

The next generation of Electrification

Low Voltage Power Distribution Products

Price List w.e.f. 5th November 2026

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Index

Contents		Page No.
1	**Air Circuit Breakers**	**4-13**
	Air circuit breakers - SENTRON 3WA	7
	Air circuit breakers - SENTRON 3WT^{Plus}	10
	Accessories for SENTRON 3WT^{Plus} ACBs	11
	Air circuit breakers - SINOPLUS 3WJ	12
2	**Moulded Case Circuit Breakers**	**14-39**
	Moulded case circuit breakers - SENTRON 3VA	15
	Accessories for 3VA	21
	Moulded case circuit breaker - SENTRON 3VA27	22
	Moulded case circuit breakers - SENTRON 3VM	25
	Accessories for 3VM	30
	Moulded case circuit breakers – 3VJ1	32
	Accessories for 3VJ1	36
	Moulded case circuit breakers – 3VJ2 NEW	38
	Accessories for 3VJ2 NEW	39
3	**Automatic transfer controller - SENTRON ATC 6300/6500**	**40-41**
4	**Load Break Switches**	**42-56**
	On Load Changeover Switch - SINOPLUS 3KJ	43
	Switch disconnector fuse - 3KL8 (4P/3PN/3P)	46
	Switch disconnector fuse - 3KL8 (2P)	47
	Switch disconnector fuse in SS enclosure - 3KL8 (3PN/4P)	47
	Switch disconnector - 3KA8 (2P/3PN/4P)	48
	Accessories for 3KL8/ 3KA8 (2P/3P/3PN/4P)	48
	3NJ4 Vertical Fuse Switch Disconnectors	51
	Fuse switch disconnector - 3NP1	53
	Main control & emergency stop switches - 3LD2	55
	Accessories for 3LD2	56
	Rotary Switches - 3LA0	56
5	**Control switches - 3LD4**	**58-64**
	ON OFF Switches	59
	Instrumentation Selector Switch	59
	Changeover Switch	60
	Phase Changeover Switch (PCS)	60
	Breaker Control Switch	61
	Multistep Switch	61
6	**Energy Management System**	**65-74**
	Power Monitoring Devices SENTRON 7KM PAC 3120 / 3220 / 4220	66
	Energy Management Software: SENTRON powermanager	66
	SENTRON 7KN Powercenter 3000	67
	Digitalization solutions	68
	DIN rail mounted meters SENTRON 7KM PAC 2200/ 3200T / 7KT PAC1600	70
	SENTRON 7KT PAC1200 - Multichannel current measuring system	71
	Power Monitoring Devices SMART 7KT	73-74

Contents		Page No.
7	**Power Quality Solutions - PQS**	**75-80**
	LV Power Capacitors - SIECAP™ 4RB	76
	Harmonics filter detuned reactor	79
	Capacitor duty contactors - 3MT	80
	Automatic Power Factor Correction Relay - 7UG	80
8	**SENTRON 5SV6 COM AFDD/MCBs NEW**	**82-83**
9	**SINOPLUS 5TJ MCB NEW**	**84**
10	**Betagard Circuit Protection Devices**	**85-86**
	Betagard Miniature Circuit Breakers - 5SL6/5SL4	85
	Betagard Circuit Breakers - 5SL7/5SL5	86
11	**Fuses**	**87-96**
	DIN fuses - 3NA / Fuse bases (DIN)	88
	DIN isolating links - 3NG	88
	3NA6 Fuse with Insulated Gripping Lugs NEW	89
	SENTRON 3NA COM LV HRC fuse link NEW	91
	BS fuses - 3NW	93
	Fuse holders and accessories for fuses - 3NW	93
	Fuses for semiconductor protection - 3NE/ 3NC	94
	Cylindrical fuses - 3NW	96
12	**5SD Surge Protection Device**	**97**
13	**SIMARIS Software Tools**	**81**
14	**SENTRON Powerconfig**	**8**
15	**SIVACON S8**	**57**
16	**SIEPAN 8PU**	**49**
17	**Type-2 Co-ordination Charts**	**98-101**
18	**Available till stocks last**	**102**
19	**Discontinued products**	**103**
20	**Customer care**	**104**
21	**Terms and conditions**	**105**
22	**SINOPLUS Low Voltage Electrical Products**	**Back cover inside**
23	**Training centres**	**Front cover inside**
24	**Offices and territory managers**	**Backcover**



3WA air circuit breakers

Made for makers. Simply reliable

Every power supply depends on a reliable infeed of electricity. The SENTRON 3WA air circuit breaker combines all the functions that today's digital companies need from electrification components. That includes reliable protection of people and systems from electrical damage and accidents, flexible use and retrofit options, a long service life and reduced maintenance, as well as innovative features consistent with engineering tools, reliable energy data acquisition, and seamless integration in digital environments. As a key component of electrical power distribution, the SENTRON 3WA air circuit breaker provides the foundation for integrated energy systems in the digital age.

Trust the tried-and-tested

- Consistent portfolio
- Easy function extension
- Long-term security

Benefit from efficiency

- Optimal selectivity
- Highest product quality
- Time and cost savings for switchgear integration

Solutions with potential

- Permanent flexibility
- Future-proof communication solutions
- High system transparency

Enjoy consistency

- Consistent tool landscape
- Comfortable planning and project engineering

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Future ready

Easy operation

Advanced connectivity

Smallest footprint

Shorter downtime



Operator safety

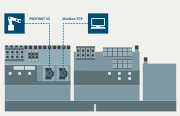
Efficient metering

Easy upgrade

Enhanced safety

Cyber security

High system availability



Dual COM Profinet with CC-C

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3WA air circuit breakers

The future of digital power distribution

The future will be connected.

The makers of tomorrow will require advanced diagnostics and safety during operation. They will need access to their power distribution system remotely and securely. With 3WA we invite you to a more connected and sustainable tomorrow.

Welcome to the future of digital power distribution.

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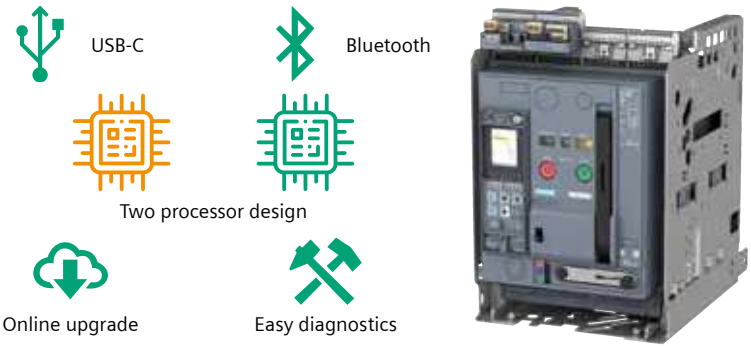
ACB: SENTRON 3WA

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Short circuit breaking capacity upto 150kA
- Fully rated upto 55°C with 100% rated neutral
- Best in class endurance
- Upgradeable ETU with unique dual processor
- Industry leading diagnostic & testing features
- Cybersecure communication module with dual communication
- Advanced metering as per IEC 61557-12



Standard breaking capacity I_{cs} = 100% I_{cu}

Microprocessor based trip unit ETU600 with LSING[1] protection

Frame Size	Rated Current In (A)		Withdrawable[2] design with Guide Frame			
			3 Pole^	Unit LP* ₹	4 Pole^	Unit LP* ₹
I	630	MDO	3WA1106-2AF32-0AA0	POR	3WA1106-2AF42-0AA0	POR
		EDO	3WA1106-2AF32-4EA4	POR	3WA1106-2AF42-4EA4	POR
	800	MDO	3WA1108-2AF32-0AA0	POR	3WA1108-2AF42-0AA0	POR
		EDO	3WA1108-2AF32-4EA4	POR	3WA1108-2AF42-4EA4	POR
	1000	MDO	3WA1110-2AF32-0AA0	POR	3WA1110-2AF42-0AA0	POR
		EDO	3WA1110-2AF32-4EA4	POR	3WA1110-2AF42-4EA4	POR
	1250	MDO	3WA1112-2AF32-0AA0	POR	3WA1112-2AF42-0AA0	POR
		EDO	3WA1112-2AF32-4EA4	POR	3WA1112-2AF42-4EA4	POR
	1600	MDO	3WA1116-2AF32-0AA0	POR	3WA1116-2AF42-0AA0	POR
		EDO	3WA1116-2AF32-4EA4	POR	3WA1116-2AF42-4EA4	POR
II	2000	MDO	3WA1220-3AF32-0AA0	POR	3WA1220-3AF42-0AA0	POR
		EDO	3WA1220-3AF32-4EA4	POR	3WA1220-3AF42-4EA4	POR
	2500	MDO	3WA1225-3AF32-0AA0	POR	3WA1225-3AF42-0AA0	POR
		EDO	3WA1225-3AF32-4EA4	POR	3WA1225-3AF42-4EA4	POR
	3200	MDO	3WA1232-3AF32-0AA0	POR	3WA1232-3AF42-0AA0	POR
		EDO	3WA1232-3AF32-4EA4	POR	3WA1232-3AF42-4EA4	POR
	4000	MDO	3WA1240-3AF31-0AA0	POR	3WA1240-3AF41-0AA0	POR
		EDO	3WA1240-3AF31-4EA4	POR	3WA1240-3AF41-4EA4	POR
III	5000	MDO	3WA1350-5AF32-0AA0	4664850.-	3WA1350-5AF42-0AA0	5881315.-
		EDO	3WA1350-5AF32-4EA4	4955860.-	3WA1350-5AF42-4EA4	6172325.-
	6300	MDO	3WA1363-5AF31-0AA0	6223670.-	3WA1363-5AF41-0AA0	7785250.-
		EDO	3WA1363-5AF31-4EA4	6514680.-	3WA1363-5AF41-4EA4	8076260.-

L: Overload protection
G: Ground fault protection
S: Delayed Short Circuit protection
N: Neutral protection
I: Short circuit protection

Note: Std. Pkg. = 1 unit

1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.
2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, Spring charge signaling switch (Standard along with spring charging motor), ready to close signal switch, auxiliary contacts 2NO+2NC, trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).

Prices of ACBs with other breaking capacities, fixed type, 1000/1150V AC applications & DC applications available on request

^ For complete ordering code please contact your nearest Siemens Sales Office

Add-on options (Factory fitted)

Description	Add LP* ₹
Door Interlock	POR
Position Signal Switch for Withdrawable Breaker	
Castell lock mounting kit#	
Mutual Mechanical Interlocking (Bowden wire)	
PROFINET / MODBUS TCP Communication module	

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	POR
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	

Motorized mechanism with other control voltages are available on request

Castell locks are to be ordered separately.

Please contact your nearest Siemens Sales Office for complete ordering code.

Scan for more info



Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil	–	24-30	3WA9111-0AD02	46320.-
Suitable for continuous operation	110-127	110-125	3WA9111-0AD05	46320.-
	208-240	220-250	3WA9111-0AD06	46320.-
Under Voltage Release (Instantaneous)	380-415	–	3WA9111-0AE07	51200.-
Motorised Operating Mechanism	–	24-30	3WA9111-0AF02	256070.-
	110-127	110-125	3WA9111-0AF05	256070.-
	208-240	220-250	3WA9111-0AF06	256070.-
Castell Lock	–	–	3WX3663-6JEL_ $	13055.-

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please contact your nearest Siemens Sales Office for type nos. and prices.

$ Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

Std. Pkg. = 1 unit POR: Price On Request * LP - List Price

SENTRON Powerconfig

Parameterization and commissioning of LV power distribution

Parameterization
- Network scan
- Online / Offline comparison
- Reading in the device parameters

Diagnosis
- Measured value recording
- Communication test
- Device diagnosis



Service
- Firmware update
- Function upgrade

Documentation
- Project file
- Documentation export
- Device template



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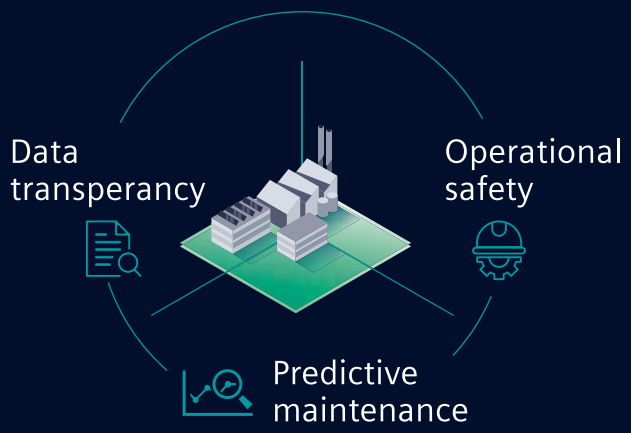
SENTRON 3WT*Plus*

Air Circuit Breakers

Powering smart installations

- **Integrated communication and metering option**
- **Easy parameterization and diagnostics with Powerconfig**





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ACB: SENTRON 3WT*Plus*



- Conforms to IEC 60947-2
- Rated current - 630A to 4000A
- U_{imp} = 12kV
- **Integrated communication & metering option**
- **Easy parameterization and diagnostics with Powerconfig**
- Mechanical contact erosion indicator
- Fully rated upto 50°C
- Integrated LCD display and Online test facility
- Variants available for 690V AC applications

Standard breaking capacity, 500VAC I_{cs} = 100% I_{cu}

Microprocessor based trip unit ETU37WT: LSING[1] + Display

Frame Size	Rated current In (A)			Withdrawable design with Guide Frame [2]			
				3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I		630	MDO	3WT8061-6AA04-5AB2	733000.-	3WT8065-6AA04-5AB2	952920.-
			EDO	3WT8061-6UA34-5AB2	948130.-	3WT8065-6UA34-5AB2	1168050.-
		800	MDO	3WT8081-6AA04-5AB2	773600.-	3WT8085-6AA04-5AB2	1012670.-
			EDO	3WT8081-6UA34-5AB2	988730.-	3WT8085-6UA34-5AB2	1227800.-
		1000	MDO	3WT8101-6AA04-5AB2	794590.-	3WT8105-6AA04-5AB2	1030680.-
			EDO	3WT8101-6UA34-5AB2	1009720.-	3WT8105-6UA34-5AB2	1245810.-
		1250	MDO	3WT8121-6AA04-5AB2	975990.-	3WT8125-6AA04-5AB2	1160270.-
			EDO	3WT8121-6UA34-5AB2	1191120.-	3WT8125-6UA34-5AB2	1375400.-
	●	1600	MDO	3WT8161-6AA04-5AB2	1047505.-	3WT8165-6AA04-5AB2	1268020.-
			EDO	3WT8161-6UA34-5AB2	1262635.-	3WT8165-6UA34-5AB2	1483150.-
II	●	2000	MDO	3WT8202-6AA04-5AB2	1316100.-	3WT8206-6AA04-5AB2	1619790.-
			EDO	3WT8202-6UA34-5AB2	1531230.-	3WT8206-6UA34-5AB2	1834920.-
	●	2500	MDO	3WT8252-6AA04-5AB2	1490755.-	3WT8256-6AA04-5AB2	1895260.-
			EDO	3WT8252-6UA34-5AB2	1705885.-	3WT8256-6UA34-5AB2	2110390.-
	●	3200	MDO	3WT8322-6AA04-5AB2	1911240.-	3WT8326-6AA04-5AB2	2345100.-
			EDO	3WT8322-6UA34-5AB2	2126370.-	3WT8326-6UA34-5AB2	2560230.-

Microprocessor based Trip Units
ETU35WT: LSI + Display — ↑ 5 Reduce 440.- — ↑ 5 Reduce 440.-

Microprocessor based trip unit ETU37WT: LSING[1] + Display

Frame Size	Rated current In (A)			Fixed Mounted design [3]			
				3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I		630	MF	3WT8061-6AA00-0AA2	538660.-	3WT8065-6AA00-0AA2	728770.-
			EF	3WT8061-6UA30-0AA2	753790.-	3WT8065-6UA30-0AA2	943900.-
		800	MF	3WT8081-6AA00-0AA2	581435.-	3WT8085-6AA00-0AA2	800020.-
			EF	3WT8081-6UA30-0AA2	796565.-	3WT8085-6UA30-0AA2	1015150.-
		1000	MF	3WT8101-6AA00-0AA2	592735.-	3WT8105-6AA00-0AA2	847510.-
			EF	3WT8101-6UA30-0AA2	807865.-	3WT8105-6UA30-0AA2	1062640.-
		1250	MF	3WT8121-6AA00-0AA2	806225.-	3WT8125-6AA00-0AA2	953375.-
			EF	3WT8121-6UA30-0AA2	1021355.-	3WT8125-6UA30-0AA2	1168505.-
	●	1600	MF	3WT8161-6AA00-0AA2	823180.-	3WT8165-6AA00-0AA2	1021220.-
			EF	3WT8161-6UA30-0AA2	1038310.-	3WT8165-6UA30-0AA2	1236350.-
II	●	2000	MF	3WT8202-6AA00-0AA2	925790.-	3WT8206-6AA00-0AA2	1328990.-
			EF	3WT8202-6UA30-0AA2	1140920.-	3WT8206-6UA30-0AA2	1544120.-
	●	2500	MF	3WT8252-6AA00-0AA2	1045010.-	3WT8256-6AA00-0AA2	1560340.-
			EF	3WT8252-6UA30-0AA2	1260140.-	3WT8256-6UA30-0AA2	1775470.-
	●	3200	MF	3WT8322-6AA00-0AA2	1591105.-	3WT8326-6AA00-0AA2	1959540.-
			EF	3WT8322-6UA30-0AA2	1806235.-	3WT8326-6UA30-0AA2	2174670.-

Microprocessor based Trip Units
ETU35WT: LSI + Display — ↑ 5 Reduce 440.- — ↑ 5 Reduce 440.-

For Non-Automatic ACBs please deduct ₹ 1005/- from the LPs of the ACBs marked ●. *For type nos. of Non-Automatic ACBs please contact your nearest Siemens Sales Office*

L: Overload protection S: Delayed Short Circuit protection I: Short circuit protection G: Ground fault protection[1] N: Neutral protection[1]

Standard accessories included for electrical ACB (EDO/EF) = Motor operated mechanism, with mechanical and electrical closing, motor and closing solenoid of 220-240V AC/DC and shunt release of 220-240V AC/DC.

1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.

2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, sealing cap over Off button, door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+ 2NC

3) Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+2NC

Note: Please contact your nearest Siemens Sales Office for information on prices of 4000A ACB.

Std. Pkg. = 1 unit * LP - List Price

3WT*Plus* Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Motorized Operating Mechanism with Electrical closing	110-127	110-125	3WT9831-1JH00	230845.-
	220-240	220-250	3WT9831-1JK00	230845.-
Shunt Release or Closing Coil Suitable for continuous operation	–	24	3WT9851-1JB00	19775.-
	110-127	110-125	3WT9851-1JH00	19775.-
	220-240	220-250	3WT9851-1JK00	19775.-
Under Voltage Release Instantaneous	110-127	110-125	3WT9853-1JH00	20530.-
	208-240	220-250	3WT9853-1JK00	20530.-
	380-415	–	3WT9853-1JM00	20530.-
Auxiliary Terminal Block	Fixed circuit breaker		3WT9111-0AB10	14440.-
	Drawout circuit breaker		3WT9111-1AB14	14440.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	11050.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	44680.-
5 digit operating cycle counter			3WT9864-0CA00	37310.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	34680.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	34680.-
Castell Lock Mounting Kit *(to prevent unauthorized closing of the circuit breaker)*			3WT9863-6JE00	32005.-
Castell Lock			3WX3663-6JEL_#	13055.-
Door Sealing Frame *(Also suitable for 3WL ACB)*			3WX3686-0JA00	8330.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WA9111-0AA21	84815.-
	Size II		3WA9111-0AA22	98350.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WA9111-0AA31	102160.-
	Size II		3WA9111-0AA32	129090.-

Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

For fitment of motor/ shunt/ closing coil/ UV release/ addl. auxiliary contacts please order necessary Auxiliary terminal blocks as per circuit diagram.

Add-on options (Factory fitted)

Description	Unit LP* ₹
MODBUS RTU communication module	POR
Metering function with integrated Voltage tap	
Arc chute cover	
Phase barriers	

Retrofit solution

Description	Unit LP* ₹
Ready to fit kit for upgrading from our old or other make conventional Air Circuit Breaker to modern SENTRON range of ACBs. • Minimum Shut Down Time • No change in the existing panel except door cut out • No change in the existing panel bus-bars • Proven Siemens Design • No over heating • Cost Effective & Quality Solution	Upon enquiry

For more details write to us at: ics.india@siemens.com • Toll Free No: 1800220987/18002090987

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price



3WJ air circuit breakers

Powering infrastructures across the globe

- Conforms to IEC 60947-2
- Rated current - 800A to 4000A
- Mechanical contact erosion indicator
- $I_{cu} = I_{cs} = I_{cw(1s)}$ for complete range
- Integrated LCD display and online test facility
- Breaking capacity upto 55 kA
- Ready to close mechanism for safe operation

Reliable

Safe

Comprehensive

Efficient

Adaptable

Customizable

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3VA moulded case circuit breakers

Discover the perfect system

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MCCB: SENTRON 3VA

- Rated current: 16A to 1250A
- 1 pole^, 2 pole^, 3 pole & 4 pole versions
- Thermal magnetic and Microprocessor based trip unit
- Common Internal accessories for the entire range
- Information on the GO - Unique Knowledge Manager (QR Code) for 24 X 7 Technical Information
- Innovative Accessories viz. Short Circuit Alarm Switch, Illuminated Handle, Shunt Trip Flexible etc



SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA10	16kA	16	3VA1096-2ED32-0AA0	24695.-	3VA1096-2ED42-0AA0	32010.-
		20	3VA1020-2ED32-0AA0	24695.-	3VA1020-2ED42-0AA0	32010.-
		25	3VA1025-2ED32-0AA0	24695.-	3VA1025-2ED42-0AA0	32010.-
		32	3VA1032-2ED32-0AA0	24695.-	3VA1032-2ED42-0AA0	32010.-
		40	3VA1040-2ED32-0AA0	24695.-	3VA1040-2ED42-0AA0	32010.-
		50	3VA1050-2ED32-0AA0	24695.-	3VA1050-2ED42-0AA0	32010.-
		63	3VA1063-2ED32-0AA0	24695.-	3VA1063-2ED42-0AA0	32010.-
		80	3VA1080-2ED32-0AA0	27005.-	3VA1080-2ED42-0AA0	35090.-
		100	3VA1010-2ED32-0AA0	31270.-	3VA1010-2ED42-0AA0	40720.-
3VA10	25kA	16	3VA1096-3ED32-0AA0	25370.-	3VA1096-3ED42-0AA0	33090.-
		20	3VA1020-3ED32-0AA0	25370.-	3VA1020-3ED42-0AA0	33090.-
		25	3VA1025-3ED32-0AA0	25370.-	3VA1025-3ED42-0AA0	33090.-
		32	3VA1032-3ED32-0AA0	25370.-	3VA1032-3ED42-0AA0	33090.-
		40	3VA1040-3ED32-0AA0	25370.-	3VA1040-3ED42-0AA0	33090.-
		50	3VA1050-3ED32-0AA0	25370.-	3VA1050-3ED42-0AA0	33090.-
		63	3VA1063-3ED32-0AA0	25370.-	3VA1063-3ED42-0AA0	33090.-
		80	3VA1080-3ED32-0AA0	27575.-	3VA1080-3ED42-0AA0	35890.-
		100	3VA1010-3ED32-0AA0	32520.-	3VA1010-3ED42-0AA0	41550.-
3VA11		125	3VA1112-3ED32-0AA0	54830.-	3VA1112-3ED42-0AA0	69865.-
		160	3VA1116-3ED32-0AA0	62605.-	3VA1116-3ED42-0AA0	81470.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	26770.-	3VA1196-4GD42-0AA0	37040.-
		20	3VA1020-4ED32-0AA0	26770.-	3VA1120-4GD42-0AA0	37040.-
		25	3VA1025-4ED32-0AA0	26770.-	3VA1125-4GD42-0AA0	37040.-
		32	3VA1032-4ED32-0AA0	26770.-	3VA1132-4GD42-0AA0	37040.-
		40	3VA1040-4ED32-0AA0	26770.-	3VA1140-4GD42-0AA0	37040.-
		50	3VA1050-4ED32-0AA0	26770.-	3VA1150-4GD42-0AA0	37040.-
		63	3VA1063-4ED32-0AA0	26770.-	3VA1163-4GD42-0AA0	37040.-
		80	3VA1080-4ED32-0AA0	28085.-	3VA1180-4GD42-0AA0	40615.-
		100	3VA1010-4ED32-0AA0	33810.-	3VA1110-4GD42-0AA0	46915.-
3VA11		125	3VA1112-4ED32-0AA0	58415.-	3VA1112-4GD42-0AA0	75935.-
		160	3VA1116-4ED32-0AA0	68110.-	3VA1116-4GD42-0AA0	88560.-
3VA11	55kA	16	3VA1196-5ED32-0AA0	31370.-	3VA1196-5GD42-0AA0	40720.-
		20	3VA1120-5ED32-0AA0	31370.-	3VA1120-5GD42-0AA0	40720.-
		25	3VA1125-5ED32-0AA0	31370.-	3VA1125-5GD42-0AA0	40720.-
		32	3VA1132-5ED32-0AA0	31370.-	3VA1132-5GD42-0AA0	40720.-
		40	3VA1140-5ED32-0AA0	31370.-	3VA1140-5GD42-0AA0	40720.-
		50	3VA1150-5ED32-0AA0	31370.-	3VA1150-5GD42-0AA0	40720.-
		63	3VA1163-5ED32-0AA0	31970.-	3VA1163-5GD42-0AA0	40720.-
		80	3VA1180-5ED32-0AA0	34420.-	3VA1180-5GD42-0AA0	44710.-
		100	3VA1110-5ED32-0AA0	39845.-	3VA1110-5GD42-0AA0	51670.-
		125	3VA1112-5ED32-0AA0	64200.-	3VA1112-5GD42-0AA0	83435.-
		160	3VA1116-5ED32-0AA0	74855.-	3VA1116-5GD42-0AA0	97420.-

^ 3VA1 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

Std. Pkg. = 1 unit * LP - List Price

SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Adj. Thermal Fixed Magnetic (ATFM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	25kA	16	3VA1196-3EE32-0AA0	32190.-	3VA1196-3GE42-0AA0	46110.-
		20	3VA1120-3EE32-0AA0	32190.-	3VA1120-3GE42-0AA0	46110.-
		25	3VA1125-3EE32-0AA0	32190.-	3VA1125-3GE42-0AA0	46110.-
		32	3VA1132-3EE32-0AA0	32190.-	3VA1132-3GE42-0AA0	46110.-
		40	3VA1140-3EE32-0AA0	32190.-	3VA1140-3GE42-0AA0	46110.-
		50	3VA1150-3EE32-0AA0	32190.-	3VA1150-3GE42-0AA0	46110.-
		63	3VA1163-3EE32-0AA0	32190.-	3VA1163-3GE42-0AA0	46110.-
		80	3VA1180-3EE32-0AA0	32190.-	3VA1180-3GE42-0AA0	46110.-
		100	3VA1110-3EE32-0AA0	34420.-	3VA1110-3GE42-0AA0	46110.-
		125	3VA1112-3EE32-0AA0	58415.-	3VA1112-3GE42-0AA0	71935.-
		160	3VA1116-3EE32-0AA0	64445.-	3VA1116-3GE42-0AA0	83550.-
3VA11	36kA	16	3VA1196-4EE32-0AA0	39750.-	3VA1196-4GE42-0AA0	52020.-
		20	3VA1120-4EE32-0AA0	39750.-	3VA1120-4GE42-0AA0	52020.-
		25	3VA1125-4EE32-0AA0	39750.-	3VA1125-4GE42-0AA0	52020.-
		32	3VA1132-4EE32-0AA0	39750.-	3VA1132-4GE42-0AA0	52020.-
		40	3VA1140-4EE32-0AA0	39750.-	3VA1140-4GE42-0AA0	52020.-
		50	3VA1150-4EE32-0AA0	39750.-	3VA1150-4GE42-0AA0	52020.-
		63	3VA1163-4EE32-0AA0	39750.-	3VA1163-4GE42-0AA0	52020.-
		80	3VA1180-4EE32-0AA0	39750.-	3VA1180-4GE42-0AA0	52020.-
		100	3VA1110-4EE32-0AA0	39750.-	3VA1110-4GE42-0AA0	52020.-
		125	3VA1112-4EE32-0AA0	61165.-	3VA1112-4GE42-0AA0	77915.-
		160	3VA1116-4EE32-0AA0	70015.-	3VA1116-4GE42-0AA0	90860.-
3VA12		200	3VA1220-4EE32-0AA0	88310.-	3VA1220-4GE42-0AA0	108805.-
		250	3VA1225-4EE32-0AA0	93610.-	3VA1225-4GE42-0AA0	117535.-
3VA13		320	3VA1332-4EE32-0AA0	125540.-	3VA1332-4GE42-0AA0	162530.-
		400	3VA1340-4EE32-0AA0	125540.-	3VA1340-4GE42-0AA0	162530.-
3VA14		500	3VA1450-4EE32-0AA0	162030.-	3VA1450-4GE42-0AA0	209890.-
		630	3VA1463-4EE32-0AA0	162030.-	3VA1463-4GE42-0AA0	209890.-
3VA11	55kA	16	3VA1196-5EE32-0AA0	45290.-	3VA1196-5GE42-0AA0	57240.-
		20	3VA1120-5EE32-0AA0	45290.-	3VA1120-5GE42-0AA0	57240.-
		25	3VA1125-5EE32-0AA0	45290.-	3VA1125-5GE42-0AA0	57240.-
		32	3VA1132-5EE32-0AA0	45290.-	3VA1132-5GE42-0AA0	57240.-
		40	3VA1140-5EE32-0AA0	45290.-	3VA1140-5GE42-0AA0	57240.-
		50	3VA1150-5EE32-0AA0	45290.-	3VA1150-5GE42-0AA0	57240.-
		63	3VA1163-5EE32-0AA0	45290.-	3VA1163-5GE42-0AA0	57240.-
		80	3VA1180-5EE32-0AA0	45290.-	3VA1180-5GE42-0AA0	57240.-
		100	3VA1110-5EE32-0AA0	45290.-	3VA1110-5GE42-0AA0	57240.-
		125	3VA1112-5EE32-0AA0	71135.-	3VA1112-5GE42-0AA0	85435.-
		160	3VA1116-5EE32-0AA0	76955.-	3VA1116-5GE42-0AA0	99320.-
3VA12		200	3VA1220-5EE32-0AA0	91955.-	3VA1220-5GE42-0AA0	112310.-
		250	3VA1225-5EE32-0AA0	97495.-	3VA1225-5GE42-0AA0	123520.-
3VA13		320	3VA1332-5EE32-0AA0	143150.-	3VA1332-5GE42-0AA0	179315.-
		400	3VA1340-5EE32-0AA0	143150.-	3VA1340-5GE42-0AA0	179315.-
3VA14		500	3VA1450-5EE32-0AA0	185140.-	3VA1450-5GE42-0AA0	231290.-
		630	3VA1463-5EE32-0AA0	185140.-	3VA1463-5GE42-0AA0	231290.-
3VA15		800#	3VA1580-5EF32-0AA0	276600.-	3VA1580-5GF42-0AA0	358445.-
		1000#	3VA1510-5EF32-0AA0	386420.-	3VA1510-5GF42-0AA0	501420.-
3VA11	70kA	16	3VA1196-6EE32-0AA0	61980.-	3VA1196-6GE42-0AA0	77890.-
		20	3VA1120-6EE32-0AA0	61980.-	3VA1120-6GE42-0AA0	77890.-
		25	3VA1125-6EE32-0AA0	61980.-	3VA1125-6GE42-0AA0	77890.-
		32	3VA1132-6EE32-0AA0	61980.-	3VA1132-6GE42-0AA0	77890.-
		40	3VA1140-6EE32-0AA0	61980.-	3VA1140-6GE42-0AA0	77890.-
		50	3VA1150-6EE32-0AA0	61980.-	3VA1150-6GE42-0AA0	77890.-
		63	3VA1163-6EE32-0AA0	61980.-	3VA1163-6GE42-0AA0	77890.-
		80	3VA1180-6EE32-0AA0	61980.-	3VA1180-6GE42-0AA0	77890.-
		100	3VA1110-6EE32-0AA0	61980.-	3VA1110-6GE42-0AA0	77890.-
		125	3VA1112-6EE32-0AA0	115230.-	3VA1112-6GE42-0AA0	123550.-
		160	3VA1116-6EE32-0AA0	115230.-	3VA1116-6GE42-0AA0	123550.-
3VA12		200	3VA1220-6EE32-0AA0	124015.-	3VA1220-6GE42-0AA0	159580.-
		250	3VA1225-6EE32-0AA0	138985.-	3VA1225-6GE42-0AA0	159580.-
3VA13		320	3VA1332-6EE32-0AA0	156900.-	3VA1332-6GE42-0AA0	202830.-
		400	3VA1340-6EE32-0AA0	156900.-	3VA1340-6GE42-0AA0	202830.-
3VA14		500	3VA1450-6EE32-0AA0	223030.-	3VA1450-6GE42-0AA0	289165.-
		630	3VA1463-6EE32-0AA0	223030.-	3VA1463-6GE42-0AA0	289165.-
3VA15		800#	3VA1580-6EF32-0AA0	304590.-	3VA1580-6GF42-0AA0	394715.-
		1000#	3VA1510-6EF32-0AA0	424740.-	3VA1510-6GF42-0AA0	552155.-

Std. Pkg. = 1 unit # - Adjustable Thermal, Adjustable Magnetic * LP - List Price

SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Adj. Thermal Adj. Magnetic (ATAM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA12	36kA	250	3VA1225-4EF32-0AA0	POR	3VA1225-4GF42-0AA0	POR
3VA13		320	3VA1332-4EF32-0AA0		3VA1332-4GF42-0AA0	
		400	3VA1340-4EF32-0AA0		3VA1340-4GF42-0AA0	
3VA14		500	3VA1450-4EF32-0AA0		3VA1450-4GF42-0AA0	
		630	3VA1463-4EF32-0AA0		3VA1463-4GF42-0AA0	
3VA12	55kA	250	3VA1225-5EF32-0AA0		3VA1225-5GF42-0AA0	
3VA13		320	3VA1332-5EF32-0AA0		3VA1332-5GF42-0AA0	
		400	3VA1340-5EF32-0AA0		3VA1340-5GF42-0AA0	
3VA14		500	3VA1450-5EF32-0AA0		3VA1450-5GF42-0AA0	
		630	3VA1463-5EF32-0AA0		3VA1463-5GF42-0AA0	
3VA12	70kA	250	3VA1225-6EF32-0AA0		3VA1225-6GF42-0AA0	
3VA13		320	3VA1332-6EF32-0AA0		3VA1332-6GF42-0AA0	
		400	3VA1340-6EF32-0AA0		3VA1340-6GF42-0AA0	
3VA14		500	3VA1450-6EF32-0AA0		3VA1450-6GF42-0AA0	
		630	3VA1463-6EF32-0AA0		3VA1463-6GF42-0AA0	

For lower ratings, please contact your nearest Siemens Sales Office

SENTRON 3VA MCCB for Motor Starter Protection (Adjustable Magnetic trip unit, 3pole)

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50/60Hz)		Breaking Capacity (70kA, 415V, 50/60Hz)	
		Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	1	3VA1181-5MG32-0AA0&	41650.-	3VA1181-6MG32-0AA0&	51150.-
	2	3VA1102-5MG32-0AA0&	41650.-	3VA1102-6MG32-0AA0&	51150.-
	4	3VA1104-5MG32-0AA0&	41650.-	3VA1104-6MG32-0AA0&	51150.-
	8	3VA1108-5MG32-0AA0&	41650.-	3VA1108-6MG32-0AA0&	51150.-
	12.5	3VA1192-5MG32-0AA0&	41650.-	3VA1192-6MG32-0AA0&	51150.-
	20	3VA1120-5MH32-0AA0	41650.-	3VA1120-6MH32-0AA0	51150.-
	32	3VA1132-5MH32-0AA0	49750.-	3VA1132-6MH32-0AA0	53610.-
	40	3VA1140-5MH32-0AA0	49750.-	3VA1140-6MH32-0AA0	53610.-
	50	3VA1150-5MH32-0AA0	49750.-	3VA1150-6MH32-0AA0	53610.-
	63	3VA1163-5MH32-0AA0	49750.-	3VA1163-6MH32-0AA0	53610.-
	80	3VA1180-5MH32-0AA0	49750.-	3VA1180-6MH32-0AA0	53610.-
	100	3VA1110-5MH32-0AA0	49750.-	3VA1110-6MH32-0AA0	53610.-
	125	3VA1112-5MH32-0AA0	71365.-	3VA1112-6MH32-0AA0	77150.-
3VA12	160	3VA1216-5MH32-0AA0	74890.-	3VA1216-6MH32-0AA0	106710.-
	200	3VA1220-5MH32-0AA0	102995.-	3VA1220-6MH32-0AA0	126395.-
3VA13	250	3VA1325-5MH32-0AA0	112390.-	3VA1325-6MH32-0AA0	127915.-
	320	3VA1332-5MH32-0AA0	154220.-	3VA1332-6MH32-0AA0	175740.-
3VA14	400	3VA1440-5MH32-0AA0	176530.-	3VA1440-6MH32-0AA0	184460.-
	500	3VA1450-5MH32-0AA0	203220.-	3VA1450-6MH32-0AA0	230730.-
3VA15	630	3VA1563-5MH32-0AA0	234280.-	3VA1563-6MH32-0AA0	255230.-
	800	3VA1580-5MH32-0AA0	311195.-	3VA1580-6MH32-0AA0	342670.-

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

& Fixed magnetic trip unit

SENTRON 3VA MCCB, Switch Disconnector (without protection)

Frame Size	Breaking Capacity	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	NA	63	3VA1163-1AA32-0AA0	34955.-	3VA1163-1AA42-0AA0	51660.-
		100	3VA1110-1AA32-0AA0	34955.-	3VA1110-1AA42-0AA0	51660.-
		125	3VA1112-1AA32-0AA0	71510.-	3VA1112-1AA42-0AA0	95335.-
		160	3VA1116-1AA32-0AA0	71510.-	3VA1116-1AA42-0AA0	95335.-
3VA12	NA	250	3VA1225-1AA32-0AA0	71510.-	3VA1225-1AA42-0AA0	95335.-
3VA13	NA	400	3VA1340-1AA32-0AA0	92225.-	3VA1340-1AA42-0AA0	119930.-

NA - Not Applicable

Earth fault and Earth leakage protection for SENTRON 3VA moulded case circuit breaker

Earth fault monitoring relay

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	10730.-
CBCT for EFR: 160 frame Suitable for 3VA1 up to 160A	3P	7UG09910	3700.-
	4P	7UG09911	4225.-
CBCT for EFR: 250 frame Suitable for 3VA1 250A, 3VA2 up to 160A/250A	3P	7UG09912	4470.-
	4P	7UG09913	5270.-
CBCT for EFR: 630 frame Suitable for 3VA1/3VA2 400A/ 630A	3P	7UG09914	6595.-
	4P	7UG09915	7140.-



Earth leakage monitoring relay

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	10385.-
	230VAC	7UG0842-1CD20	10490.-
CBCT for ELR	35 mm dia	7UG0996	3775.-
	70 mm dia	7UG0997	4320.-
	120 mm dia	7UG0999	7360.-
	210 mm dia	7UG0994	14145.-
	310 mm dia	7UG0995	21085.-

Note: Order 1 no of shunt trip release for MCCB seperately along with earth fault relay / earth leakage relay





MCCB with O/L & S/C protection

+



Shunt release

+



Ext. Earth fault / Ext. Earth Leakage Relay & CBCT

=



MCCB with O/L, S/C & E/F protection with O/L, S/C & Earth Leakage protection

Std. Pkg. = 1 unit

* LP - List Price

SIEMENS

Inbuilt in ETU5

Condition monitoring with the 3VA moulded case circuit breakers. **As simple as that.**

www.siemens.co.in

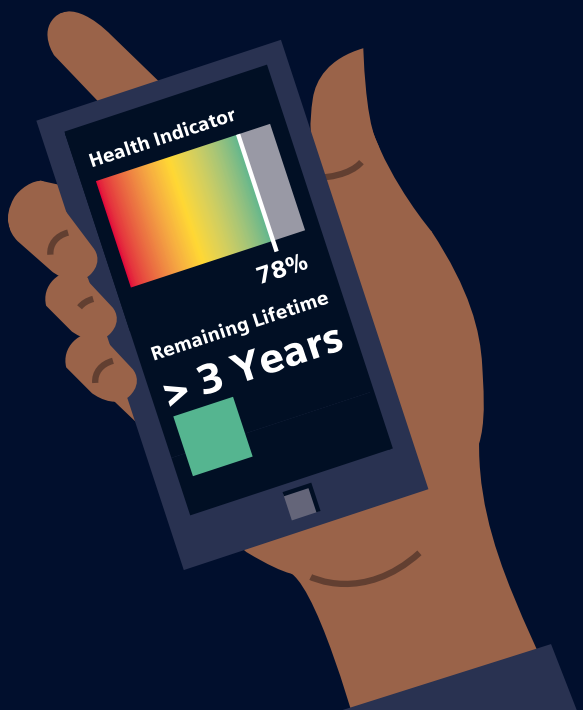
Thanks to optimally scheduled maintenance times, you can prevent equipment and plant failures due to uncoordinated maintenance of individual devices and optimize the health of your entire plant.

- Predictive maintenance
- Improved organization of personnel and material costs
- Optimized energy availability
- Reduced time and costs for maintenance

When time savings go hand in hand with optimized plant reliability



With condition monitoring directly on the 3VA and remotely on the end device, you get reliable information about the health of your system and the remaining service life of your circuit breaker.



SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HL32-0AA0	82115.-	3VA2025-4HL42-0AA0	105870.-
		40	3VA2040-4HL32-0AA0	82115.-	3VA2040-4HL42-0AA0	105870.-
		63	3VA2063-4HL32-0AA0	82115.-	3VA2063-4HL42-0AA0	105870.-
		100	3VA2010-4HL32-0AA0	82115.-	3VA2010-4HL42-0AA0	105870.-
3VA21		160	3VA2116-4HL32-0AA0	111030.-	3VA2116-4HL42-0AA0	154975.-
3VA22		250	3VA2225-4HL32-0AA0	152375.-	3VA2225-4HL42-0AA0	206610.-
3VA23		400	3VA2340-4HL32-0AA0	203585.-	3VA2340-4HL42-0AA0	267955.-
3VA24		630	3VA2463-4HL32-0AA0	211650.-	3VA2463-4HL42-0AA0	280465.-
3VA20	55kA	25	3VA2025-5HL32-0AA0	104435.-	3VA2025-5HL42-0AA0	143070.-
		40	3VA2040-5HL32-0AA0	104435.-	3VA2040-5HL42-0AA0	143070.-
		63	3VA2063-5HL32-0AA0	104435.-	3VA2063-5HL42-0AA0	143070.-
		100	3VA2010-5HL32-0AA0	104435.-	3VA2010-5HL42-0AA0	143070.-
3VA21		160	3VA2116-5HL32-0AA0	132380.-	3VA2116-5HL42-0AA0	171420.-
3VA22		250	3VA2225-5HL32-0AA0	172950.-	3VA2225-5HL42-0AA0	228355.-
3VA23		400	3VA2340-5HL32-0AA0	219515.-	3VA2340-5HL42-0AA0	287680.-
3VA24		630	3VA2463-5HL32-0AA0	269650.-	3VA2463-5HL42-0AA0	301135.-
3VA25		800	3VA2580-5HL32-0AA0	427130.-	3VA2580-5HL42-0AA0	546385.-
		1000	3VA2510-5HL32-0AA0	565970.-	3VA2510-5HL42-0AA0	755585.-
3VA26		1250	3VA2612-5HL32-0AA0	802430.-	3VA2612-5HL42-0AA0	1071500.-
3VA20	85kA	25	3VA2025-6HL32-0AA0	136535.-	3VA2025-6HL42-0AA0	169140.-
		40	3VA2040-6HL32-0AA0	136535.-	3VA2040-6HL42-0AA0	169140.-
		63	3VA2063-6HL32-0AA0	136535.-	3VA2063-6HL42-0AA0	169140.-
		100	3VA2010-6HL32-0AA0	136535.-	3VA2010-6HL42-0AA0	169140.-
3VA21		160	3VA2116-6HL32-0AA0	179030.-	3VA2116-6HL42-0AA0	228540.-
3VA22		250	3VA2225-6HL32-0AA0	198835.-	3VA2225-6HL42-0AA0	289555.-
3VA23		400	3VA2340-6HL32-0AA0	249505.-	3VA2340-6HL42-0AA0	327605.-
3VA24		630	3VA2463-6HL32-0AA0	298075.-	3VA2463-6HL42-0AA0	397705.-
3VA25		800	3VA2580-6HL32-0AA0	469610.-	3VA2580-6HL42-0AA0	624655.-
		1000	3VA2510-6HL32-0AA0	647245.-	3VA2510-6HL42-0AA0	863965.-
3VA26		1250	3VA2612-6HL32-0AA0	917055.-	3VA2612-6HL42-0AA0	1227525.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU330 LIG, Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HM32-0AA0	113105.-	3VA2025-4HM42-0AA0	139440.-
		40	3VA2040-4HM32-0AA0	113105.-	3VA2040-4HM42-0AA0	139440.-
		63	3VA2063-4HM32-0AA0	113105.-	3VA2063-4HM42-0AA0	139440.-
		100	3VA2010-4HM32-0AA0	113105.-	3VA2010-4HM42-0AA0	139440.-
3VA21		160	3VA2116-4HM32-0AA0	143070.-	3VA2116-4HM42-0AA0	178175.-
3VA22		250	3VA2225-4HM32-0AA0	180815.-	3VA2225-4HM42-0AA0	227270.-
3VA23		400	3VA2340-4HM32-0AA0	243180.-	3VA2340-4HM42-0AA0	306720.-
3VA24		630	3VA2463-4HM32-0AA0	267485.-	3VA2463-4HM42-0AA0	337330.-
3VA20	55kA	25	3VA2025-5HM32-0AA0	128940.-	3VA2025-5HM42-0AA0	147750.-
		40	3VA2040-5HM32-0AA0	128940.-	3VA2040-5HM42-0AA0	147750.-
		63	3VA2063-5HM32-0AA0	128940.-	3VA2063-5HM42-0AA0	147750.-
		100	3VA2010-5HM32-0AA0	131590.-	3VA2010-5HM42-0AA0	154415.-
3VA21		160	3VA2116-5HM32-0AA0	177290.-	3VA2116-5HM42-0AA0	212750.-
3VA22		250	3VA2225-5HM32-0AA0	216190.-	3VA2225-5HM42-0AA0	269845.-
3VA23		400	3VA2340-5HM32-0AA0	261070.-	3VA2340-5HM42-0AA0	329315.-
3VA24		630	3VA2463-5HM32-0AA0	287240.-	3VA2463-5HM42-0AA0	362170.-
3VA25		800	3VA2580-5HM32-0AA0	451540.-	3VA2580-5HM42-0AA0	587035.-
		1000	3VA2510-5HM32-0AA0	606605.-	3VA2510-5HM42-0AA0	796250.-
3VA26		1250	3VA2612-5HM32-0AA0	848590.-	3VA2612-5HM42-0AA0	1120855.-
3VA20	85kA	25	3VA2025-6HM32-0AA0	160985.-	3VA2025-6HM42-0AA0	195780.-
		40	3VA2040-6HM32-0AA0	160985.-	3VA2040-6HM42-0AA0	195780.-
		63	3VA2063-6HM32-0AA0	160985.-	3VA2063-6HM42-0AA0	195780.-
		100	3VA2010-6HM32-0AA0	160985.-	3VA2010-6HM42-0AA0	195780.-
3VA21		160	3VA2116-6HM32-0AA0	205105.-	3VA2116-6HM42-0AA0	257460.-
3VA22		250	3VA2225-6HM32-0AA0	240230.-	3VA2225-6HM42-0AA0	337030.-
3VA23		400	3VA2340-6HM32-0AA0	291065.-	3VA2340-6HM42-0AA0	369185.-
3VA24		630	3VA2463-6HM32-0AA0	320150.-	3VA2463-6HM42-0AA0	406150.-
3VA25		800	3VA2580-6HM32-0AA0	508780.-	3VA2580-6HM42-0AA0	665310.-
		1000	3VA2510-6HM32-0AA0	686375.-	3VA2510-6HM42-0AA0	904600.-
3VA26		1250	3VA2612-6HM32-0AA0	964820.-	3VA2612-6HM42-0AA0	1276860.-

Std. Pkg. = 1 unit * LP - List Price

SENTRON 3VA - Accessories

Frame	3VA1 100A/ 160A/ 250A/ 400A/ 630A/ 800A/ 1000A	Unit LP* ₹	3VA2 100A / 160A / 250A 3VA2 400A/630A/800A/1000A/1250A	Unit LP* ₹
Accessory	Type		Type	
Auxiliary switch (AUX)	3VA9988-0AA12 (1 C/O)	5645.-	3VA9988-0AA12 (1 C/O)	5645.-
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)	8725.-	3VA9988-0AB12 (1 C/O)	8725.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	4650.- 4650.-	–	–
Electrical alarm switches (EAS) for 3VA2 Only	–	–	3VA9988-0AB22	4650.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz 208-230 V AC 50/60 Hz 380-400 V AC 50/60 Hz	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	13355.- 13355.- 13355.-	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	13355.- 13355.- 13355.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	10055.- 10055.- 10055.-	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	10055.- 10055.- 10055.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	10055.- 10055.- 10055.-	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	10055.- 10055.- 10055.-
Extended Door Mounted Rotary Operator (including 8UC handle)	3VA9157-0FK51 (for 3VA10/ 11 100A/160A) 3VA9257-0FK51 (for 3VA12 250A) 3VA9467-0FK51 (for 3VA13/ 14 400/ 630A)	6160.- 6475.- 10145.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A)	6475.- 10145.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	28840.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	28840.-
Illuminated - Door mounted rotary operator 24V DC	3VA9157-0FK23 (for 3VA10/ 11 100A/160A) 3VA9257-0FK23 (for 3VA12 250A) 3VA9467-0FK23 (for 3VA13/ 14 400A/ 630A) 3VA9687-0FK23 (for 3VA15 800A/1000A)	17220.- 18935.- 24060.- 31675.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	18935.- 24060.- 31675.-
Castell interlock kit# (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. 3VA10/ 11 (100A/ 160A) 8UC60701YQ.. 3VA12 (250A)	12920.- 12920.-	8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A) 8UC60701YQ.. 3VA23/ 24 (400A/ 630A)	12920.- 12920.-
Sliding Bar Interlock (for same size breakers with Toggle Lever)	3VA9158-0VF30 (for 3VA10/ 11 100A/160A) 3VA9258-0VF30 (for 3VA12 250A) 3VA9368-0VF30 (for 3VA13/ 14 400A/ 630A)	17220.- 17880.- 20190.-	3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)	18935.- 20190.-
Locking device for breaker with Toggle lever	3VA9088-0LB10 (3VA10/ 11/ 12 100A/ 160A/ 250A) 3VA9388-0LB10 (for 3VA13/ 14 400A/ 630A) 3VA9588-0LB10 (3VA15 800/ 1000A)	5255.- 6925.- 14950.-	3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)	6925.- 14950.-
Motorised drive - (Motorised operator - MO) 110-230V AC/ 110-250VDC	3VA9157-0HA20 (for 3VA11 160A) 3VA9257-0HA20 (for 3VA12 250A) 3VA9467-0HA20 (for 3VA13/ 14 400A/ 630A)	57785.- 75630.- 89290.-	3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)	75630.- 89290.-
Spreader links - Broadened (with phase barriers)	3VA9153-0QC50 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA9154-0QC50 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA9253-0QC50 (for 3pole, 3VA12 250A) 3VA9254-0QC50 (for 4pole, 3VA12 250A) 3VA9483-0QC50 (for 3pole 3VA13/ 14 400A/ 630A) 3VA9484-0QC50 (for 4pole 3VA13/ 14 400A/ 630A)	2590.- 3310.- 3235.- 4290.- 4325.- 5610.-	3VA9263-0QC50 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9264-0QC50 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9483-0QC50 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA9484-0QC50 (for 4pole, 3VA23/ 24 400A/ 630A)	3490.- 4550.- 4325.- 5610.-
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)	15850.- 21180.-	3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)	15850.- 21180.-
Rear Terminals - Flat 1 set = 2 short + 1 Long (3pole) / 2 short + 2 Long (4pole)	3VA9113-0QE00 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA9114-0QE00 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA9213-0QE00 (for 3pole, 3VA12 250A) 3VA9214-0QE00 (for 4pole, 3VA12 250A) 3VA9403-0QE00 (for 3pole, 3VA13/ 14 400A/ 630A) 3VA9404-0QE00 (for 4pole, 3VA13/ 14 400A/ 630A)	5905.- 7980.- 7550.- 10090.- 12250.- 16340.-	3VA9203-0QE00 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9204-0QE00 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9403-0QE00 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA9404-0QE00 (for 4pole, 3VA23/ 24 400A/ 630A)	7550.- 10090.- 12250.- 16340.-
Phase Barriers (1 set = 2 phase barriers)	3VA9152-0WA00 (for 3VA10/ 11 100A/ 160A) 3VA9252-0WA00 (for 3VA12 250A) 3VA9482-0WA00 (for 3VA13/ 14 400A/ 630A) 3VA9602-0WA00 (for 3VA15 800A/ 1000A)	1120.- 1120.- 2650.- 2665.-	3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)	1120.- 2650.- 2665.-
3VA Adapter for mounting on 8US 60mm busbar system	8US1213-4AU01 (for 3pole, 3VA10/ 11) 8US1213-4AP03 (for 3-pole, 3VA12) 8US1213-4AH04 (for 3pole, 3VA13/ 14)	POR	8US1213-4AP03 (for 3VA20/ 21/ 22) 8US1213-4AH04 (for 3VA23/ 24)	POR

Notes:

The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively

For higher breaking capacities (110kA and 150kA) and other special application MCCB, please contact your nearest Siemens Sales Office.

For side mounted handles please contact your nearest Siemens Sales Office.

@ 1 set contains rotary mechanism, coupler, shaft and 8UC Front drive.

Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole; and 4 nos. links and 3 nos. phase barriers in case of 4 pole.

1) Door mounted rotary handles are not available for 1pole/ 2pole 3VA1 MCCBs

^ 3VA2 800A/1000A/1250A, extended rotary operator imported version (with 8UD handles)

Standard packing of 3VA26 1250A MCCB includes spreaders & phase barriers

Std. Pkg. = 1 unit * LP - List Price POR: Price On Request



SENTRON 3VA27 moulded case circuit breakers



- Line, motor, starter protection and non-automatic circuit breaker
- Rated currents 800A to 1600A (3pole/ 4pole)
- Fixed & Draw-out variants
- Toggle lever or Stored-energy Operator (factory fitted)
- Interchangeable ETU LI/ LSI/ LSIG protection
- Short-circuit breaking capacity 55kA to 110 kA @ 415 V AC
- Communication via Modbus TCP, Modbus RTU, PROFIBUS & PROFINET
- Metering function according to IEC 61557-12

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz $ (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AB03-0AA0	790885.-	3VA2712-5AB13-0AA0	1063740.-
		1600	3VA2716-5AB03-0AA0	1094570.-	3VA2716-5AB13-0AA0	1472975.-
	85kA	1250	3VA2712-6AB03-0AA0	868850.-	3VA2712-6AB13-0AA0	1169275.-
		1600	3VA2716-6AB03-0AA0	1201750.-	3VA2716-6AB13-0AA0	1619130.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSIG, Ics = 100% Icu, 415VAC, 50Hz $ (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AD03-0AA0	855850.-	3VA2712-5AD13-0AA0	1127060.-
		1600	3VA2716-5AD03-0AA0	1157900.-	3VA2716-5AD13-0AA0	1536295.-
	85kA	1250	3VA2712-6AD03-0AA0	932170.-	3VA2712-6AD13-0AA0	1234230.-
		1600	3VA2716-6AD03-0AA0	1265120.-	3VA2716-6AD13-0AA0	1688945.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	13030.-	1
	Alarm switch (TAS)	3VW9011-0AH14	6430.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	29965.- 29965.-	1
	Under voltage release (UVR)			
	110-120 V AC 50/60 Hz 220-240 V AC 50/60 Hz 415-440 V AC 50/60 Hz	3VW9011-0AE05 3VW9011-0AE07 3VW9011-0AE18	32435.- 32435.- 32435.-	1
	Extended Door Mounted Rotary Operator ^ (Standard - Gray)	3VW9727-0FK21	28840.-	1

$ Toggle lever variants ^3VA27 extended door mounted rotary operator (imported) with 8UD handles
All MCCBs are suitable for Front Terminals connection only.
Accessories can also be offered in factory fitted options
Please contact your nearest Siemens Sales Office for more Auxiliary combinations & choice of accessories

Std. Pkg. = 1 unit * LP - List Price



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The 3VA moulded case circuit breaker with UL certification

We have good news for machine and switchgear manufacturers who export worldwide: The 3VA5 and 3VA6 series of our 3VA moulded case circuit breakers with UL certification comply with the UL 489 standard as well as the IEC 60947 standard. All the functionalities of this modular and highly variable moulded case circuit breaker system can be used in plants that are operated, for example, in North America or Europe. The 3VA moulded case circuit breaker: One system. Worldwide application.

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3VM moulded case circuit breaker

Efficient. Powerful.

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole options
- Breaking Capacity: 16kA to 55kA
- Fixed mounted, Plug-in version available
- Thermal Magnetic Trip Units (FTFM, ATFM, FM & AM)
- Available up to 500Vac / 500Vdc applications
- Universal platform of accessories across all sizes
- Type-2 coordination chart available for motor application

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Certifications:

- Lloyd's Register (LR)
- Det Norske Veritas (DNV)
- Bureau Veritas (BV)
- American Bureau of Shipping (ABS)
- Russian Maritime Register of Shipping (RMRS)
- UK Declaration of Conformity
- EU Declaration of Conformity

SIEMENS

MCCB: SENTRON 3VM

- Rated current: 16A to 630A
- 1 pole^, 2 pole^, 3 pole & 4 pole versions
- Breaking capacity: 16kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM, AM, FM)
- Switch disconnectors
- Common Internal accessories for the entire range
- Knowledge Manager (QR Code)



SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP@ ₹	4 Pole Type	Unit MRP@ ₹
3VM10	16kA	16	3VM1096-2ED32-0AA0	24130.-	3VM1096-2ED42-0AA0	31280.-
		20	3VM1020-2ED32-0AA0	24130.-	3VM1020-2ED42-0AA0	31280.-
		25	3VM1025-2ED32-0AA0	24130.-	3VM1025-2ED42-0AA0	31280.-
		32	3VM1032-2ED32-0AA0	24130.-	3VM1032-2ED42-0AA0	31280.-
		40	3VM1040-2ED32-0AA0	24130.-	3VM1040-2ED42-0AA0	31280.-
		50	3VM1050-2ED32-0AA0	24130.-	3VM1050-2ED42-0AA0	31280.-
		63	3VM1063-2ED32-0AA0	24130.-	3VM1063-2ED42-0AA0	31280.-
		80	3VM1080-2ED32-0AA0	26370.-	3VM1080-2ED42-0AA0	34240.-
		100	3VM1010-2ED32-0AA0	28625.-	3VM1010-2ED42-0AA0	37290.-
3VM10	25kA	16	3VM1096-3ED32-0AA0	25010.-	3VM1096-3ED42-0AA0	32650.-
		20	3VM1020-3ED32-0AA0	25010.-	3VM1020-3ED42-0AA0	32650.-
		25	3VM1025-3ED32-0AA0	25010.-	3VM1025-3ED42-0AA0	32650.-
		32	3VM1032-3ED32-0AA0	25010.-	3VM1032-3ED42-0AA0	32650.-
		40	3VM1040-3ED32-0AA0	25010.-	3VM1040-3ED42-0AA0	32650.-
		50	3VM1050-3ED32-0AA0	25010.-	3VM1050-3ED42-0AA0	32650.-
		63	3VM1063-3ED32-0AA0	25010.-	3VM1063-3ED42-0AA0	32650.-
		80	3VM1080-3ED32-0AA0	27230.-	3VM1080-3ED42-0AA0	35410.-
		100	3VM1010-3ED32-0AA0	29245.-	3VM1010-3ED42-0AA0	38060.-
3VM11		125	3VM1112-3ED32-0AA0	37480.-	3VM1112-3ED42-0AA0	49495.-
		160	3VM1116-3ED32-0AA0	48890.-	3VM1116-3ED42-0AA0	61915.-

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	36kA	16	3VM1196-4ED32-0AA0	26390.-	3VM1196-4GD42-0AA0	36530.-
		20	3VM1120-4ED32-0AA0	26390.-	3VM1120-4GD42-0AA0	36530.-
		25	3VM1125-4ED32-0AA0	26390.-	3VM1125-4GD42-0AA0	36530.-
		32	3VM1132-4ED32-0AA0	26390.-	3VM1132-4GD42-0AA0	36530.-
		40	3VM1140-4ED32-0AA0	26390.-	3VM1140-4GD42-0AA0	36530.-
		50	3VM1150-4ED32-0AA0	26390.-	3VM1150-4GD42-0AA0	36530.-
		63	3VM1163-4ED32-0AA0	26390.-	3VM1163-4GD42-0AA0	36530.-
		80	3VM1180-4ED32-0AA0	27720.-	3VM1180-4GD42-0AA0	40060.-
		100	3VM1110-4ED32-0AA0	32160.-	3VM1110-4GD42-0AA0	46300.-
		125	3VM1112-4ED32-0AA0	56455.-	3VM1112-4GD42-0AA0	73400.-
		160	3VM1116-4ED32-0AA0	62365.-	3VM1116-4GD42-0AA0	81100.-
3VM12		200	3VM1220-4ED32-0AA0	67000.-	3VM1220-4GD42-0AA0	82940.-
		250	3VM1225-4ED32-0AA0	89370.-	3VM1225-4GD42-0AA0	105300.-
3VM13		320	3VM1332-4ED32-0AA0	125540.-	3VM1332-4GD42-0AA0	162530.-
		400	3VM1340-4ED32-0AA0	125540.-	3VM1340-4GD42-0AA0	162530.-
3VM14		500	3VM1450-4ED32-0AA0	162030.-	3VM1450-4GD42-0AA0	209890.-
		630	3VM1463-4ED32-0AA0	162030.-	3VM1463-4GD42-0AA0	209890.-

^ 3VM11 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

Std. Pkg. = 1 unit

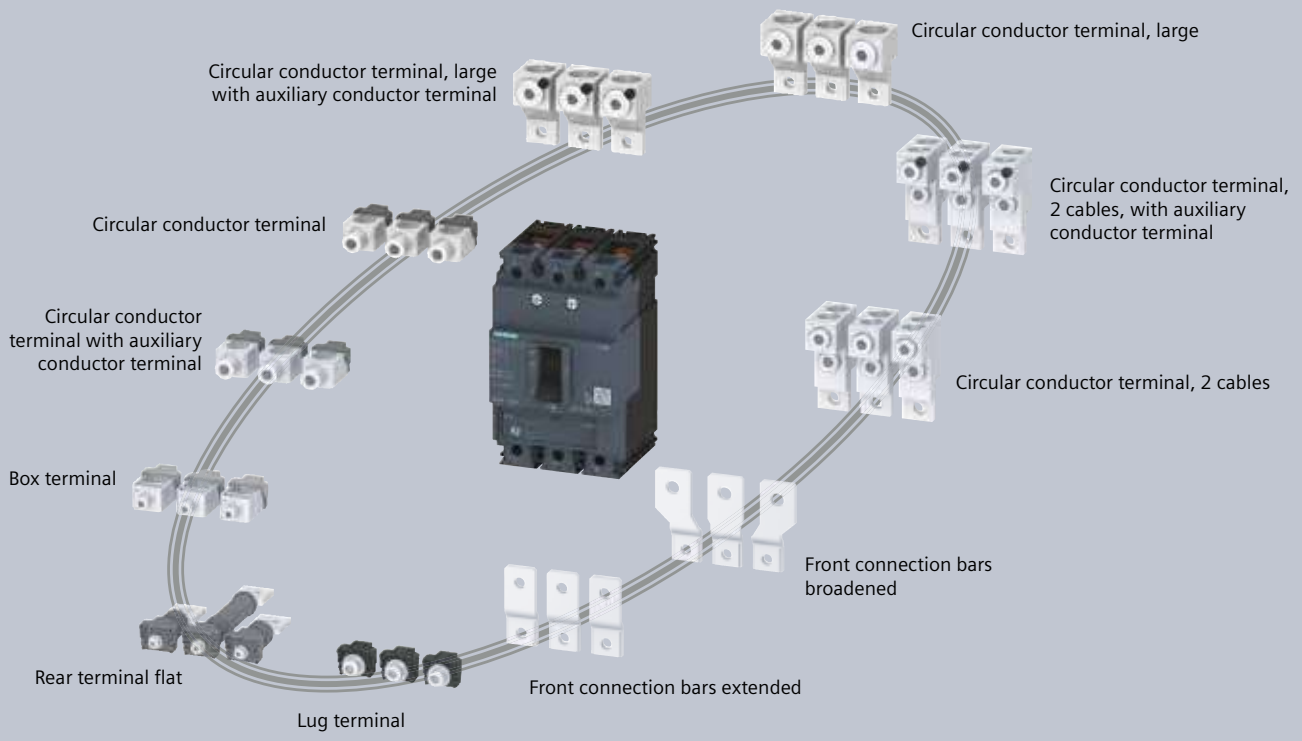
AM: Adjustable Magnetic FM: Fixed Magnetic

* LP - List Price @ MRP - Max. Retail Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz (Contd.)

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	55kA	16	3VM1196-5ED32-0AA0	30335.-	3VM1196-5GD42-0AA0	39355.-
		20	3VM1120-5ED32-0AA0	30335.-	3VM1120-5GD42-0AA0	39355.-
		25	3VM1125-5ED32-0AA0	30335.-	3VM1125-5GD42-0AA0	39355.-
		32	3VM1132-5ED32-0AA0	30335.-	3VM1132-5GD42-0AA0	39355.-
		40	3VM1140-5ED32-0AA0	30335.-	3VM1140-5GD42-0AA0	39355.-
		50	3VM1150-5ED32-0AA0	30335.-	3VM1150-5GD42-0AA0	39355.-
		63	3VM1163-5ED32-0AA0	30335.-	3VM1163-5GD42-0AA0	39355.-
		80	3VM1180-5ED32-0AA0	33235.-	3VM1180-5GD42-0AA0	43205.-
		100	3VM1110-5ED32-0AA0	38500.-	3VM1110-5GD42-0AA0	49980.-
		125	3VM1112-5ED32-0AA0	62050.-	3VM1112-5GD42-0AA0	80660.-
		160	3VM1116-5ED32-0AA0	68545.-	3VM1116-5GD42-0AA0	89185.-
3VM12		200	3VM1220-5ED32-0AA0	74150.-	3VM1220-5GD42-0AA0	93955.-
		250	3VM1225-5ED32-0AA0	96515.-	3VM1225-5GD42-0AA0	116330.-
3VM13		320	3VM1332-5ED32-0AA0	143150.-	3VM1332-5GD42-0AA0	179315.-
		400	3VM1340-5ED32-0AA0	143150.-	3VM1340-5GD42-0AA0	179315.-
3VM14		500	3VM1450-5ED32-0AA0	185140.-	3VM1450-5GD42-0AA0	231290.-
		630	3VM1463-5ED32-0AA0	185140.-	3VM1463-5GD42-0AA0	231290.-

An extensive portfolio of connection components....



..to meet ALL installation requirements.

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Adj. Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	25kA	16	3VM1196-3EE32-0AA0	29720.-	3VM1196-3GE42-0AA0	44770.-
		20	3VM1120-3EE32-0AA0	29720.-	3VM1120-3GE42-0AA0	44770.-
		25	3VM1125-3EE32-0AA0	29720.-	3VM1125-3GE42-0AA0	44770.-
		32	3VM1132-3EE32-0AA0	29720.-	3VM1132-3GE42-0AA0	44770.-
		40	3VM1140-3EE32-0AA0	29720.-	3VM1140-3GE42-0AA0	44770.-
		50	3VM1150-3EE32-0AA0	29720.-	3VM1150-3GE42-0AA0	44770.-
		63	3VM1163-3EE32-0AA0	29720.-	3VM1163-3GE42-0AA0	44770.-
		80	3VM1180-3EE32-0AA0	29720.-	3VM1180-3GE42-0AA0	44770.-
		100	3VM1110-3EE32-0AA0	29720.-	3VM1110-3GE42-0AA0	44770.-
		125	3VM1112-3EE32-0AA0	38340.-	3VM1112-3GE42-0AA0	52475.-
		160	3VM1116-3EE32-0AA0	52760.-	3VM1116-3GE42-0AA0	67160.-
3VM11	36kA	16	3VM1196-4EE32-0AA0	38435.-	3VM1196-4GE42-0AA0	50290.-
		20	3VM1120-4EE32-0AA0	38435.-	3VM1120-4GE42-0AA0	50290.-
		25	3VM1125-4EE32-0AA0	38435.-	3VM1125-4GE42-0AA0	50290.-
		32	3VM1132-4EE32-0AA0	38435.-	3VM1132-4GE42-0AA0	50290.-
		40	3VM1140-4EE32-0AA0	38435.-	3VM1140-4GE42-0AA0	50290.-
		50	3VM1150-4EE32-0AA0	38435.-	3VM1150-4GE42-0AA0	50290.-
		63	3VM1163-4EE32-0AA0	38435.-	3VM1163-4GE42-0AA0	50290.-
		80	3VM1180-4EE32-0AA0	38435.-	3VM1180-4GE42-0AA0	50290.-
		100	3VM1110-4EE32-0AA0	38435.-	3VM1110-4GE42-0AA0	50290.-
		125	3VM1112-4EE32-0AA0	59150.-	3VM1112-4GE42-0AA0	75320.-
		160	3VM1116-4EE32-0AA0	64080.-	3VM1116-4GE42-0AA0	83195.-
3VM12		200	3VM1220-4EE32-0AA0	92695.-	3VM1220-4GE42-0AA0	108180.-
		250	3VM1225-4EE32-0AA0	92695.-	3VM1225-4GE42-0AA0	108180.-
3VM13		320	3VM1332-4EE32-0AA0	125540.-	3VM1332-4GE42-0AA0	162530.-
		400	3VM1340-4EE32-0AA0	125540.-	3VM1340-4GE42-0AA0	162530.-
3VM14		500	3VM1450-4EE32-0AA0	162030.-	3VM1450-4GE42-0AA0	209890.-
		630	3VM1463-4EE32-0AA0	162030.-	3VM1463-4GE42-0AA0	209890.-
3VM11	55kA	16	3VM1196-5EE32-0AA0	43790.-	3VM1196-5GE42-0AA0	55325.-
		20	3VM1120-5EE32-0AA0	43790.-	3VM1120-5GE42-0AA0	55325.-
		25	3VM1125-5EE32-0AA0	43790.-	3VM1125-5GE42-0AA0	55325.-
		32	3VM1132-5EE32-0AA0	43790.-	3VM1132-5GE42-0AA0	55325.-
		40	3VM1140-5EE32-0AA0	43790.-	3VM1140-5GE42-0AA0	55325.-
		50	3VM1150-5EE32-0AA0	43790.-	3VM1150-5GE42-0AA0	55325.-
		63	3VM1163-5EE32-0AA0	43790.-	3VM1163-5GE42-0AA0	55325.-
		80	3VM1180-5EE32-0AA0	43790.-	3VM1180-5GE42-0AA0	55325.-
		100	3VM1110-5EE32-0AA0	43790.-	3VM1110-5GE42-0AA0	55325.-
		125	3VM1112-5EE32-0AA0	68740.-	3VM1112-5GE42-0AA0	82570.-
		160	3VM1116-5EE32-0AA0	70475.-	3VM1116-5GE42-0AA0	90950.-
3VM12		200	3VM1220-5EE32-0AA0	99610.-	3VM1220-5GE42-0AA0	118855.-
		250	3VM1225-5EE32-0AA0	99610.-	3VM1225-5GE42-0AA0	118855.-
3VM13		320	3VM1332-5EE32-0AA0	143150.-	3VM1332-5GE42-0AA0	179315.-
		400	3VM1340-5EE32-0AA0	143150.-	3VM1340-5GE42-0AA0	179315.-
3VM14		500	3VM1450-5EE32-0AA0	185140.-	3VM1450-5GE42-0AA0	231290.-
		630	3VM1463-5EE32-0AA0	185140.-	3VM1463-5GE42-0AA0	231290.-

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Motor Starter Protection, 3pole, Adjustable Magnetic (AM) trip unit

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50/60Hz)	Unit LP* ₹
3VM11	8 [1]	3VM1108-5MG32-0AA0	38135.-
	12.5 [1]	3VM1192-5MG32-0AA0	38135.-
	20	3VM1120-5MH32-0AA0	38135.-
	32	3VM1132-5MH32-0AA0	45575.-
	40	3VM1140-5MH32-0AA0	45575.-
	50	3VM1150-5MH32-0AA0	45575.-
	63	3VM1163-5MH32-0AA0	45575.-
	80	3VM1180-5MH32-0AA0	45575.-
	100	3VM1110-5MH32-0AA0	45575.-
	125	3VM1112-5MH32-0AA0	67825.-
3VM12	160	3VM1216-5MH32-0AA0	67825.-
	200	3VM1220-5MH32-0AA0	102890.-
3VM13	250	3VM1325-5MH32-0AA0	112390.-
	320	3VM1332-5MH32-0AA0	154220.-
3VM14	400	3VM1440-5MH32-0AA0	176530.-
	500	3VM1450-5MH32-0AA0	203220.-



Please refer recommended Type-2 coordination chart.

SENTRON 3VM, Switch Disconnector (without protection)

Frame Size	Rated Current In (A)	3pole Type	Unit LP* ₹	4pole Type	Unit LP* ₹
3VM11	63	3VM1163-1AA32-0AA0	28470.-	3VM1163-1AA42-0AA0	42050.-
	100	3VM1110-1AA32-0AA0	28470.-	3VM1110-1AA42-0AA0	42050.-
	125	3VM1112-1AA32-0AA0	41520.-	3VM1112-1AA42-0AA0	52260.-
	160	3VM1116-1AA32-0AA0	41520.-	3VM1116-1AA42-0AA0	52260.-
3VM12	250	3VM1225-1AA32-0AA0	69100.-	3VM1225-1AA42-0AA0	92165.-
3VM13	400	3VM1340-1AA32-0AA0	92225.-	3VM1340-1AA42-0AA0	119930.-

[1] Fixed magnetic

3VM Plug in Portfolio

16A-630A, 3P & 4P



3VM MCCB



Plug in kit

Plug in technology

- Easy to handle
- Quick Replacement
- Safe Installation

Available as complete kit and/or conversion kit. Please contact your nearest Siemens Sales Office for further information.

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM)

Frame Size	Breaking Capacity	Rated Current In (A)	1 Pole Type	Unit LP* ₹	2 Pole Type	Unit LP* ₹
3VM11	25kA[1)]	16	3VM1196-3ED12-0AA0	11105.-	3VM1196-3ED22-0AA0	19915.-
		20	3VM1120-3ED12-0AA0	11105.-	3VM1120-3ED22-0AA0	19915.-
		25	3VM1125-3ED12-0AA0	11105.-	3VM1125-3ED22-0AA0	19915.-
		32	3VM1132-3ED12-0AA0	11105.-	3VM1132-3ED22-0AA0	19915.-
		40	3VM1140-3ED12-0AA0	11105.-	3VM1140-3ED22-0AA0	19915.-
		50	3VM1150-3ED12-0AA0	11105.-	3VM1150-3ED22-0AA0	19915.-
		63	3VM1163-3ED12-0AA0	11105.-	3VM1163-3ED22-0AA0	19915.-
		80	3VM1180-3ED12-0AA0	12210.-	3VM1180-3ED22-0AA0	21810.-
		100	3VM1110-3ED12-0AA0	14090.-	3VM1110-3ED22-0AA0	25555.-
		125	3VM1112-3ED12-0AA0	22760.-	3VM1112-3ED22-0AA0	41345.-
		160	3VM1116-3ED12-0AA0	26520.-	3VM1116-3ED22-0AA0	47760.-
3VM11	36kA[1)]	16	3VM1196-4ED12-0AA0	12010.-	3VM1196-4ED22-0AA0	21810.-
		20	3VM1120-4ED12-0AA0	12010.-	3VM1120-4ED22-0AA0	21810.-
		25	3VM1125-4ED12-0AA0	12010.-	3VM1125-4ED22-0AA0	21810.-
		32	3VM1132-4ED12-0AA0	12010.-	3VM1132-4ED22-0AA0	21810.-
		40	3VM1140-4ED12-0AA0	12010.-	3VM1140-4ED22-0AA0	21810.-
		50	3VM1150-4ED12-0AA0	12010.-	3VM1150-4ED22-0AA0	21810.-
		63	3VM1163-4ED12-0AA0	12010.-	3VM1163-4ED22-0AA0	21810.-
		80	3VM1180-4ED12-0AA0	13345.-	3VM1180-4ED22-0AA0	24085.-
		100	3VM1110-4ED12-0AA0	14375.-	3VM1110-4ED22-0AA0	27815.-
		125	3VM1112-4ED12-0AA0	24670.-	3VM1112-4ED22-0AA0	44345.-
		160	3VM1116-4ED12-0AA0	28750.-	3VM1116-4ED22-0AA0	51875.-

[1)] 1pole : Icu 25kA/ 36kA @ 240VAC, 2pole : Icu 25kA/ 36kA @ 415VAC

Earth fault protection for SENTRON 3VM moulded case circuit breakers

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	10730.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910	3700.-
	4P	7UG09911	4225.-
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912	4470.-
	4P	7UG09913	5270.-
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914	6595.-
	4P	7UG09915	7140.-

Earth leakage protection for SENTRON 3VM Moulded Case Circuit Breakers

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	10385.-
	230VAC	7UG0842-1CD20	10490.-
CBCT for ELR	35 mm dia	7UG0996	3775.-
	70 mm dia	7UG0997	4320.-
	120 mm dia	7UG0999	7360.-
	210 mm dia	7UG0994	14145.-
	310 mm dia	7UG0995	21085.-

Note: Order 1 no of shunt trip release for MCCB seperately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit

* LP - List Price

Internal accessories for SENTRON 3VM10/11/12/13/14 100A-630A

MLFB	Description	Unit LP*₹
Auxiliary Switches and Alarm Switches (1 C/O)		
3VM9988-0AA12	Auxiliary Switch AUX (1 C/O)	**4420.-**
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	**4420.-**
Undervoltage releases		
3VM9908-0BB11	UVR 24V DC	**9850.-**
3VM9908-0BB12	UVR 48V DC	**9850.-**
3VM9908-0BB23	UVR 110 V AC 50/60HZ	**9850.-**
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	**9850.-**
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	**9850.-**
Shunt release (Left)		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	**7985.-**
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	**7985.-**
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	**7985.-**
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	**7985.-**
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	**7985.-**

External Accessories:

MLFB	Description	Unit LP*₹
Rotary Handles [1)]		
3VM9117-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	**4975.-**
3VM9217-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	**6275.-**
3VM9417-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	**7085.-**
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	**6305.-**
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	**8280.-**
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	**9140.-**
Spreaders (incl. Phase barriers)		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	**2605.-**
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	**3335.-**
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	**3250.-**
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	**4325.-**
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	**4360.-**
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	**5665.-**
Extended terminals (incl. Phase barriers)		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	**2195.-**
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	**2930.-**
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	**2950.-**
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	**3845.-**
Phase barriers		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	**1860.-**
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	**2585.-**
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	**2585.-**
Locking device for breaker with Toggle lever		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	**4900.-**
3VM9388-0LB10	Locking device for: 3VM13/ 14	**6470.-**
Interlocking (for MCCBs with 8UC handles)		
8UC60701YQ.. [#]	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	**12920.-**


AUX


TAS


UVR


STL

Notes:

[#] The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively

[@] 1 set contains rotary mechanism, coupler, shaft and 8UC Front drive. Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole; and 4 nos. links and 3 nos. phase barriers in case of 4 pole.

[1)] Rotary handles are not available for 1pole/ 2pole 3VM1 MCCBs

Std. Pkg. = 1 unit

* LP - List Price

THE POWER OF **SIMPLICITY**

SINOPLUS 3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit

Compact
Effcient design

Versatile
For various applications

Reliable
Siemens trusted quality

Operational efficiency
Reduced downtime



www.siemens.co.in

SIEMENS

3VJ Moulded Case Circuit Breaker

3VJ10 MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DA22-0AA0	6055.-	3VJ1096-0DA32-0AA0	7520.-	3VJ1096-0EA42-0AA0	10770.-
		20	3VJ1002-0DA22-0AA0	6055.-	3VJ1002-0DA32-0AA0	7520.-	3VJ1002-0EA42-0AA0	10770.-
		25	3VJ1092-0DA22-0AA0	6055.-	3VJ1092-0DA32-0AA0	7520.-	3VJ1092-0EA42-0AA0	10770.-
		32	3VJ1003-0DA22-0AA0	6055.-	3VJ1003-0DA32-0AA0	7520.-	3VJ1003-0EA42-0AA0	10770.-
		40	3VJ1004-0DA22-0AA0	6055.-	3VJ1004-0DA32-0AA0	7520.-	3VJ1004-0EA42-0AA0	10770.-
		50	3VJ1005-0DA22-0AA0	6055.-	3VJ1005-0DA32-0AA0	7520.-	3VJ1005-0EA42-0AA0	10770.-
		63	3VJ1006-0DA22-0AA0	6055.-	3VJ1006-0DA32-0AA0	7520.-	3VJ1006-0EA42-0AA0	10770.-
		80	3VJ1008-0DA22-0AA0	6055.-	3VJ1008-0DA32-0AA0	7520.-	3VJ1008-0EA42-0AA0	10770.-
		100	3VJ1010-0DA22-0AA0	6055.-	3VJ1010-0DA32-0AA0	7520.-	3VJ1010-0EA42-0AA0	10770.-
		125	3VJ1012-0DA22-0AA0	9360.-	3VJ1012-0DA32-0AA0	11275.-	3VJ1012-0EA42-0AA0	16150.-
	18kA	16	3VJ1096-1DA22-0AA0	8375.-	3VJ1096-1DA32-0AA0	12090.-	3VJ1096-1EA42-0AA0	15505.-
		20	3VJ1002-1DA22-0AA0	8375.-	3VJ1002-1DA32-0AA0	12090.-	3VJ1002-1EA42-0AA0	15505.-
		25	3VJ1092-1DA22-0AA0	8375.-	3VJ1092-1DA32-0AA0	12090.-	3VJ1092-1EA42-0AA0	15505.-
		32	3VJ1003-1DA22-0AA0	8375.-	3VJ1003-1DA32-0AA0	12090.-	3VJ1003-1EA42-0AA0	15505.-
		40	3VJ1004-1DA22-0AA0	8375.-	3VJ1004-1DA32-0AA0	12090.-	3VJ1004-1EA42-0AA0	15505.-
		50	3VJ1005-1DA22-0AA0	8375.-	3VJ1005-1DA32-0AA0	12090.-	3VJ1005-1EA42-0AA0	15505.-
		63	3VJ1006-1DA22-0AA0	8375.-	3VJ1006-1DA32-0AA0	12090.-	3VJ1006-1EA42-0AA0	15505.-
		80	3VJ1008-1DA22-0AA0	8375.-	3VJ1008-1DA32-0AA0	12090.-	3VJ1008-1EA42-0AA0	15505.-
		100	3VJ1010-1DA22-0AA0	8375.-	3VJ1010-1DA32-0AA0	12090.-	3VJ1010-1EA42-0AA0	15505.-
		125	3VJ1012-1DA22-0AA0	9685.-	3VJ1012-1DA32-0AA0	13860.-	3VJ1012-1EA42-0AA0	18030.-
	25kA	16	3VJ1096-3DA22-0AA0	10050.-	3VJ1096-3DA32-0AA0	13175.-	3VJ1096-3EA42-0AA0	17485.-
		20	3VJ1002-3DA22-0AA0	10050.-	3VJ1002-3DA32-0AA0	13175.-	3VJ1002-3EA42-0AA0	17485.-
		25	3VJ1092-3DA22-0AA0	10050.-	3VJ1092-3DA32-0AA0	13175.-	3VJ1092-3EA42-0AA0	17485.-
		32	3VJ1003-3DA22-0AA0	10050.-	3VJ1003-3DA32-0AA0	13175.-	3VJ1003-3EA42-0AA0	17485.-
		40	3VJ1004-3DA22-0AA0	10050.-	3VJ1004-3DA32-0AA0	13175.-	3VJ1004-3EA42-0AA0	17485.-
		50	3VJ1005-3DA22-0AA0	10050.-	3VJ1005-3DA32-0AA0	13175.-	3VJ1005-3EA42-0AA0	17485.-
		63	3VJ1006-3DA22-0AA0	10050.-	3VJ1006-3DA32-0AA0	13175.-	3VJ1006-3EA42-0AA0	17485.-
		80	3VJ1008-3DA22-0AA0	10050.-	3VJ1008-3DA32-0AA0	13175.-	3VJ1008-3EA42-0AA0	17485.-
		100	3VJ1010-3DA22-0AA0	10050.-	3VJ1010-3DA32-0AA0	13175.-	3VJ1010-3EA42-0AA0	17485.-
		125	3VJ1012-3DA22-0AA0	10050.-	3VJ1012-3DA32-0AA0	15060.-	3VJ1012-3EA42-0AA0	19220.-

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price

For single pole 3VJ MCCB, please contact your nearest Siemens Sales Office.



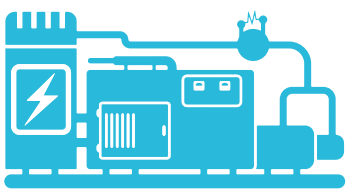
3VJ1 MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	20405.-	3VJ1216-3DA32-0AA0	23660.-	3VJ1216-3EA42-0AA0	31115.-
		200	3VJ1220-3DA22-0AA0	20640.-	3VJ1220-3DA32-0AA0	24025.-	3VJ1220-3EA42-0AA0	34170.-
		250	3VJ1225-3DA22-0AA0	20850.-	3VJ1225-3DA32-0AA0	27035.-	3VJ1225-3EA42-0AA0	35600.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-3DA32-0AA0	53555.-	3VJ1332-3EA42-0AA0	68975.-
		400	–	–	3VJ1340-3DA32-0AA0	53555.-	3VJ1340-3EA42-0AA0	68975.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	15470.-	3VJ1196-5DA32-0AA0	18395.-	3VJ1196-5EA42-0AA0	24295.-
		20	3VJ1102-5DA22-0AA0	15470.-	3VJ1102-5DA32-0AA0	18395.-	3VJ1102-5EA42-0AA0	24295.-
		25	3VJ1192-5DA22-0AA0	15470.-	3VJ1192-5DA32-0AA0	18395.-	3VJ1192-5EA42-0AA0	24295.-
		32	3VJ1103-5DA22-0AA0	15470.-	3VJ1103-5DA32-0AA0	18395.-	3VJ1103-5EA42-0AA0	24295.-
		40	3VJ1104-5DA22-0AA0	15470.-	3VJ1104-5DA32-0AA0	18395.-	3VJ1104-5EA42-0AA0	24295.-
		50	3VJ1105-5DA22-0AA0	15470.-	3VJ1105-5DA32-0AA0	18395.-	3VJ1105-5EA42-0AA0	24295.-
		63	3VJ1106-5DA22-0AA0	15470.-	3VJ1106-5DA32-0AA0	18395.-	3VJ1106-5EA42-0AA0	24295.-
		80	3VJ1108-5DA22-0AA0	15470.-	3VJ1108-5DA32-0AA0	18935.-	3VJ1108-5EA42-0AA0	25050.-
		100	3VJ1110-5DA22-0AA0	15470.-	3VJ1110-5DA32-0AA0	18935.-	3VJ1110-5EA42-0AA0	25050.-
		125	3VJ1112-5DA22-0AA0	15470.-	3VJ1112-5DA32-0AA0	20830.-	3VJ1112-5EA42-0AA0	27220.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	21520.-	3VJ1216-5DA32-0AA0	26490.-	3VJ1216-5EA42-0AA0	32220.-
		200	3VJ1220-5DA22-0AA0	22675.-	3VJ1220-5DA32-0AA0	32665.-	3VJ1220-5EA42-0AA0	42155.-
		250	3VJ1225-5DA22-0AA0	25590.-	3VJ1225-5DA32-0AA0	37540.-	3VJ1225-5EA42-0AA0	48310.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-5DA32-0AA0	54895.-	3VJ1332-5EA42-0AA0	70315.-
		400	–	–	3VJ1340-5DA32-0AA0	54895.-	3VJ1340-5EA42-0AA0	70315.-
3VJ14 (VJ1 630)		500	–	–	3VJ1450-5DA32-0AA0	82345.-	3VJ1450-5EA42-0AA0	105480.-
		630	–	–	3VJ1463-5DA32-0AA0	82345.-	3VJ1463-5EA42-0AA0	105480.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DA22-0AA0	16270.-	3VJ1196-7DA32-0AA0	23530.-	3VJ1196-7EA42-0AA0	31045.-
		20	3VJ1102-7DA22-0AA0	16270.-	3VJ1102-7DA32-0AA0	23530.-	3VJ1102-7EA42-0AA0	31045.-
		25	3VJ1192-7DA22-0AA0	16270.-	3VJ1192-7DA32-0AA0	23530.-	3VJ1192-7EA42-0AA0	31045.-
		32	3VJ1103-7DA22-0AA0	16270.-	3VJ1103-7DA32-0AA0	23530.-	3VJ1103-7EA42-0AA0	31045.-
		40	3VJ1104-7DA22-0AA0	16270.-	3VJ1104-7DA32-0AA0	23530.-	3VJ1104-7EA42-0AA0	31045.-
		50	3VJ1105-7DA22-0AA0	16270.-	3VJ1105-7DA32-0AA0	23530.-	3VJ1105-7EA42-0AA0	31045.-
		63	3VJ1106-7DA22-0AA0	16270.-	3VJ1106-7DA32-0AA0	23530.-	3VJ1106-7EA42-0AA0	31045.-
		80	3VJ1108-7DA22-0AA0	16270.-	3VJ1108-7DA32-0AA0	23530.-	3VJ1108-7EA42-0AA0	31045.-
		100	3VJ1110-7DA22-0AA0	16270.-	3VJ1110-7DA32-0AA0	23530.-	3VJ1110-7EA42-0AA0	31045.-
		125	3VJ1112-7DA22-0AA0	16270.-	3VJ1112-7DA32-0AA0	25890.-	3VJ1112-7EA42-0AA0	34140.-
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	23330.-	3VJ1216-7DA32-0AA0	32770.-	3VJ1216-7EA42-0AA0	43285.-
		200	3VJ1220-7DA22-0AA0	23795.-	3VJ1220-7DA32-0AA0	37680.-	3VJ1220-7EA42-0AA0	49760.-
		250	3VJ1225-7DA22-0AA0	26060.-	3VJ1225-7DA32-0AA0	43330.-	3VJ1225-7EA42-0AA0	57235.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-7DA32-0AA0	56240.-	3VJ1332-7EA42-0AA0	72330.-
		400	–	–	3VJ1340-7DA32-0AA0	56240.-	3VJ1340-7EA42-0AA0	72330.-
3VJ14 (VJ1 630)		500	–	–	3VJ1450-7DA32-0AA0	84355.-	3VJ1450-7EA42-0AA0	108475.-
		630	–	–	3VJ1463-7DA32-0AA0	84355.-	3VJ1463-7EA42-0AA0	108475.-

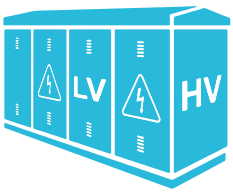
Notes:

Phase barriers are included in the standard MCCB packing

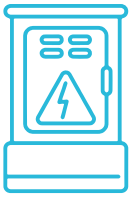
^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price



Diesel Generator



Compact Substation



Utility Feeder Panel

3VJ10 MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DB32-0AA0	9575.-	3VJ1096-0EB42-0AA0	12930.-
		20	3VJ1002-0DB32-0AA0	9575.-	3VJ1002-0EB42-0AA0	12930.-
		25	3VJ1092-0DB32-0AA0	9575.-	3VJ1092-0EB42-0AA0	12930.-
		32	3VJ1003-0DB32-0AA0	9575.-	3VJ1003-0EB42-0AA0	12930.-
		40	3VJ1004-0DB32-0AA0	9575.-	3VJ1004-0EB42-0AA0	12930.-
		50	3VJ1005-0DB32-0AA0	9575.-	3VJ1005-0EB42-0AA0	12930.-
		63	3VJ1006-0DB32-0AA0	9575.-	3VJ1006-0EB42-0AA0	12930.-
		80	3VJ1008-0DB32-0AA0	9575.-	3VJ1008-0EB42-0AA0	12930.-
		100	3VJ1010-0DB32-0AA0	9575.-	3VJ1010-0EB42-0AA0	12930.-
		125	3VJ1012-0DB32-0AA0	13775.-	3VJ1012-0EB42-0AA0	19440.-
	18kA	16	3VJ1096-1DB32-0AA0	14480.-	3VJ1096-1EB42-0AA0	18580.-
		20	3VJ1002-1DB32-0AA0	14480.-	3VJ1002-1EB42-0AA0	18580.-
		25	3VJ1092-1DB32-0AA0	14480.-	3VJ1092-1EB42-0AA0	18580.-
		32	3VJ1003-1DB32-0AA0	14480.-	3VJ1003-1EB42-0AA0	18580.-
		40	3VJ1004-1DB32-0AA0	14480.-	3VJ1004-1EB42-0AA0	18580.-
		50	3VJ1005-1DB32-0AA0	14480.-	3VJ1005-1EB42-0AA0	18580.-
		63	3VJ1006-1DB32-0AA0	14480.-	3VJ1006-1EB42-0AA0	18580.-
		80	3VJ1008-1DB32-0AA0	14480.-	3VJ1008-1EB42-0AA0	18580.-
		100	3VJ1010-1DB32-0AA0	14480.-	3VJ1010-1EB42-0AA0	18580.-
		125	3VJ1012-1DB32-0AA0	16595.-	3VJ1012-1EB42-0AA0	21610.-
	25kA	16	3VJ1096-3DB32-0AA0	16630.-	3VJ1096-3EB42-0AA0	22060.-
		20	3VJ1002-3DB32-0AA0	16630.-	3VJ1002-3EB42-0AA0	22060.-
		25	3VJ1092-3DB32-0AA0	16630.-	3VJ1092-3EB42-0AA0	22060.-
		32	3VJ1003-3DB32-0AA0	16630.-	3VJ1003-3EB42-0AA0	22060.-
		40	3VJ1004-3DB32-0AA0	16630.-	3VJ1004-3EB42-0AA0	22060.-
		50	3VJ1005-3DB32-0AA0	16630.-	3VJ1005-3EB42-0AA0	22060.-
		63	3VJ1006-3DB32-0AA0	16630.-	3VJ1006-3EB42-0AA0	22060.-
		80	3VJ1008-3DB32-0AA0	16630.-	3VJ1008-3EB42-0AA0	22060.-
		100	3VJ1010-3DB32-0AA0	16630.-	3VJ1010-3EB42-0AA0	22060.-
		125	3VJ1012-3DB32-0AA0	18970.-	3VJ1012-3EB42-0AA0	24250.-

Notes:

Phase barriers are included in the standard MCCB packing

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



3VJ1 MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	26670.-	3VJ1216-3EB42-0AA0	32470.-
		200	3VJ1220-3DB32-0AA0	28805.-	3VJ1220-3EB42-0AA0	36250.-
		250	3VJ1225-3DB32-0AA0	32410.-	3VJ1225-3EB42-0AA0	42690.-
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	60660.-	3VJ1332-3EB42-0AA0	78120.-
		400	3VJ1340-3DB32-0AA0	60660.-	3VJ1340-3EB42-0AA0	78120.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	22060.-	3VJ1196-5EB42-0AA0	29130.-
		20	3VJ1102-5DB32-0AA0	22060.-	3VJ1102-5EB42-0AA0	29130.-
		25	3VJ1192-5DB32-0AA0	22060.-	3VJ1192-5EB42-0AA0	29130.-
		32	3VJ1103-5DB32-0AA0	22060.-	3VJ1103-5EB42-0AA0	29130.-
		40	3VJ1104-5DB32-0AA0	22060.-	3VJ1104-5EB42-0AA0	29130.-
		50	3VJ1105-5DB32-0AA0	22060.-	3VJ1105-5EB42-0AA0	29130.-
		63	3VJ1106-5DB32-0AA0	22060.-	3VJ1106-5EB42-0AA0	29130.-
		80	3VJ1108-5DB32-0AA0	22060.-	3VJ1108-5EB42-0AA0	29130.-
		100	3VJ1110-5DB32-0AA0	22060.-	3VJ1110-5EB42-0AA0	29130.-
		125	3VJ1112-5DB32-0AA0	24985.-	3VJ1112-5EB42-0AA0	31675.-
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	30250.-	3VJ1216-5EB42-0AA0	36790.-
		200	3VJ1220-5DB32-0AA0	39170.-	3VJ1220-5EB42-0AA0	50550.-
		250	3VJ1225-5DB32-0AA0	45030.-	3VJ1225-5EB42-0AA0	57935.-
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	62170.-	3VJ1332-5EB42-0AA0	79630.-
		400	3VJ1340-5DB32-0AA0	62170.-	3VJ1340-5EB42-0AA0	79630.-
3VJ14 (VJ1 630)		500	3VJ1450-5DB32-0AA0	93270.-	3VJ1450-5EB42-0AA0	119455.-
		630	3VJ1463-5DB32-0AA0	93270.-	3VJ1463-5EB42-0AA0	119455.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DB32-0AA0	26645.-	3VJ1196-7EB42-0AA0	35150.-
		20	3VJ1102-7DB32-0AA0	26645.-	3VJ1102-7EB42-0AA0	35150.-
		25	3VJ1192-7DB32-0AA0	26645.-	3VJ1192-7EB42-0AA0	35150.-
		32	3VJ1103-7DB32-0AA0	26645.-	3VJ1103-7EB42-0AA0	35150.-
		40	3VJ1104-7DB32-0AA0	26645.-	3VJ1104-7EB42-0AA0	35150.-
		50	3VJ1105-7DB32-0AA0	26645.-	3VJ1105-7EB42-0AA0	35150.-
		63	3VJ1106-7DB32-0AA0	26645.-	3VJ1106-7EB42-0AA0	35150.-
		80	3VJ1108-7DB32-0AA0	26645.-	3VJ1108-7EB42-0AA0	35150.-
		100	3VJ1110-7DB32-0AA0	26645.-	3VJ1110-7EB42-0AA0	35150.-
		125	3VJ1112-7DB32-0AA0	29315.-	3VJ1112-7EB42-0AA0	38670.-
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	35075.-	3VJ1216-7EB42-0AA0	46340.-
		200	3VJ1220-7DB32-0AA0	40350.-	3VJ1220-7EB42-0AA0	53270.-
		250	3VJ1225-7DB32-0AA0	46370.-	3VJ1225-7EB42-0AA0	61265.-
3VJ13 (VJ1 400)		320	3VJ1332-7DB32-0AA0	63690.-	3VJ1332-7EB42-0AA0	81925.-
		400	3VJ1340-7DB32-0AA0	63690.-	3VJ1340-7EB42-0AA0	81925.-
3VJ14 (VJ1 630)		500	3VJ1450-7DB32-0AA0	95550.-	3VJ1450-7EB42-0AA0	122870.-
		630	3VJ1463-7DB32-0AA0	95550.-	3VJ1463-7EB42-0AA0	122870.-

Notes: Phase barriers are included in the standard MCCB packing

Earth Fault Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	10730.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910	3700.-
	4P	7UG09911	4225.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911	4225.-
	4P	7UG09911	4225.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912	4470.-
	4P	7UG09913	5270.-
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915	7140.-

Earth Leakage Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	10385.-
	230VAC	7UG0842-1CD20	10490.-
CBCT for ELR	35 mm dia	7UG0996	3775.-
	70 mm dia	7UG0997	4320.-
	120 mm dia	7UG0999	7360.-
	210 mm dia	7UG0994	14145.-
	310 mm dia	7UG0995	21085.-

Note: Order 1 no of shunt trip for MCCB seperately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit * MRP - Max. Retail Price LP = List Price

3VJ1 Internal accessories

Frame Size / Accessory	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	3450.-	3VJ9218-0AN11	3560.-	3VJ9218-0AN11	3560.-	3VJ9417-0AN11	3860.-
	Right	–	–	3VJ9218-0AN21	3560.-	3VJ9218-0AN21	3560.-	3VJ9417-0AN21	3860.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	3450.-	3VJ9118-0AA11	3450.-	3VJ9218-0AA11	3560.-	3VJ9417-0AA11	3860.-
	Right	–	–	3VJ9118-0AA21	3450.-	3VJ9218-0AA21	3560.-	3VJ9417-0AA21	3860.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	5580.-	3VJ9118-0AD11	5580.-	3VJ9218-0AD11	5855.-	3VJ9417-0AD11	6655.-
	Right	–	–	3VJ9118-0AD21	5580.-	3VJ9218-0AD21	5855.-	3VJ9417-0AD21	6655.-
Shunt Trip (Right) (ST)	24V DC	–	–	3VJ9218-0ST11	7100.-	3VJ9218-0ST11	7100.-	–	–
	24V AC/DC	–	–	–	–	–	–	3VJ9417-0ST21	7985.-
	48V DC	–	–	3VJ9218-0ST12	7100.-	3VJ9218-0ST12	7100.-	–	–
	48V AC/DC	–	–	–	–	–	–	3VJ9417-0ST22	7985.-
	110V DC	3VJ9018-0ST15	5170.-	3VJ9218-0ST15	7100.-	3VJ9218-0ST15	7100.-	–	–
	110V AC/DC	–	–	–	–	–	–	3VJ9417-0ST25	7985.-
	110V AC	3VJ9018-0ST35	5170.-	3VJ9218-0ST35	7375.-	3VJ9218-0ST35	7375.-	–	–
	220V AC	3VJ9018-0ST36	5605.-	3VJ9218-0ST36	7620.-	3VJ9218-0ST36	7620.-	3VJ9417-0ST36	8785.-
	415V AC	3VJ9018-0ST37	5605.-	3VJ9218-0ST37	7620.-	3VJ9218-0ST37	7620.-	3VJ9417-0ST37	8785.-
Undervoltage Release (Left) (UVR)	24V DC	–	–	3VJ9218-0UV11	10175.-	3VJ9218-0UV11	10175.-	–	–
	48V DC	–	–	3VJ9218-0UV12	10175.-	3VJ9218-0UV12	10175.-	–	–
	220V AC	–	–	3VJ9218-0UV36	10685.-	3VJ9218-0UV36	10685.-	3VJ9417-0UV36	26630.-
	415V AC	–	–	3VJ9218-0UV37	11435.-	3VJ9218-0UV37	11435.-	3VJ9417-0UV37	26630.-

Internal accessories are available for 2P, 3P & 4P 3VJ MCCBs

3VJ1 External accessories

Frame Size / Accessory	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	–	3VJ9018-0HD11	5090.-	3VJ9118-0HD11	5480.-	3VJ9218-0HD11	6410.-	3VJ9417-0HD11	8465.-	3VJ9417-0HD11	8465.-
Spreader Links^	2P	3VJ9012-0ED00	460.-	3VJ9112-0ED00	505.-	3VJ9212-0ED00	1535.-	–	–	–	–
	3P	3VJ9013-0ED00	780.-	3VJ9113-0ED00	815.-	3VJ9213-0ED00	2480.-	3VJ9313-0ED00	4325.-	3VJ9413-0ED00	5430.-
	4P	3VJ9014-0ED00	1010.-	3VJ9114-0ED00	1050.-	3VJ9214-0ED00	3235.-	3VJ9314-0ED00	6090.-	3VJ9414-0ED00	7670.-
Phase Barriers#		3VJ9018-0CA00	360.-	3VJ9218-0CA00	565.-	3VJ9218-0CA00	565.-	3VJ9417-0CA00	640.-	3VJ9417-0CA00	640.-
Front Barriers$	2P/3P	3VJ9016-0CJ30	820.-	3VJ9116-0CJ30	980.-	3VJ9216-0CJ30	1405.-	3VJ9413-0CJ30	1830.-	3VJ9413-0CJ30	1830.-
	4P	3VJ9014-0CJ40	1150.-	3VJ9114-0CJ40	1250.-	3VJ9214-0CJ40	1645.-	3VJ9414-0CJ40	2255.-	3VJ9414-0CJ40	2255.-
Toogle handle extension	–	–	–	–	–	–	–	3VJ9417-0DH10	1445.-	3VJ9417-0DH10	1445.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	–	8UC60701YQ..	12920.-	8UC60701YQ..	12920.-	8UC60701YQ..	12920.-	8UC60702YQ..	13260.-	8UC60702YQ..	13260.-
SS Enclosures	2P/3P	3VJ9016-0DE11	5755.-	3VJ9116-0DE11	5755.-	3VJ9216-0DE12	12605.-	–	–	–	–
	4P	3VJ9014-0DE11	5755.-	3VJ9114-0DE11	5755.-	3VJ9214-0DE12	12605.-				
Padlock on MCCB Dolly/ Knob	–	–	–	3VJ9118-0LM10	2305.-	3VJ9218-0LM10	2305.-	3VJ9317-0LM10	5580.-	3VJ9317-0LM10	5580.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	–	–	3VJ9116-0VM10	6295.-	3VJ9216-0VM10	12270.-	3VJ9313-0VM10	23910.-	3VJ9313-0VM10	23910.-
	4P	–	–	3VJ9114-0VM10	6560.-	3VJ9214-0VM10	14480.-	3VJ9314-0VM10	31990.-	3VJ9314-0VM10	31990.-

Notes:
@ 1 set contains rotary mechanism, coupler, shaft & 8UC handle.
^ Spreader link 1 set = 2 nos. links in case of 2 pole; 3 nos. links in case of 3 pole; 4 nos. links in case of 4 pole.
# Available as a spare; 1 set contains 2 phase barriers
$ 1 set contains 2 front barriers (top & bottom)
Toggle handle extension is included in the standard packing of 3VJ13 & 3VJ14 MCCBs.
2P/3P SS enclosures provide inbuilt neutral link for TPN system
Padlocking devices can be used for locking MCCB in Off position
Mechanical interlocking devices can not be used along with the rotary operators
Std. Pkg. = 1 unit * MRP - Max. Retail Price

THE POWER OF **SIMPLICITY**

SINOPLUS 3VJ2 moulded case circuit breakers

Microprocessor Based Trip Unit

Compact
Effcient design

Versatile
For various applications

Reliable
Siemens trusted quality

Operational efficiency
Reduced downtime

NEW



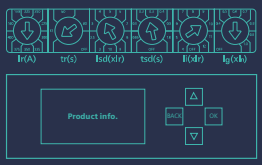
Product highlights

Range

Current rating from
63A to 630A

Ics = Icu =
36kA & 55kA

Microprocessor Based trip units



Color coded knob switches & Display options

3P, 4P
LSI, LSIG

Enhanced protection

Microprocessor trip units
L : Overload protection
S : Short time delayed short circuit protection
I : Instanstaneous short circuit protection
G : Ground fault protection

Enhanced protection

Approbations

RoHS

IEC 60947-1
General rules

IEC 60947-2
Circuit breakers

IEC 60947-5-1
Control circuit devices and switching elements - Electromechanical control circuit devices

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SIEMENS

3VJ Moulded Case Circuit Breaker

NEW

3VJ2 MCCB, Microprocessor Trip Unit, knob type LSI, Ics=100%Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹
3VJ21 (FS160)	36kA	63	3VJ2106-6JP32-0AA0	POR
		100	3VJ2110-6JP32-0AA0	
		160	3VJ2116-6JP32-0AA0	
3VJ23 (FS400)		400	3VJ2340-6JP32-0AA0	
3VJ24 (FS630)		630	3VJ2463-6JP32-0AA0	
3VJ21 (FS160)	55kA	63	3VJ2106-8JP32-0AA0	POR
		100	3VJ2110-8JP32-0AA0	
		160	3VJ2116-8JP32-0AA0	
3VJ22 (FS250)		160	3VJ2216-8JP32-0AA0	
		200	3VJ2220-8JP32-0AA0	
		250	3VJ2225-8JP32-0AA0	
3VJ23 (FS400)		400	3VJ2340-8JP32-0AA0	
3VJ24 (FS630)		630	3VJ2463-8JP32-0AA0	

3VJ2 MCCB, Microprocessor Trip Unit, knob type LSIG, Ics=100%Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VJ21 (FS160)	36kA	63	3VJ2106-6JQ32-0AA0	POR	3VJ2106-6JQ42-0AA0	POR
		100	3VJ2110-6JQ32-0AA0		3VJ2110-6JQ42-0AA0	
		160	3VJ2116-6JQ32-0AA0		3VJ2116-6JQ42-0AA0	
3VJ23 (FS400)		400	3VJ2340-6JQ32-0AA0		3VJ2340-6JQ42-0AA0	
3VJ24 (FS630)		630	3VJ2463-6JQ32-0AA0		3VJ2463-6JQ42-0AA0	
3VJ21 (FS160)	55kA	63	3VJ2106-8JQ32-0AA0	POR	3VJ2106-8JQ42-0AA0	POR
		100	3VJ2110-8JQ32-0AA0		3VJ2110-8JQ42-0AA0	
		160	3VJ2116-8JQ32-0AA0		3VJ2116-8JQ42-0AA0	
3VJ22 (FS250)		160	3VJ2216-8JQ32-0AA0		3VJ2216-8JQ42-0AA0	
		200	3VJ2220-8JQ32-0AA0		3VJ2220-8JQ420-AA0	
		250	3VJ2225-8JQ32-0AA0		3VJ2225-8JQ42-0AA0	
3VJ23 (FS400)		400	3VJ2340-8JQ32-0AA0		3VJ2340-8JQ42-0AA0	
3VJ24 (FS630)		630	3VJ2463-8JQ32-0AA0		3VJ2463-8JQ42-0AA0	

3VJ2 MCCB, Microprocessor Trip Unit, Display type LSI, Ics=100%Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹
3VJ21 (FS160)	36kA	63	3VJ2106-6KP32-0AA0	POR
		100	3VJ2110-6KP32-0AA0	
		160	3VJ2116-6KP32-0AA0	
3VJ23 (FS400)		400	3VJ2340-6KP32-0AA0	
3VJ24 (FS630)		630	3VJ2463-6KP32-0AA0	
3VJ21 (FS160)	55kA	63	3VJ2106-8KP32-0AA0	POR
		100	3VJ2110-8KP32-0AA0	
		160	3VJ2116-8KP32-0AA0	
3VJ22 (FS250)		160	3VJ2216-8KP32-0AA0	
		200	3VJ2220-8KP32-0AA0	
		250	3VJ2225-8KP32-0AA0	
3VJ23 (FS400)		400	3VJ2340-8KP32-0AA0	
3VJ24 (FS630)		630	3VJ2463-8KP32-0AA0	

POR: Price On Request

Std. Pkg. = 1 unit

* LP = List Price

3VJ2 MCCB, Microprocessor Trip Unit, Display type LSIG, Ics=100%Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VJ21 (FS160)	36kA	63	3VJ2106-6KQ32-0AA0	POR	3VJ2106-6KQ42-0AA0	POR
		100	3VJ2110-6KQ32-0AA0		3VJ2110-6KQ42-0AA0	
		160	3VJ2116-6KQ32-0AA0		3VJ2116-6KQ42-0AA0	
3VJ23 (FS400)		400	3VJ2340-6KQ32-0AA0		3VJ2340-6KQ42-0AA0	
3VJ24 (FS630)		630	3VJ2463-6KQ32-0AA0		3VJ2463-6KQ42-0AA0	
3VJ21 (FS160)	55kA	63	3VJ2106-8KQ32-0AA0	POR	3VJ2106-8KQ42-0AA0	POR
		100	3VJ2110-8KQ32-0AA0		3VJ2110-8KQ42-0AA0	
		160	3VJ2116-8KQ32-0AA0		3VJ2116-8KQ42-0AA0	
3VJ22 (FS250)		160	3VJ2216-8KQ32-0AA0		3VJ2216-8KQ42-0AA0	
		200	3VJ2220-8KQ32-0AA0		3VJ2220-8KQ42-0AA0	
		250	3VJ2225-8KQ32-0AA0		3VJ2225-8KQ42-0AA0	
3VJ23 (FS400)		400	3VJ2340-8KQ32-0AA0		3VJ2340-8KQ42-0AA0	
3VJ24 (FS630)		630	3VJ2463-8KQ32-0AA0		3VJ2463-8KQ42-0AA0	

3VJ2 MCCB Internal Accessories

Frame Size / Accessory	Coil Voltage	Accessory Compartment	3VJ21 (FS160)	Unit LP* ₹	3VJ22 (FS250)	Unit LP* ₹	3VJ23 / 3VJ24 (FS400 / FS630)	Unit LP* ₹
Aux Switch (AUX)	–	Left	3VJ9128-0AN11	POR	3VJ9228-0AN11	POR	3VJ9427-0AN11	POR
	–	Right	3VJ9128-0AN21		3VJ9228-0AN21		3VJ9427-0AN21	
Alarm Switch (AL)	–	Left	3VJ9128-0AA11		3VJ9228-0AA11		3VJ9427-0AA11	
	–	Right	3VJ9128-0AA21		3VJ9228-0AA21		3VJ9427-0AA21	
Aux + Alarm Switch (AUX + AL)	–	Left	3VJ9128-0AD11		3VJ9228-0AD11		3VJ9427-0AD11	
	–	Right	3VJ9128-0AD21		3VJ9228-0AD21		3VJ9427-0AD21	
Shunt Release (ST)	24VDC	Left	3VJ9128-0ST11		3VJ9228-0ST11		3VJ9428-0ST11	
		Right	3VJ9128-0ST21		3VJ9228-0ST21		3VJ9428-0ST21	
	230VAC	Left	3VJ9128-0ST36		3VJ9228-0ST36		3VJ9428-0ST36	
		Right	3VJ9128-0ST46		3VJ9228-0ST46		3VJ9428-0ST46	
	415VAC	Left	3VJ9128-0ST37		3VJ9228-0ST37		3VJ9428-0ST37	
		Right	3VJ9128-0ST47		3VJ9228-0ST47		3VJ9428-0ST47	
UV Release (UVR)	220VDC	Left	–		–		3VJ9428-0UV16	
		Right	3VJ9128-0UV26		3VJ9228-0UV26		–	
	230VAC	Left	–		–		3VJ9428-0UV36	
		Right	3VJ9128-0UV46		3VJ9228-0UV46		–	
	415VAC	Left	–		–		3VJ9428-0UV37	
		Right	3VJ9128-0UV47		3VJ9228-0UV47		–	

3VJ2 MCCB External Accessories

Frame Size / Accessory	No. of poles	3VJ21 (FS160)	Unit LP* ₹	3VJ22 (FS250)	Unit LP* ₹	3VJ23 (FS400)	Unit LP* ₹	3VJ24 (FS630)	Unit LP* ₹
Extended Door Mounted Rotary Operator	–	3VJ9128-0HD11	POR	3VJ9228-0HD11	POR	3VJ9427-0HD11	POR	3VJ9427-0HD11	POR
Spreader Links^	3P	3VJ9123-0ED00		3VJ9223-0ED00		3VJ9323-0ED00		3VJ9423-0ED00	
	4P	3VJ9124-0ED00		3VJ9224-0ED00		3VJ9324-0ED00		3VJ9424-0ED00	
Phase Barriers#	3P	3VJ9123-0CA00		3VJ9223-0CA00		3VJ9423-0CA00		3VJ9423-0CA00	
	4P	3VJ9124-0CA10		3VJ9224-0CA10		3VJ9424-0CA00		3VJ9424-0CA00	
Terminal Covers$	3P	3VJ9126-0CJ30		3VJ9226-0CJ30		3VJ9423-0CJ30		3VJ9423-0CJ30	
	4P	3VJ9126-0CJ40		3VJ9226-0CJ40		3VJ9423-0CJ40		3VJ9423-0CJ40	
Toggle Handle Extension	–	–		–		3VJ9427-0DH10		3VJ9427-0DH10	

Notes:

^ Spreader Link 1 set = 3 nos of links in case of 3 pole; 4 nos of links in case of 4 pole

Phase Barriers 1 set = 4 phase barriers in case of 3pole; 6 phase barriers in case of 4 pole

$ 1 no contains 1 Terminal cover (can be placed either on top or on bottom side)

POR: Price On Request Std. Pkg. = 1 unit * LP = List Price



SENTRON

Transfer control devices

3KC ATC6300 & 6500

- Suitable for Utility to DG, Utility to Utility and DG to DG changeover in combination with motorized breakers
- Automatic Load management and control of tie breaker (with ATC 6500 only)
- Communication capable via expansion modules on Modbus TCP or MODBUS RTU
- Confirms to IEC 60947-6-1
- Plug-in DI/DO expansion modules for additional functionality
- Easy parameterization through Powerconfig
- Ingress protection up to IP65

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SIEMENS

SENTRON Auto transfer controllers

In accordance with IEC 60947-6-1, IEC standard for transfer switching equipments





	3KC ATC 6300	3KC ATC 6500
Display	Yes, LCD	Yes, LCD
Network	Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems)	Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems)
Maximum rated voltage U_e	100-480V AC L-L	100-600V AC L-L
Application type	Utility – Utility Utility - DG DG - DG	Utility – Utility Utility - DG DG - DG
Number of controllable breakers	2	3
Automatic load management (load shedding)	No	Yes
Parameterization	LCD Display | USB Front interface[1)] | Communication Modules[2)]	LCD Display | USB Front interface[1)] | Communication Modules[2)]
Expansion Modules	Yes, DI/DOs | Communication Modules	Yes, DI/DOs | Communication Modules
Communication Option	Yes, MODBUS RTU/ MODBUS TCP via expansion modules	Yes, Integrated RS485 Port (MODBUS RTU) MODBUS TCP via expansion module

[1) 2)] Available as accessory. Parameterization to be done via Powerconfig

Description	Type No	Unit LP* ₹	Std. pkg. (nos.)
Automatic Transfer Controllers			
3KC ATC 6300	**3KC9000-8TL40**	**295020.-**	**1**
3KC ATC 6500	**3KC9000-8TL50**	**POR**	**1**
Accessories | Expandable DI /DO Modules (For both ATC 6300 & 6500)			
ATC6 expansion module 4DI	**3KC9000-8TL60**	**POR**	**1**
ATC6 expansion module 4DO, SSR	**3KC9000-8TL61**	**POR**	**1**
ATC6 expansion module 2DI/2DO, SSR	**3KC9000-8TL62**	**POR**	**1**
ATC6 expansion module 2DO, relay	**3KC9000-8TL63**	**POR**	**1**
ATC6 expansion module 2DI/2DO, relay	**3KC9000-8TL64**	**POR**	**1**
Expansion modules with communication interfaces (For both ATC 6300 & 6500)			
ATC6 RS 485 expansion module	**3KC9000-8TL74**	**POR**	**1**
ATC6 Ethernet expansion module	**3KC9000-8TL75**	**POR**	**1**
USB Front interface (For both ATC 6300 & 6500)			
ATC6 USB front interface	**3KC9000-8TL73**	**POR**	**1**
IP 65 Protective Gasket			
For ATC 6300 144 x 144 mm	**3KC9000-8TL67**	**POR**	**1**
For ATC 6500 171 x 131 mm	**3KC9000-8TL68**	**POR**	**1**

POR: Price On Request

* LP - List Price

Complete Auto changeover solution with SIEMENS circuit breakers

Designed and tested with

3WA



3WT*Plus*

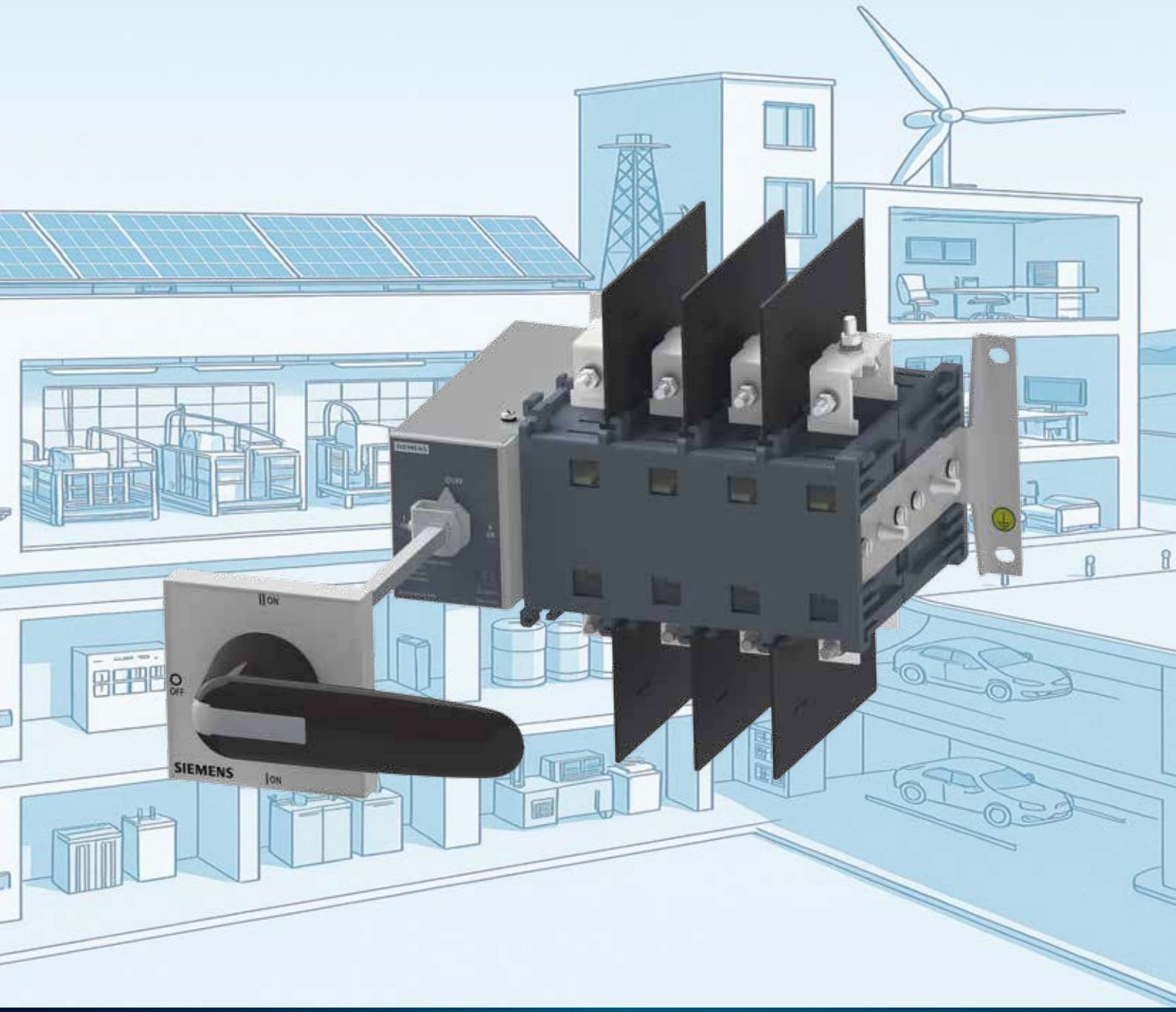


3VA



3KC





THE POWER OF **SIMPLICITY**

SINOPLUS 3KJ On Load Changeover Switches

- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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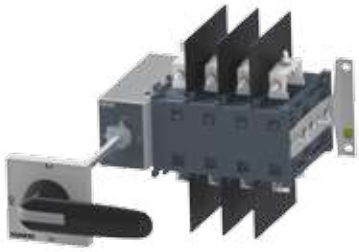
SIEMENS

Manual On Load Changeover Switch 3KJ

- 63A to 3150A in 4-pole configuration
- Open and Enclosed execution
- Comply to IS/IEC 60947-3
- Suitable for Positive isolation
- Available in AC-21 / AC-22 / AC-23 @415V 50/60Hz
- Wide portfolio of accessories and spares
- Built-in bridging bars and phase barriers
- Suitable terminals and metallic handles 1000A onwards
- Stable I-O-II positions with safe switching
- Modular range for rating 125A to 3150A





Manual On Load Changeover Switch 3KJ 4-pole, for power distribution

Series	Size	Rated current Ie @415V 50/60Hz	MCOS in Open execution	Unit MRP* ₹	MCOS in Enclosed execution	Unit MRP* ₹	Std.pkg. (nos.)
3KJ1#	1	63	3KJ1126-4AA20-0AA0	11740.-	3KJ1126-4AA20-1AA0	23215.-	1
		100	3KJ1130-4AA20-0AA0	15610.-	3KJ1130-4AA20-1AA0	27275.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	23370.-	3KJ0132-4AA20-1AA0	31775.-	1
		160	3KJ0134-4AA20-0AA0	25680.-	3KJ0134-4AA20-1AA0	36385.-	1
	2	200	3KJ0236-4AA20-0AA0	32700.-	3KJ0236-4AA20-1AA0	42085.-	1
		250	3KJ0238-4AA20-0AA0	40030.-	3KJ0238-4AA20-1AA0	52295.-	1
		315	3KJ0240-4AA20-0AA0	52445.-	3KJ0240-4AA20-1AA0	63925.-	1
		400	3KJ0242-4AA20-0AA0	76130.-	3KJ0242-4AA20-1AA0	95035.-	1
	3	630	3KJ0346-4AA20-0AA0	90535.-	3KJ0346-4AA20-1AA0	109415.-	1
		800	3KJ0348-4AA20-0AA0	131320.-	3KJ0348-4AA20-1AA0	157360.-	1
	4	1000	3KJ0450-4AA30-0AA0	247330.-	3KJ0450-4AA30-1AA0	271980.-	1
		1250	3KJ0452-4AA30-0AA0	304810.-	3KJ0452-4AA30-1AA0	351265.-	1
		1600	3KJ0454-4AA30-0AA0	388580.-	3KJ0454-4AA30-1AA0	473735.-	1
	5	2000	3KJ0556-4AA30-0AA0	598170.-	3KJ0556-4AA30-1AA0	652970.-	1
		2500	3KJ0558-4AA30-0AA0	766915.-	3KJ0558-4AA30-1AA0	835510.-	1
		3150	3KJ0560-4AA30-0AA0	986110.-	3KJ0560-4AA30-1AA0	1132495.-	1

Notes:
3KJ On Load Changeover Switch is switch disconnector type
3KJ: Unit MRPs are inclusive of Front drive (Handle), shaft, phase barriers and bridging bars
Non-Modular construction
POR: Price On Request
Refer the operating instruction sheet for complete dimensional details

Std. Pkg. = 1 unit * MRP - Max. Retail Price

Metro Solar Power Utilities

Port Crane Offshore

Metal Oil Mining

Manual On Load Changeover Switch 3KJ


Auxiliary switch


Gland box

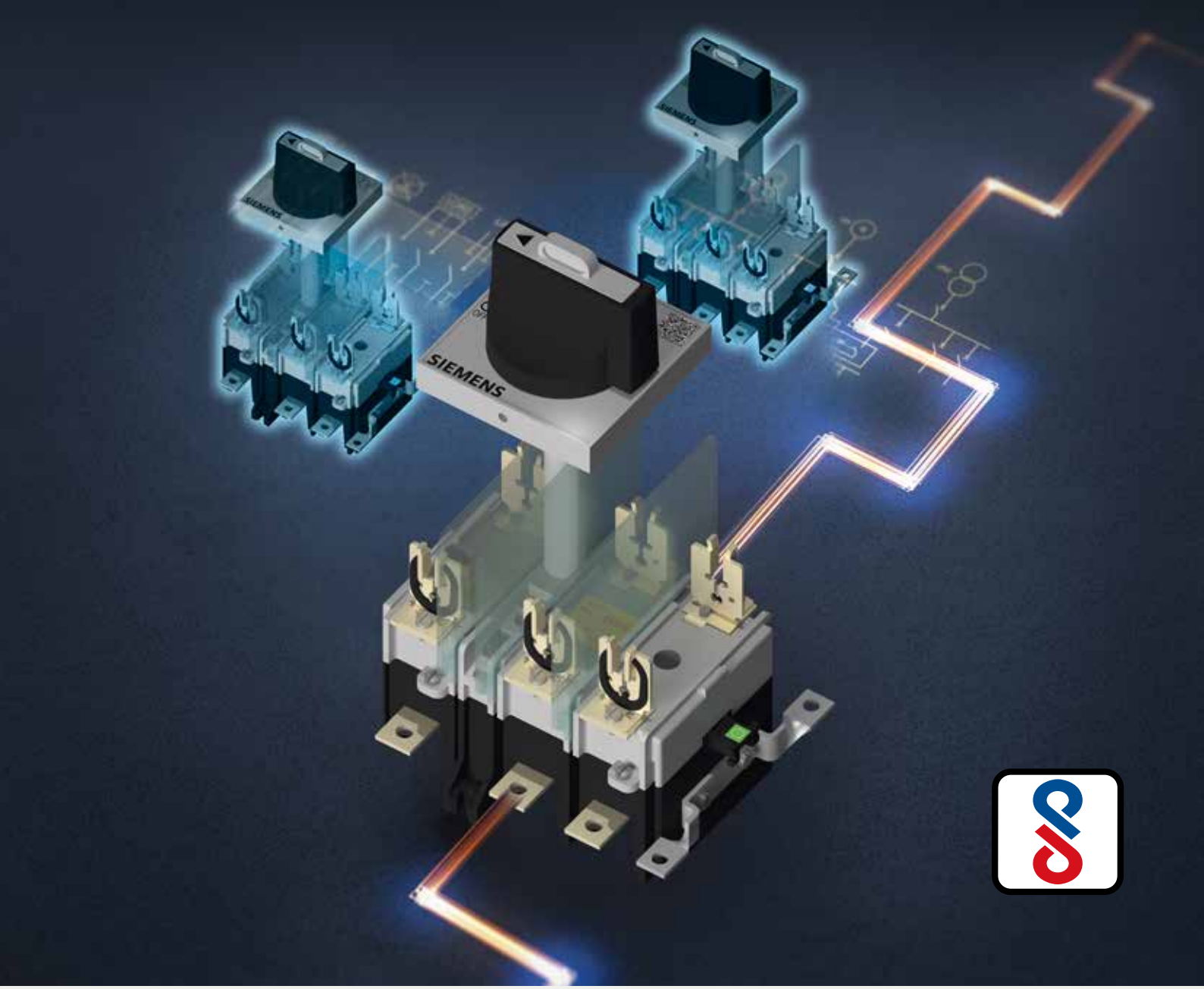
Accessories and spares

Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch [1]	1CO	3KJ9101-1AB00	1175.-					1
	2CO	3KJ9101-1AD00	2345.-					1
	1NO+1NC			3KJ9001-1AB00	3050.-	3KJ9001-5AB00	6160.-	1
	2NO+2NC			3KJ9001-1AD00	10615.-	3KJ9001-5AD00	23035.-	1
Gland box [2]	With one gland plate			3KJ9013-1MA00	6330.-	3KJ9013-2MB00	14315.-	1
Spare Phase barrier		3KJ9103-1CA00	80.-	3KJ9003-1CA00	110.-	3KJ9003-3CA00	175.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	1110.-	3KJ9006-2FT00	1110.-	3KJ9006-2FT00	1110.-	1
Spare Shaft		3KJ9107-1GA00	370.-	3KJ9007-2GA00	370.-	3KJ9007-2GA00	370.-	1
Spare pole [3]				125A 3KJ9008-1HC00	POR	200A 3KJ9008-2HE00	POR	1
				160A 3KJ9008-1HD00		250A 3KJ9008-2HF00		1
						315A 3KJ9008-2HG00		1
						400A 3KJ9008-2HH00		1
Spare Bridging bar	Load side connection	63A,100A 3KJ9102-1BA00	POR	125A,160A 3KJ9002-1BB00	POR	200A 3KJ9002-2BC00	POR	1
						250A,315A 3KJ9002-2BD00		1
						400A 3KJ9002-2BE00		1

Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary Switch [1]	1NO+1NC	3KJ9001-5AB00	6160.-	3KJ9001-5AB00	6160.-	3KJ9001-5AB00	6160.-	1
	2NO+2NC	3KJ9001-5AD00	23035.-	3KJ9001-5AD00	23035.-	3KJ9001-5AD00	23035.-	1
Gland box [2]	With one gland plate	3KJ9013-3MC00	22030.-					1
Spare Phase barrier		3KJ9003-3CA00	175.-	3KJ9003-4CA00	620.-			1
	Lower side					3KJ9003-5CA10	620.-	1
	Front side					3KJ9003-5CA20	680.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	1260.-					1
	Metallic			3KJ9006-4FM00	3660.-	3KJ9006-5FM00	3925.-	1
Spare Shaft		3KJ9007-4GA00	800.-	3KJ9007-4GA00	800.-	3KJ9007-5GA00	800.-	1
Spare pole [3]		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1
		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1
				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00		1
Spare Extended link				1000A 3KJ9012-4LA00	POR			1
				1250A 3KJ9012-4LB00				1
				1600A 3KJ9012-4LC00				1
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A 3KJ9002-4BH00	POR			1
		800A 3KJ9002-3BG00		1250A 3KJ9002-4BJ00		2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1
				1600A 3KJ9002-4BK10 3KJ9002-4BK20		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
						3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50		1
	Line side connection					2000A 3KJ9002-5BL10		1
						2500A 3KJ9002-5BM10		1
						3150A 3KJ9002-5BN10 3KJ9002-5BN20		1

Notes:
1) Accessory - Auxiliary switch includes 2units. One each for position I and II
2) Accessory - Gland box is to be used with enclosed switches
3) Spare pole: For ratings 2000A, 2500A and 3150A. Use 2units of 1000A, 1250A and 1600A
POR: Price On Request

Std. Pkg. = 1 unit * MRP - Max. Retail Price



SUPERSWITCH

Switch Disconnector Fuse - **3KL8**

Safe. Reliable. Efficient.

- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders
- QCO Certification: Size 3, 3KL8 SDF is now QCO certified

SIEMENS

Superswitch 3KL8

- Wide range : Up to 800A in SDF and 1600A in SD
- Available in 2P,3P,3PN & 4P variants
- Suitable for isolation as per IS/IEC 60947-3
- Unique positive off indication
- Suitable for AC23A Duty @ 690V AC, 50Hz
- Roller contacts with high operating life
- IP65 handle with door interlock
- Wide range of accessories
- Suitable for power distribution as well as motor protection



4P



3PN



3P



2P

Switch disconnector fuse: 3KL8 4-pole, for power distribution (in Open Execution)

Rated current I_e @690V< 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	8425.-	3KL8111-4TJ00	8560.-	3KL8111-4TC00	8750.-	1
32A	3KL8121-4TA00	8720.-	3KL8121-4TJ00	9390.-	3KL8121-4TC00	9445.-	1
63A	3KL8151-4TA00	11730.-	3KL8151-4TJ00	11900.-	3KL8151-4TC00	12385.-	1
100A	3KL8171-4TA00	17610.-	–	–	–	–	1
100A	3KL8211-4TA00	25300.-	3KL8211-4TJ00	27590.-	–	–	1
125A	3KL8221-4TA00	30995.-	3KL8221-4TJ00	32845.-	–	–	1
160A	3KL8231-4TA00	34415.-	3KL8231-4TJ00	39905.-	–	–	1
200A	3KL8311-4UA00	49380.-	3KL8311-4UJ00	51840.-	–	–	1
250A	3KL8321-4UA00	57535.-	3KL8321-4UJ00	61440.-	–	–	1
315A	3KL8331-4UA00	69245.-	3KL8331-4UJ00	75810.-	–	–	1
400A	3KL8341-4UA00	76195.-	3KL8341-4UJ00	87575.-	–	–	1
500A	3KL8411-4UA00	123745.-	3KL8411-4UJ00	141150.-	–	–	1
630A	3KL8421-4UA00	128300.-	3KL8421-4UJ00	146255.-	–	–	1
800A$	3KL8431-4UA00	151640.-	3KL8431-4UJ00	158480.-	–	–	1

Switch disconnector fuse:3KL8 3PN for power distribution and motor protection (Open Execution)

Rated current I_e @690V< 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-5TA00	7480.-	3KL8111-5TJ00	7500.-	3KL8111-5TC00	7540.-	1
32A	3KL8121-5TA00	7595.-	3KL8121-5TJ00	7645.-	3KL8121-5TC00	7710.-	1
63A	3KL8151-5TA00	10200.-	3KL8151-5TJ00	10410.-	3KL8151-5TC00	10505.-	1
100A	3KL8171-5TA00	14610.-	–	–	–	–	1
100A	3KL8211-5TA00	20345.-	3KL8211-5TJ00	20525.-	–	–	1
125A	3KL8221-5TA00	26190.-	3KL8221-5TJ00	26300.-	–	–	1
160A	3KL8231-5TA00	28025.-	3KL8231-5TJ00	28145.-	–	–	1
200A	3KL8311-5UA00	38460.-	3KL8311-5UJ00	39620.-	–	–	1
250A	3KL8321-5UA00	43690.-	3KL8321-5UJ00	44875.-	–	–	1
315A	3KL8331-5UA00	52020.-	3KL8331-5UJ00	52895.-	–	–	1
400A	3KL8341-5UA00	62690.-	3KL8341-5UJ00	63620.-	–	–	1
500A	3KL8411-5UA00	100830.-	3KL8411-5UJ00	103145.-	–	–	1
630A	3KL8421-5UA00	106195.-	3KL8421-5UJ00	111715.-	–	–	1
800A$	3KL8431-5UA00	113240.-	3KL8431-5UJ00	121045.-	–	–	1

Switch disconnector fuse: 3KL8 3-pole, for motor protection (in Open Execution)

Rated current I_e @ 690V< 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	7260.-	1
32A	3KL8121-1TA00	7400.-	1
63A	3KL8151-1TA00	10045.-	1
100A	3KL8211-1TA00	19980.-	1
125A	3KL8221-1TA00	25410.-	1
160A	3KL8231-1TA00	27460.-	1
200A	3KL8311-1UA00	37265.-	1
250A	3KL8321-1UA00	43445.-	1
315A	3KL8331-1UA00	51235.-	1
400A	3KL8341-1UA00	61690.-	1
500A	3KL8411-1UA00	99290.-	1
630A	3KL8421-1UA00	105530.-	1
800A$	3KL8431-1UA00	112540.-	1

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

$ 3KL8431 (800A): 710A with fuse cover

< 415V AC for size 3, 3KL83 SDF

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Please scan the QR code for brochure and Operation manual (OM)

Refer the OM for changes in dimension

Superswitch 3KL8

Switch disconnector fuse: 3KL8 2-pole (Open Execution)



Rated current I_e @690V< 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A@	3KL8111-2TA00	6760.-	–	–	3KL8111-2TC00	6900.-	1
32A@	3KL8121-2TA00	6900.-	–	–	3KL8121-2TC00	7195.-	1
63A@	3KL8151-2TA00	8975.-	–	–	3KL8151-2TC00	9055.-	1
100A@	3KL8171-2TA00	13885.-	–	–	–	–	1
100A	3KL8211-2TA00	19110.-	3KL8211-2TJ00	19550.-	–	–	1
125A	3KL8221-2TA00	22145.-	3KL8221-2TJ00	24120.-	–	–	1
160A	3KL8231-2TA00	23030.-	3KL8231-2TJ00	25985.-	–	–	1
200A	3KL8311-2UA00	33470.-	3KL8311-2UJ00	36580.-	–	–	1
250A	3KL8321-2UA00	36450.-	3KL8321-2UJ00	40390.-	–	–	1
315A	3KL8331-2UA00	44360.-	3KL8331-2UJ00	47050.-	–	–	1
400A	3KL8341-2UA00	52835.-	3KL8341-2UJ00	55550.-	–	–	1
500A	3KL8411-2UA00	83435.-	3KL8411-2UJ00	97150.-	–	–	1
630A	3KL8421-2UA00	85345.-	3KL8421-2UJ00	98570.-	–	–	1
800A$	3KL8431-2UA00	111010.-	3KL8431-2UJ00	111385.-	–	–	1

Switch disconnector fuse in SS^ Enclosure (factory fitted)>



Rated current I_e @690V< 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	15640.-	3KL8111-4TA10	18030.-	1
	BS	3KL8111-5TJ10	15780.-	3KL8111-4TJ10	18065.-	1
	CYL	3KL8111-5TC10	15860.-	3KL8111-4TC10	18215.-	1
32A	DIN	3KL8121-5TA10	16735.-	3KL8121-4TA10	18600.-	1
	BS	3KL8121-5TJ10	16780.-	3KL8121-4TJ10	18810.-	1
	CYL	3KL8121-5TC10	16865.-	3KL8121-4TC10	18875.-	1
63A	DIN	3KL8151-5TA10	18580.-	3KL8151-4TA10	21925.-	1
	BS	3KL8151-5TJ10	18650.-	3KL8151-4TJ10	22470.-	1
	CYL	3KL8151-5TC10	18800.-	3KL8151-4TC10	22550.-	1
100A	DIN	3KL8211-5TA10	29790.-	3KL8211-4TA10	35315.-	1
	BS	3KL8211-5TJ10	30665.-	3KL8211-4TJ10	35670.-	1
125A	DIN	3KL8221-5TA10	35300.-	3KL8221-4TA10	42530.-	1
	BS	3KL8221-5TJ10	35570.-	3KL8221-4TJ10	43870.-	1
160A	DIN	3KL8231-5TA10	37880.-	3KL8231-4TA10	46750.-	1
	BS	3KL8231-5TJ10	38165.-	3KL8231-4TJ10	47065.-	1
200A	DIN	3KL8311-5UA10	54620.-	3KL8311-4UA10	76330.-	1
	BS	3KL8311-5UJ10	55050.-	3KL8311-4UJ10	78085.-	1
250A	DIN	3KL8321-5UA10	61925.-	3KL8321-4UA10	81275.-	1
	BS	3KL8321-5UJ10	62350.-	3KL8321-4UJ10	81850.-	1
315A	DIN	3KL8331-5UA10	73660.-	3KL8331-4UA10	96745.-	1
	BS	3KL8331-5UJ10	74065.-	3KL8331-4UJ10	97220.-	1
400A	DIN	3KL8341-5UA10	84960.-	3KL8341-4UA10	108475.-	1
	BS	3KL8341-5UJ10	86050.-	3KL8341-4UJ10	108930.-	1
500A	DIN	3KL8411-5UA10	126520.-	3KL8411-4UA10	159540.-	1
	BS	3KL8411-5UJ10	126900.-	3KL8411-4UJ10	161255.-	1
630A	DIN	3KL8421-5UA10	133205.-	3KL8421-4UA10	169420.-	1
	BS	3KL8421-5UJ10	133585.-	3KL8421-4UJ10	169915.-	1
800A$	DIN	3KL8431-5UA10	142990.-	3KL8431-4UA10	181880.-	1
	BS	3KL8431-5UJ10	143370.-	3KL8431-4UJ10	182360.-	1

SS ^ Enclosure for 3KL8/ 3KA8

Rated current I_e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	10625.-	1
200A-400A	3KX8345-4AC	14150.-	1
500A-800A	3KX8435-4AC 1)	23190.-	1
200A-800A	3KX8435-4AG # 2)	39820.-	1

^ SS stands for Sheet Steel

\# Enclosure for 4-pole SDF / SD type 3KL83/4 & 3KA83/4

1) SD (except 4-pole) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DC (2nos.)

2) SD (4-pole only) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DG (2nos.)

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

@ In 3P housing

^ SS stands for Sheet Steel

> 3KL8 in SS Enclosure:Includes 3KL8 SDF without fuses,SS Enclosure, front drive (Handle) and phase barriers

$ 3KL8431 (800A): 710A with fuse cover

< 415V AC for size 3, 3KL83 SDF

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Refer the brochure for fuse selection guide

Refer the OM for changes in dimension

The Enclosures are open at both top and bottom, Kindly order separate gland plates. Refer Accessories for Superswitch 3KL8/3KA8

Superswitch 3KA8



Switch Disconnector: 3KA8 for power distribution (in Open Execution)

Rated current I_e @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00@	7910.-	3KA8151-5TE00	9540.-	3KA8151-4TE00	13565.-	1
100A	–	–	3KA8171-5TE00	14830.-	3KA8171-4TE00	27290.-	1
100A	3KA8211-2TE00	13840.-	3KA8211-5TE00	18865.-	3KA8211-4TE00	31550.-	1
125A	3KA8221-2TE00	17375.-	3KA8221-5TE00	21665.-	3KA8221-4TE00	33890.-	1
160A	3KA8231-2TE00	23160.-	3KA8231-5TE00	28190.-	3KA8231-4TE00	42695.-	1
200A	3KA8311-2UE00	29440.-	3KA8311-5UE00	36400.-	3KA8311-4UE00	49555.-	1
250A	3KA8321-2UE00	32220.-	3KA8321-5UE00	38435.-	3KA8321-4UE00	60870.-	1
400A	3KA8341-2UE00	44695.-	3KA8341-5UE00	56830.-	3KA8341-4UE00	82970.-	1
630A$	3KA842□-2UE00	71695.-	3KA842□-5UE00	90215.-	3KA842□-4UE00	118750.-	1
800A$	3KA843□-2UE00	74815.-	3KA843□-5UE00	93100.-	3KA843□-4UE00	136285.-	1
1000A$	3KA844□-2UE00	100110.-	3KA844□-5UE00	133735.-	3KA844□-4UE00	167940.-	1
1250A$	3KA845□-2UE00	131630.-	3KA845□-5UE00	173485.-	3KA845□-4UE00	201880.-	1
1600A$	3KA846□-2UE00	151800.-	3KA846□-5UE00	192000.-	3KA846□-4UE00	271900.-	1

□ - 2: Top Incoming
□ - 3: Bottom Incoming

@ In 3P housing
$ Utilization category AC21A @690V AC (1600A: @500V AC)

Notes:
2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole
3KA8: Unit MRPs are inclusive of Front drive (Handle)
Please scan the QR code for Catalog and Operating instruction sheets (OIS)
Refer the OIS for changes in dimension

Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41	Unit MRP* ₹	3KL84 11/21/31 3KA84 2/3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)
Fuse cover [2]	2P	DIN	3KX8150-0AE [5]	690.-	3KX8230-0JF	1690.-	3KX8340-0AF	2485.-	3KX8430-0JF	3520.-	1
		BS			3KX8230-0HF	1690.-			3KX8430-0HF	3520.-	1
	3P	DIN			3KX8230-0JE	1690.-	3KX8340-0AE	2485.-	3KX8430-0JE	3520.-	1
		BS			3KX8230-0HE	1690.-			3KX8430-0HE	3520.-	1
	4P	DIN	3KX8150-0AG [5]	1180.-	3KX8230-0JG	1690.-	3KX8340-0AG	2485.-	3KX8430-0JG	3520.-	1
		BS			3KX8230-0HG	1690.-			3KX8430-0HG	3520.-	1
Terminal cover (1set = 2pieces)	2P	–	3KX8151-0AE	355.-	3KX8231-0AF	1440.-	3KX8341-0AF	2705.-	3KX8431-0AF	3175.-	1
	3P	–			3KX8231-0AE	1440.-	3KX8341-0AE	2705.-	3KX8431-0AE	3175.-	1
	4P	–	3KX8151-0AG	1255.-	3KX8231-0AG	1440.-	3KX8341-0AG	2705.-	3KX8431-0AG	3175.-	1
Phase barrier	–	DIN/ BS/ Cylindrical	3KX8153-0AE	140.-	3KX8153-0AE (DIN)	140.-	3KX8343-0AE	430.-	3KX8433-0AE	655.-	1
					3KX8233-0JE (BS)	140.-					1
Fuse cover phase barrier kit [3]			–	–	–	–	3KX8340-9AE	1390.-	3KX8440-9AE	1390.-	1
Auxiliary switch (1NO+1NC)			3SB5400-0A^#	425.-	3KX3522-1YC	2005.-	3KX3552-1YC	2410.-	3KX3582-1YC	2920.-	1
Auxiliary switch (2NO+2NC)			–	–	3KX3522-1YD	3610.-	3KX3552-1YD	5220.-	3KX3582-1YD	5630.-	1
Auxiliary switch cover			3KX8154-0AC	240.-	3KX8234-0AC	240.-	–	–	–	–	1
Front drive (Handle)			8UC6114-1BB00	2470.-	8UC6214-1BB00	2795.-	8UC6314-1BB00	4220.-	8UC6414-1BB00	6170.-	1
Operating shaft (300mm)			8UC6031	685.-	8UC60-32	830.-	8UC6034	1610.-	8UC6034	1610.-	1
Castell interlock[1]^			8UC6070-0YQ..	12920.-	8UC6070-1YQ..	12920.-	8UC6070-2YQ..	13260.-	8UC6070-2YQ..	13260.-	1
Depth setting template			8UC6046-2	145.-	8UC6046-2	145.-	8UC6046-2	145.-	8UC6046-2	145.-	1
Fuse Monitor with auxiliary switch^ (1NO+1NC)			3RV1611-0BD10	22280.-	3RV1611-0BD10	22280.-	3RV1611-0BD10	22280.-	3RV1611-0BD10	22280.-	1
			3RV2901-1E	2935.-	3RV2901-1E	2935.-	3RV2901-1E	2935.-	3RV2901-1E	2935.-	1
Fuse safety barrier			3KX8150-1AC	365.-	3KX8230-1AC	475.-	–	–	–	–	1
Gland box with gland plate (1no.)			3KX8235-4DC	12335.-	3KX8235-4DC	12335.-	3KX8345-4DC	17020.-	3KX8435-4DC	25925.-	1
									3KX8435-4DG [4]	42430.-	1
Gland plate			3KX8235-4GC	2615.-	3KX8235-4GC	2615.-	3KX8345-4GC	3390.-	3KX8435-4GC	3770.-	1
									3KX8435-4GG [4]	3805.-	1

1) The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively.
2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF
3) Mandatory accessory to be ordered with fuse cover for 200A - 800A SDF
4) Accessory for 4-pole SDF with enclosure type 3KL83 & 3KL84 and SS enclosure type 3KX8435-4AG
5) Also,suitable for SDF with cylindrical type HRC fuses
Note: The above accessories e.g. Fuse Cover, Terminal Cover, Phase barrier, Fuse cover phase barrier kit & Front Drive (handle) are unique (different) and not to be used along with MLFB 3KL8...-3.A00, 3KL8...-3.J00,3KL8...-3.C00

Std. Pkg. = 1 unit * MRP - Maximum Retail Price ^ - List Price # - Std. pkg. = 10

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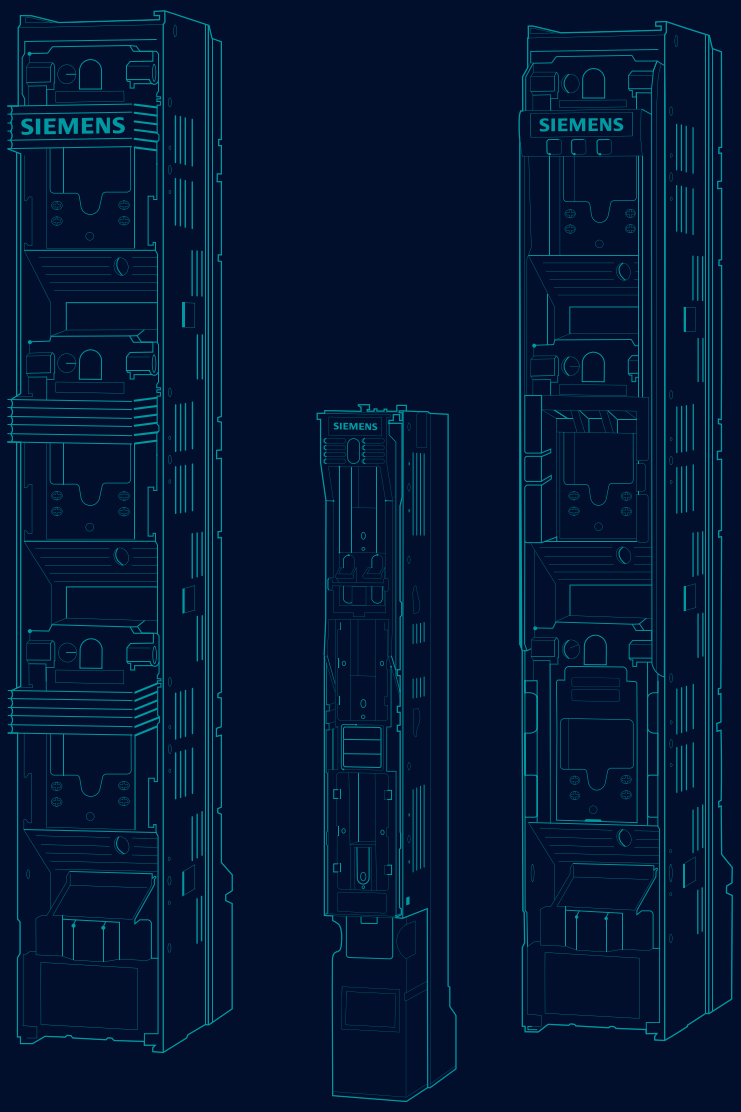


3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

Product Features:

- Compliant with IEC/EN 60439-1, IEC/EN 60947-3
- Maximum safety and minimized mounting width
- Fuse visible Disconnection
- Contactless fuse removal
- Vertical /Direct mounting on busbars
- Cable connection from top and bottom

Applications:

- Feeder Pillar
- Compact Substation
- Control Panels – Automotive Industry
- Smart Pole Applications
- Lighting Distribution Boards (LDB)
- Power Distribution Boards (PDB)

SIEMENS

3NJ4 Fuse Switch Disconnectors
Safe. Flexible. Efficient



Overview :

- Operating Voltage up to 690 VAC
- Rated operational current : 160A to 630A
- 1-pole or 3-pole switchable
- Busbar mounting 185 mm center to center spacing
- Suitable for fuse links NH000, NH00, NH1, NH2, NH3 and 3NA COM Fuse

3NJ4 Fuse Switch Dlsconnectors

Rated Current (A)	Switchable poles	Busbar center-to-center spacing	Fuse size (DIN type HRC fuse)	Connection	Type	Unit LP* ₹
160	1	185mm	NH00/NH000	M8 flat terminal	3NJ4101-3BF01-0RC0	POR
	3				3NJ4103-3BF01-0RC0	
250	1		NH1	M10 flat terminal	3NJ4121-3BF01-0RC0	
	3				3NJ4123-3BF01-0RC0	
400	1		NH1, NH2	M12 flat terminal	3NJ4131-3BF01-0RC0	
	3				3NJ4133-3BF01-0RC0	
630	1		NH2, NH3	M12 flat terminal	3NJ4141-3BF01-0RC0	
	3				3NJ4143-3BF01-0RC0	

Accessories for fuse switch disconnector 3NJ4



Busbar connection assembly kits for NH2 and NH3

With flat terminals

Screws	Conductor cross section	Type	Unit LP* ₹
M12	2 x 240mm²	3NJ4911-5AA00-0RC0*	POR
	2 x 300 mm² / 3 x 120 mm²	3NJ4911-5BA00-0RC0*	
M16	1 x 400 mm²	3NJ4911-5CA00-0RC0*	

Covers

Additional touch protection when using cable lugs and as spacer

Size	Busbar center-to-center spacing	Type	Unit LP* ₹
NH1 ... NH3	Connection for top and bottom	3NJ4912-1AA01-0RC0*	POR



Busbar terminals

Not for devices with transformer installation

Version	Type	Unit LP* ₹
For more rapid mounting of the switch dlsconnectors onto the busbars (1 set = 3 units)	3NJ4911-3BA01-0RC0*	POR



Auxiliary switch mounting kits

For 3-pole switchable switch disconnectors only

Version	Contacts	Type	Unit LP* ₹
For NH00 ... NH3 with connecting cables	1 CO	3NJ4913-1AA01-0RC0^	POR

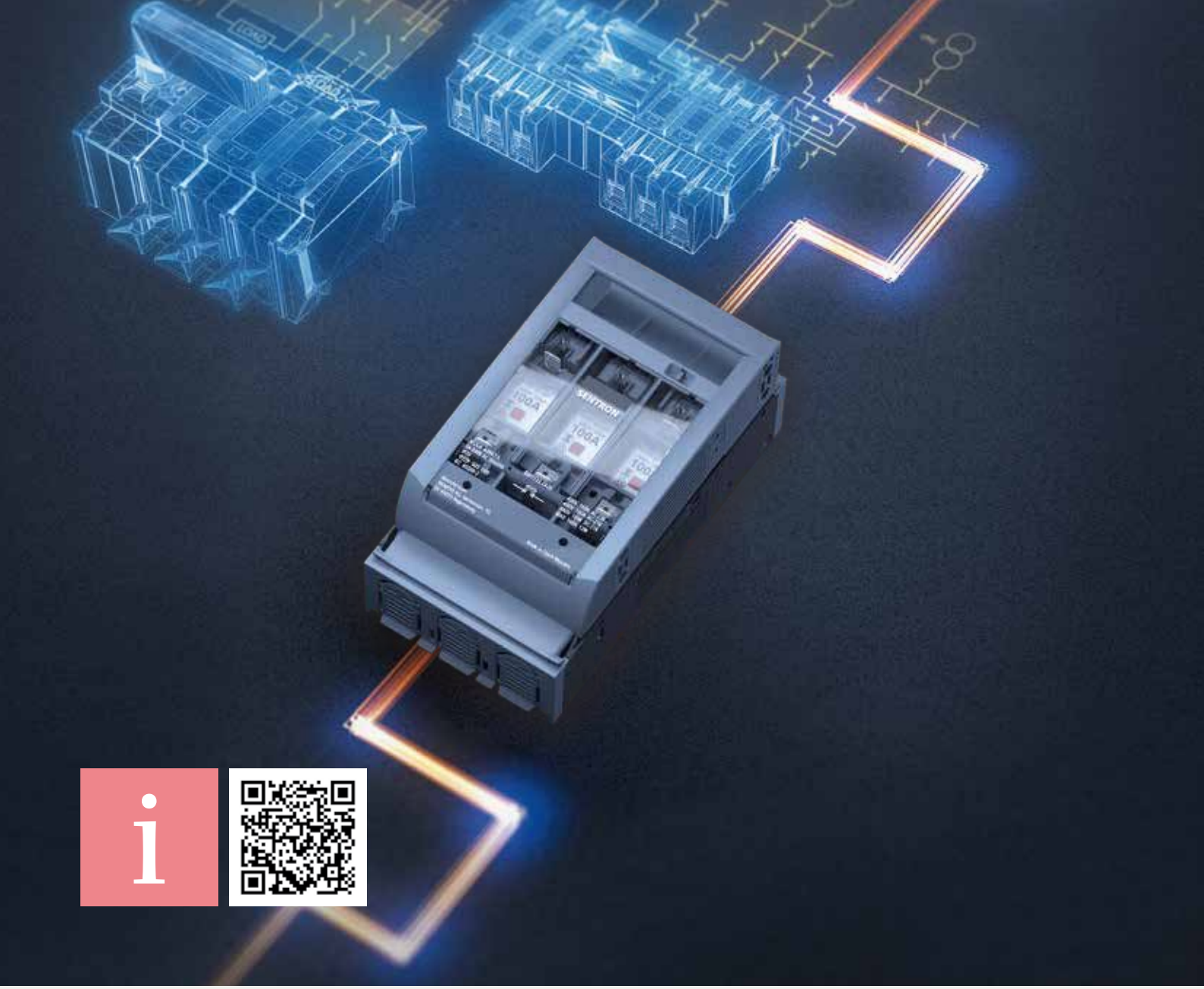
* Applicable to 3NJ412, 3NJ413, 3NJ414

^ Applicable to 3NJ4101, 3NJ412, 3NJ413, 3NJ414

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price



SENTRON

Fuse Switch Disconnectors - **3NP1**

End to end safety for user and systems

- Compliant with IEC 60947-1 and IEC 60947-3
- 1-pole to 4-pole versions up to 630A at 1000V AC/ DC
- Fuse and Voltage monitoring
- 40/ 60mm busbar mounting option
- Selection chart with SITOR fuses

www.siemens.com/switching-devices

SIEMENS

SENTRON 3NP1 Fuse Switch Disconnectors up to 630A
Reliable safety of personnel and systems

Overview:
- Available in five frame sizes from 100 to 630 A
- Optional for use of fuse links in LV HRC design
- 1-, 2-, 3- and 4-pole switchable

Application:
- Can be used in main and auxiliary circuits
- For non-routine switching
- VFD/ Soft Starter/ Capacitor panels

Benefits:
- Fuse puller is not required
- Mounting flexibility: Base / DIN / busbar
- AC20 / DC20 1000V

3NP1 with Floor mounting

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles[4]	Type	Unit LP* ₹
100[1]	000	000	Box	1	3NP1121-1CA20	9370.-
				3	3NP1123-1CA20	17020.-
				4	3NP1124-1CA20	29730.-
160[2]	00	000,00	Flat	1	3NP1131-1CA10	9865.-
				3	3NP1133-1CA10	17815.-
				4	3NP1134-1CA10	30970.-
250[2]	1	0,1	Flat	1	3NP1141-1DA10	28740.-
				3	3NP1143-1DA10	52105.-
				4	3NP1144-1DA10	85430.-
400[2]	2	1,2	Flat	1	3NP1151-1DA10	39530.-
				3	3NP1153-1DA10	71395.-
				4	3NP1154-1DA10	115550.-
630[2]	3	2,3	Flat	1	3NP1161-1DA10	52600.-
				3	3NP1163-1DA10	95665.-
				4	3NP1164-1DA10	153310.-

3NP1 with Electronic fuse monitoring [3]

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles[4]	Type	Unit LP* ₹
100[1]	000	000	Box	1	3NP1121-1CA24	32825.-
				3	3NP1123-1CA24	50800.-
160[2]	00	000,00	Flat	1	3NP1131-1CA14	31350.-
				3	3NP1133-1CA14	51270.-
250[2]	1	0,1	Flat	1	3NP1141-1DA14	52165.-
				3	3NP1143-1DA14	85430.-
400[2]	2	1,2	Flat	1	3NP1151-1DA14	63400.-
				3	3NP1153-1DA14	105650.-
630[2]	3	2,3	Flat	1	3NP1161-1DA14	76440.-
				3	3NP1163-1DA14	129050.-


1-pole


3-pole


2-pole


4-pole


1-pole with EFM


3-pole with EFM

1) Can be used up to 160A along with an accessory feeder terminal 3NP1923-1BD00 (for 3-pole) and 3NP1921-1BD00 (for 1-pole)
2) Box type terminals available for higher ratings 3NP1.
3) EFM voltage range: 1-pole: 24 ... 240 V AC (phase to N) / 24 ... 250 V DC (L+ to L-); 3-pole: 190 ... 690 V AC (phase to phase) . Further voltage ranges are available as accessories. EFM needs external 24V DC power supply.
4) 2-pole 3NP1 is a combination of 2 nos. 1-pole 3NP1 with assembly kit accessories. Please refer page 52 for assembly kit selection.

Configurator for 3NP1
- Ready-to-install version
- Application specific switches
- Accessories

Std. Pkg. = 1 unit * LP - List Price

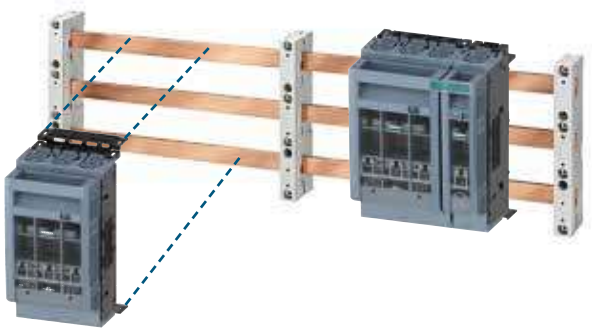
3NP1 mounting on 8US busbar

3NP1 mounting on 60mm 8US busbar system [3]

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles[4]	Type	Unit LP* ₹
100[1]	000	000	Box	3	3NP1123-1BC20	25205.-
				4	3NP1124-1BC20	41980.-
160[2]	00	00	Flat	3	3NP1133-1BC10	27040.-
				4	3NP1134-1BC10	45245.-
250[2]	1	1	Flat	3	3NP1143-1BC10	86245.-
				4	3NP1144-1BC10	134425.-
400[2]	2	2	Flat	3	3NP1153-1BC10	111455.-
				4	3NP1154-1BC10	174890.-
630[2]	3	3	Flat	3	3NP1163-1BC10	141480.-
				4	3NP1164-1BC10	224410.-

8US busbar system



Accessories for 3NP1



Auxillary contact (1CO type)

3NP1 Size	Type	Unit LP* ₹
000	3NP1920-1FA00	3925.-
00	3NP1930-1FA00	3925.-
1,2,3	3NP1940-1FA00	4260.-



Feeder terminals for 3NP1121/ 3 for use up to 160A

3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1BD00	4945.-
		3	3NP1923-1BD00	11045.-



Assembly kit for connection of 1-pole and 3-pole 3NP1 to form floor mounted 2-pole[4] and 4-pole 3NP1

3NP1 Size	Type	Unit LP* ₹
000	3NP19211EC00	POR
00	3NP19311EC00	
1,2,3	3NP19411EC00	



Assembly kit for mounting 3NP1 floor type on 8US 60mm busbar system [5]

3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1EE10	POR
00			3NP1931-1EE10	

1) Can be used up to 160A along with an accessory feeder terminal 3NP1923-1BD00 (for 3-pole) and 3NP1921-1BD00 (for 1-pole)
2) Box type terminals available for higher ratings 3NP1.
3) 3NP1 also available for Rittal RiLine 60 busbar system with base
4) 2-pole 3NP1 is a combination of 2 nos. 1-pole 3NP1 with assembly kit accessories.
5) Contains all parts for assembly and connection.

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price

Main control and EMERGENCY STOP switches 3LD2

- Rated current range: 16A-250A
- Conforms to IEC 60947-3 / UL508
- Can be used for motor & power distribution application



Main and EMERGENCY-STOP switches with rotary operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2003-0TK5□	7385.-
	25	9.5	3LD2103-0TK5□	8170.-
	32	11.5	3LD2203-0TK5□	9120.-
	63	22	3LD2504-0TK5□	15600.-
	100	37	3LD2704-0TK5□	23640.-
	125	45	3LD2804-0TK5□	30145.-
	160	75	3LD2305-0TK1□	POR
	250	132	3LD2405-0TK1□	

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches with selector switch operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 2 padlocks,
Degree of Protection IP65,
Including terminal cover for incoming side



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2022-0TK1□	6590.-
	25	9.5	3LD2122-0TK1□	7235.-
	32	11.5	3LD2222-0TK1□	8780.-

□ - 1: Black OR
□ - 3: Red/yellow

Changeover switches with selector switch operating mechanism

Front mounting - Four hole mounting
Selector switch cannot be locked
Degree of Protection IP65
Black Actuator



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD2123-7UK01	16190.-
	32	11.5	3LD2223-7UK01	17710.-
	63	22	3LD2524-7UK01	29275.-
	100	37	3LD2724-7UK01	54445.-
	160	75	3LD2305-7UK01	POR
	250	132	3LD2405-7UK01	

Changeover switch with knob Operated MechanismIn moulded plastic enclosure



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD21657UB01	25920.-
	32	11.5	3LD22657UB01	29455.-
	63	22	3LD25667UB01	63905.-
	100	37	3LD27667UB01	110100.-

Main and EMERGENCY-STOP switches with door coupling rotary operating mechanism

Panel mounting with 300mm switch shaft -
Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65
Including terminal cover for incoming side



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2013-0TK5□	11830.-
	25	9.5	3LD2113-0TK5□	13140.-
	32	11.5	3LD2213-0TK5□	14480.-
	63	22	3LD2514-0TK5□	17380.-
	100	37	3LD2714-0TK5□	28550.-
	125	45	3LD2814-0TK5□	35650.-
	160	75	3LD2318-0TK1□	POR
	250	132	3LD2418-0TK1□	

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches

In Moulded plastic enclosures
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65,
with centre hole mounting
with N and/or PE ground terminals



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2064-0TB5□	10535.-
	25	9.5	3LD2164-0TB5□	11420.-
	32	11.5	3LD2264-0TB5□	13570.-
	63	22	3LD2565-0TB5□	22465.-
	100	37	3LD2766-0TB5□	51055.-
	125	45	3LD2866-0TB5□	92410.-

□ - 1: Black OR
□ - 3: Red/yellow

Note: 3LD23/24 knob operated mechanism

POR: Price On Request

Std. Pkg. = 1 unit * LP - List Price

Configurator for 3LD

- Ready-to-install version
- Application specific switches
- Accessories

Accessories for 3LD2

Mounting	Description	For Switch	Type	Unit LP* ₹	Std. pkg. (nos.)
For front mounting switch	Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF)	3LD21 (25A) and 3LD22 (32A)	3LD9220-0B	3335.-	1
		3LD25 (63A)	3LD9250-0BA	4890.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0B	6055.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0B	POR	1
	N or PE terminal Continous	3LD20 (16A)	3LD9200-2B	2225.-	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2B	2545.-	1
		3LD25 (63A)	3LD9250-2BA	3350.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2B	4060.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-2B	POR	1
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5B	3700.-	1
For floor and distribution board mounting switch or 3LD2 switch in moulded-plastic enclosure	Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF)	3LD21 (25A) and 3LD22 (32A)	3LD9220-0C	3335.-	1
		3LD25 (63A)	3LD9250-0CA	4890.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0C	6055.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0C	POR	1
	N or PE terminal Continous	3LD20 (16A)	3LD9200-2C	3000.-	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2C	2545.-	1
		3LD25 (63A)	3LD9250-2CA	3350.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2C	4060.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-2C	POR	1
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5C	3515.-	1
Terminal cover for touch protection can be snapped on at top & bottom for front, floor and distribution board mounting	4 pole	3LD20 (16A)	3LD9201-1A	1140.-	4
	3 pole	3LD21 (25A) and 3LD22 (32A)	3LD9221-0A	1055.-	4
	3 pole	3LD25 (63A)	3LD9251-0A	1180.-	4
	1 pole	3LD27 (100A) and 3LD28 (125A)	3LD9281-2A	570.-	4
	1 pole	3LD23 (160A) and 3LD24 (250A)	3LD9241-2A	POR	4
For front (four hole mounting only) and floor mounting switch or 3LD2 switch in moulded-plastic enclosure	Auxiliary switch, front-mounted, for long leading times 1NO+1NC, lagging switch-on, leading switch-off (20 ms to 150 ms)	3LD20, 3LD21, 3LD22, 3LD25, 3LD27 and 3LD28	3LD9280-5D	POR	1
		3LD23 and 3LD24	3LD9240-5D	POR	1

3LD2 maintenance and repair switches with EMC shield plate.
Please contact your nearest Siemens Sales Office for further details.





Motor control switches 3LA0

Description		Motor output 415V, 50Hz, 3Ph kW	Type	Unit LP* ₹	Std. pkg. (nos.)
Open execution	On/Off	7.5	3LA0201-1YA	5665.-	10
		30	3LA0601-1YB	13145.-	5
	System selector	5.5	3LA0202-1YA	6470.-	10
		30	3LA0602-1YB	18385.-	5
	Reversing	5.5	3LA0203-1YA	6470.-	10
		30	3LA0603-1YB	18385.-	5
	Star-delta	12	3LA0204-5YA	9115.-	10
		30	3LA0604-1YB	25035.-	5
	2 speed pole changing i) Separate windings ii) Dahlander	5.5 5.5	3LA0205-2YA 3LA0205-1YA	6470.- 8705.-	10 10
	Reversing pole changing	5.5	3LA0205-3YA	12500.-	10

Spares & accessories for motor control switches**

Description	Type	Unit LP* ₹	Std. pkg. (nos.)
Ball handle – Black	3LX0 211-1YA	350.-	10
Machine handle – Black	3LX0 611-2YA	925.-	10
Indicating dial for size 2	3LX0 220-1YA	265.-	10
Indicating dial for size 6	3LX0 620-1YA	265.-	10
Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch)	3LY0 220-2YA	265.-	10
Tension spring for the drive mechanism of size 2 switch	3LY0 210-1YA	240.-	10

** All parts supplied loose in polythene bags.

Heavy duty switches 3LA0

No. of poles	Rated current		Open execution		
	AC 22A	AC 23A	Type	Unit LP* ₹	Std. pkg. (nos.)
2	25	16	3LA0205-4YA	3880.-	10
	63	52	3LA0605-1YB	9325.-	5
4	25	16	3LA0205-5YA	6470.-	10
	63	52	3LA0605-2YB	17000.-	5

POR: Price On Request

* LP - List Price

When it comes to safety, **nothing beats SIVACON**

SIVACON S8 Low Voltage Power Distribution Switchboard
Safe, Flexible, Efficient

SIVACON

Technolgy Partner

SIEMENS



In conformance to the IEC 61439-1&2, SIVACON S8 guarantees high performance, maximum safety and compact modularity

Features

- The only 'Arc Free' switchboards in the world
- Patented double front PCCs upto 7000A,150kA
- Patented holeless technology for connections
- Patented ventilation technique Combination of fixed, plugin & drawout feeders in the same vertical

SIEMENS



3LD4
Control Switches

- Compact and flexible design
- Double break contacts ensures high reliability
- Suitable for ambient temperatures up to 50°C
- Quick and easy installation
- High electrical and mechanical life

SIEMENS

3LD4 Control Switches



The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

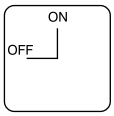
- Conforms to IEC 60947-3, IEC 60947-5
- Range 6A to 100A
- Suitable for AC21A, AC-15 Utilization category
- Suitable for ambient up to 50°C
- Double break contacts for reliable operation
- Terminals designed for easy and fast installation





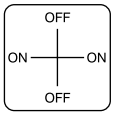
ON OFF Switches

90° operation



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1AA00-0RC0	1 Pole	340.-	655.-	785.-	825.-	860.-	1050.-	1340.-	1570.-	8200.-	1
3LD4 ___ 2AA00-0RC0	2 Pole	440.-	735.-	885.-	985.-	1030.-	1220.-	1610.-	2010.-	10235.-	
3LD4 ___ 3AA00-0RC0	3 Pole	480.-	885.-	1040.-	1135.-	1340.-	1500.-	1880.-	2695.-	12600.-	
3LD4 ___ 4AA00-0RC0	4 Pole	590.-	955.-	1120.-	1350.-	1655.-	1775.-	2155.-	3245.-	14760.-	

90° Operation with complete rotation

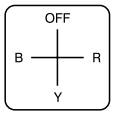


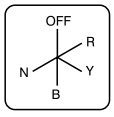
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1BC00-0RC0	1 Pole	335.-	655.-	785.-	825.-	830.-	1040.-	1335.-	1560.-	8200.-	1
3LD4 ___ 2BC00-0RC0	2 Pole	440.-	735.-	885.-	985.-	1030.-	1220.-	1610.-	2010.-	10235.-	
3LD4 ___ 3BC00-0RC0	3 Pole	480.-	885.-	1040.-	1135.-	1340.-	1500.-	1880.-	2695.-	12600.-	
3LD4 ___ 4BC00-0RC0	4 Pole	590.-	955.-	1120.-	1350.-	1655.-	1775.-	2155.-	3245.-	14760.-	

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole ON OFF Switch the complete type no will be 3LD4***001***3AA00-0RC0

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)





Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RC0	720.-	1
	10A	3LD41024DC200RC0	865.-	
	16A	3LD41034DC200RC0	1100.-	
	20A	3LD41044DC200RC0	1225.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RC0	715.-	
	10A	3LD41024DD200RC0	860.-	
	16A	3LD41034DD200RC0	1085.-	
	20A	3LD41044DD200RC0	1370.-	



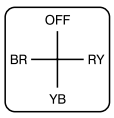


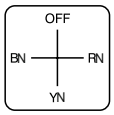
* LP - List Price

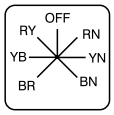
3LD4 Control Switches

Voltmeter Selector Switch (VSS)

Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	535.-	1
	10A	3LD41024DC300RC0	785.-	
	16A	3LD41034DC300RC0	1005.-	
	20A	3LD41044DC300RC0	1135.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	940.-	
	10A	3LD41024DC310RC0	1050.-	
	16A	3LD41034DC310RC0	1350.-	
	20A	3LD41044DC310RC0	1495.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	940.-	
	10A	3LD41024DF300RC0	1570.-	
	16A	3LD41034DF300RC0	1865.-	
	20A	3LD41044DF300RC0	2030.-	









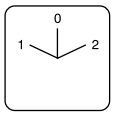


Changeover Switch



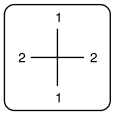
With OFF (60°)

Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BB10-0RC0	1P 2W	440.-	805.-	985.-	1020.-	1040.-	1150.-	1560.-	2120.-	10590.-	1
3LD4 ___ 2BB10-0RC0	2P 2W	590.-	985.-	1120.-	1320.-	1405.-	1645.-	2135.-	3200.-	15490.-	
3LD4 ___ 3BB10-0RC0	3P 2W	720.-	1220.-	1495.-	1835.-	2130.-	2295.-	2695.-	4310.-	20040.-	
3LD4 ___ 4BB10-0RC0	4P 2W	885.-	1350.-	1715.-	2245.-	2825.-	2970.-	3300.-	5450.-	25555.-	



Without OFF (90°)

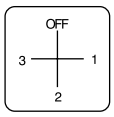
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1PC10-0RC0	1P 2W	440.-	805.-	985.-	1005.-	1040.-	1150.-	1560.-	2120.-	10590.-	1
3LD4 ___ 2PC10-0RC0	2P 2W	590.-	985.-	1120.-	1320.-	1405.-	1645.-	2135.-	3200.-	15490.-	
3LD4 ___ 3PC10-0RC0	3P 2W	720.-	1220.-	1495.-	1835.-	2130.-	2295.-	2695.-	4310.-	20040.-	
3LD4 ___ 4PC10-0RC0	4P 2W	885.-	1350.-	1715.-	2245.-	2825.-	2970.-	3300.-	5450.-	25555.-	





Phase Changeover Switch (PCS)

Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC10-0RC0	1P 3W	535.-	715.-	830.-	985.-	1005.-	1245.-	1820.-	2040.-	8705.-	1



Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 10A 3 Pole Changeover with OFF (60°) the complete type no will be 3LD4***102***3BB10-0RC0

* LP - List Price

3LD4 Control Switches

Breaker Control Switch

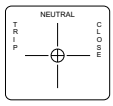


Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch** is used in the control circuit of Low & Medium Voltage panels for switching circuit breakers.

BCS switch has three positions – Trip, Neutral & Close used for switching the circuit breaker via auxiliary releases.

Product Features

- Pistol grip handle for easy operation
- Spring return operation
- High electrical &mechanical life
- Available in 25A & 32A ratings
- Tested as per IEC 60947-5-1



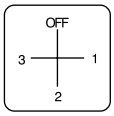
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-0RC0	2915.-	1
	32A	3LD4206-2BB50-0RC0	3445.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-0RC0	3515.-	
	32A	3LD4206-4BB50-0RC0	4100.-	

Multistep Switch



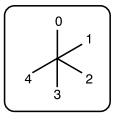


Multistep 3 Way with OFF



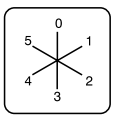
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC40-0RC0	1P 3W	535.-	885.-	1030.-	1050.-	1120.-	1250.-	1775.-	2010.-	10235.-	1
3LD4 ___ 2CC40-0RC0	2P 3W	720.-	1040.-	1250.-	1495.-	1705.-	1825.-	2640.-	2965.-	15945.-	
3LD4 ___ 3CC40-0RC0	3P 3W	1040.-	1380.-	2120.-	2260.-	2530.-	2745.-	3510.-	4580.-	20845.-	
3LD4 ___ 4CC40-0RC0	4P 3W	1335.-	1790.-	2565.-	2805.-	3145.-	3460.-	4710.-	5485.-	26325.-	

Multistep 4 Way with OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1DD40-0RC0	1P 4W	605.-	790.-	1495.-	1625.-	1790.-	1990.-	2250.-	3060.-	9055.-	1
3LD4 ___ 2DD40-0RC0	2P 4W	1040.-	1500.-	1765.-	1815.-	1885.-	2185.-	2825.-	3570.-	13980.-	
3LD4 ___ 3DD40-0RC0	3P 4W	1450.-	2020.-	2800.-	2945.-	3145.-	3610.-	4825.-	5485.-	38520.-	

Multistep 5 Way with OFF

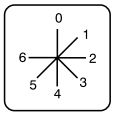


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1EE40-0RC0	1P 5W	680.-	1270.-	1715.-	1935.-	2240.-	2260.-	2800.-	3275.-	9630.-	1
3LD4 ___ 2EE40-0RC0	2P 5W	1220.-	1970.-	2285.-	2640.-	3045.-	3570.-	3680.-	4600.-	13975.-	

* LP - List Price

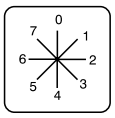
Multistep Switch

Multistep 6 Way with OFF



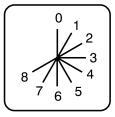
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1FF40-0RC0	1P 6W	880.-	1430.-	1655.-	1820.-	1990.-	2320.-	2380.-	3855.-	1
3LD4 ___ 2FF40-0RC0	2P 6W	1450.-	2135.-	2400.-	2710.-	3060.-	3700.-	4730.-	6195.-	

Multistep 7 Way with OFF



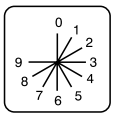
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1GG40-0RC0	1P 7W	885.-	1465.-	1815.-	1985.-	2260.-	2370.-	2470.-	3835.-	1

Multistep 8 Way with OFF



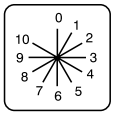
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1HH40-0RC0	1P 8W	1010.-	1245.-	1775.-	2065.-	1

Multistep 9 Way with OFF



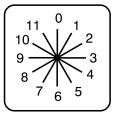
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1JJ40-0RC0	1P 9W	1040.-	1515.-	1835.-	2185.-	1

Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1KK40-0RC0	1P 10W	1220.-	1605.-	2470.-	3315.-	1

Multistep 11 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1LL40-0RC0	1P 11W	1450.-	1740.-	2710.-	3570.-	1

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole Multistep 4 Way with OFF the complete type no will be 3LD4***001***3DD40-0RC0

Control Switches

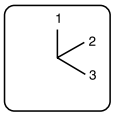
* LP - List Price

Multistep Switch



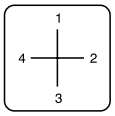


Multistep 3 Way without OFF



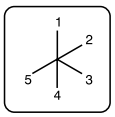
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1QB40-0RC0	1P 3W	495.-	860.-	1040.-	1050.-	1320.-	1355.-	2105.-	2370.-	8905.-	1
3LD4 ___ 2QB40-0RC0	2P 3W	720.-	1295.-	1465.-	1610.-	1735.-	1775.-	2640.-	3120.-	15945.-	
3LD4 ___ 3QB40-0RC0	3P 3W	1040.-	1610.-	2185.-	2340.-	2530.-	2745.-	3855.-	4580.-	17120.-	
3LD4 ___ 4QB40-0RC0	4P 3W	1335.-	1790.-	2535.-	2875.-	3195.-	3400.-	7490.-	8270.-	18355.-	

Multistep 4 Way without OFF



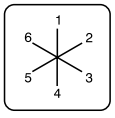
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1RC40-0RC0	1P 4W	565.-	940.-	1270.-	1370.-	1575.-	1655.-	2285.-	3185.-	10850.-	1
3LD4 ___ 2RC40-0RC0	2P 4W	805.-	1340.-	1495.-	1715.-	1865.-	2040.-	2745.-	3570.-	16760.-	
3LD4 ___ 3RC40-0RC0	3P 4W	1100.-	1320.-	2370.-	2625.-	2970.-	3300.-	3585.-	4790.-	22095.-	

Multistep 5 Way without OFF



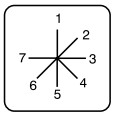
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1SD40-0RC0	1P 5W	680.-	980.-	1355.-	1560.-	1775.-	2185.-	2800.-	3580.-	9580.-	1
3LD4 ___ 2SD40-0RC0	2P 5W	1220.-	1655.-	1865.-	2400.-	2805.-	3025.-	3885.-	4925.-	13785.-	

Multistep 6 Way without OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1TE40-0RC0	1P 6W	715.-	880.-	1705.-	1820.-	1990.-	2260.-	2645.-	3350.-	15945.-	1
3LD4 ___ 2TE40-0RC0	2P 6W	1380.-	1680.-	2295.-	2875.-	3520.-	3620.-	3680.-	4695.-	31805.-	

Multistep 7 Way without OFF

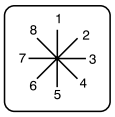


Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1UF40-0RC0	1P 7W	880.-	1120.-	1295.-	1790.-	2360.-	2365.-	2825.-	4210.-	1

* LP - List Price

Multistep Switch

Multistep 8 Way without OFF



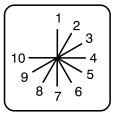
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1VG40-0RC0	1P 8W	885.-	1750.-	1930.-	2065.-	1

Multistep 9 Way without OFF



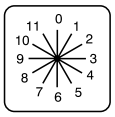
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1WH40-0RC0	1P 9W	1040.-	1815.-	3065.-	3810.-	1

Multistep 10 Way without OFF



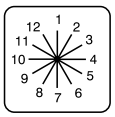
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1XJ40-0RC0	1P 10W	1120.-	1850.-	3400.-	4580.-	1

Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1YK40-0RC0	1P 11W	1160.-	1885.-	3665.-	4835.-	1

Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1ZL40-0RC0	1P 12W	1270.-	1930.-	3810.-	4890.-	1

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 1 Pole Multistep 4 Way without OFF the complete type no will be 3LD4-***001***1RC40-0RC0

* LP - List Price





SENTRON measuring devices

A comprehensive portfolio for all your energy management needs

- Precise, accurate and reliable measurement
- Scalability
- Cyber Security
- Various communication protocols

SIEMENS

Energy Management System

(A) Hardware Solutions

Complete Range of Power Monitoring Devices for LV Networks



PAC 3120: Cost Effective Solution for digital measurement

- Display of instantaneous, maximum and minimum values
- Measurement of Active & Reactive Power (Import / Export / Net)
- CT polarity reversal correction from the device

PAC 3220: Specialist solution for precise energy data capture

- Dual Metering function
- Dual ethernet interface for MODBUS TCP communication
- Optional communication over PROFIBUS DP and PROFINET

PAC 4220: Professional solution for communication and monitoring

- Integrated gateway functionality for MODBUS RTU devices
- Reliable event recording with battery backup
- Measurement up to 63rd I and V harmonics

Description	Type	Unit LP* ₹
PAC 3120 with integrated RS 485 port for MODBUS RTU Class 0.5 accuracy, screw terminals AC/DC wide voltage power supply 100 ... 250 V ±10% 50/60Hz	**7KM3120-0BA01-1DA0**#	**POR**
PAC 3220 with integrated dual ethernet port for MODBUS TCP Class 0.5 accuracy, screw terminals With AC/DC wide voltage power supply 100 ... 250 V ±10% 50/60Hz	**7KM3220-0BA01-1DA0**#	**POR**
PAC 4220 with integrated ethernet port for MODBUS TCP Class 0.2s accuracy, screw terminals With AC/DC wide voltage power supply 95...240V AC ±10%, 50/60Hz, 110...340V DC ±10%	**7KM4220-0BA01-1EA0**#	**POR**

Expansion Modules (for PAC3220 and PAC4220)

Description	Type	Unit LP * ₹
PROFIBUS DP expansion module	**7KM9300-0AB01-0AA0**	**POR**
RS485 expansion module for MODBUS RTU	**7KM9300-0AM00-0AA0**	**POR**
Switched Ethernet PROFINET V3 expansion module	**7KM9300-0AE02-0AA0**	**POR**
Digital Expansion Module 4DI/2DO$	**7KM9200-0AB00-0AA0**	**POR**
Analog Expansion Module	**7KM9200-0AD00-0AA0**	**POR**

For extra low DC voltage (22 ... 65 V DC ± 10 %) option, please contact your nearest Siemens Sales Office.

$ Maximum 2 nos.can be connected if communication expansion module is not connected.
For exact configuration, please contact your nearest Siemens Sales Office.

PAC EXPANSION Modules



7KM PAC 3220



7KM PAC4220



MODBUS RTU



PROFINET



PROFIBUS DP



I(N), I(Diff), Analog



PAC 4DI/2DO

(B) Software Solution

Description	Unit LP* ₹
SENTRON powermanager: Complete Energy Management Software	**POR**

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price



Easy installation
DIN rail mounting



Plug & operate
low engineering effort



Energy monitoring
base for ISO 50001
compliant with ISO50001





Condition monitoring
predictive maintenance



Alarming & notifications
fast fault localization



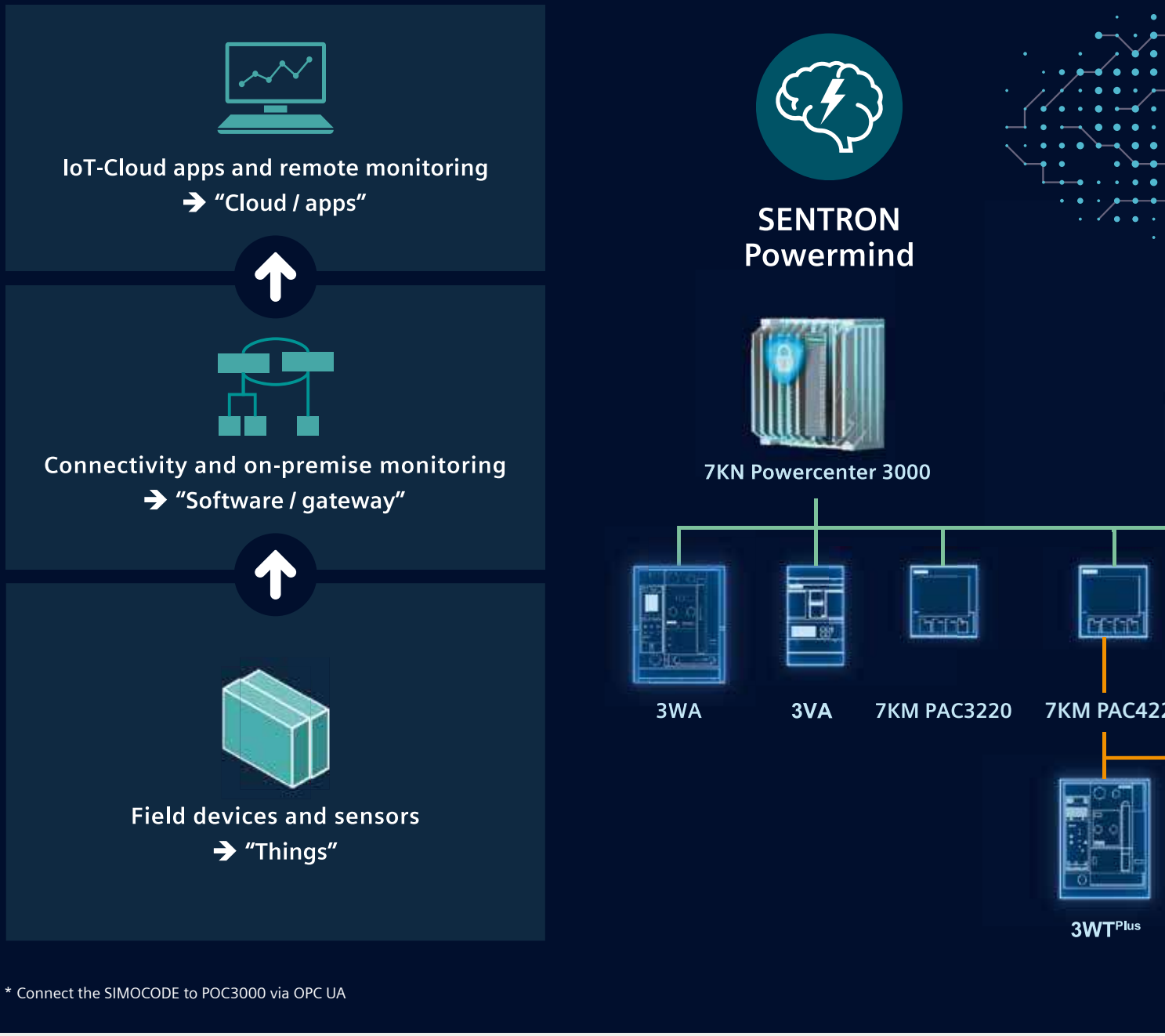
Secure access
comprehensive security concept



SENTRON Powercenter 3000

Your easy entry into power and condition monitoring

SIEMENS



* Connect the SIMOCODE to POC3000 via OPC UA

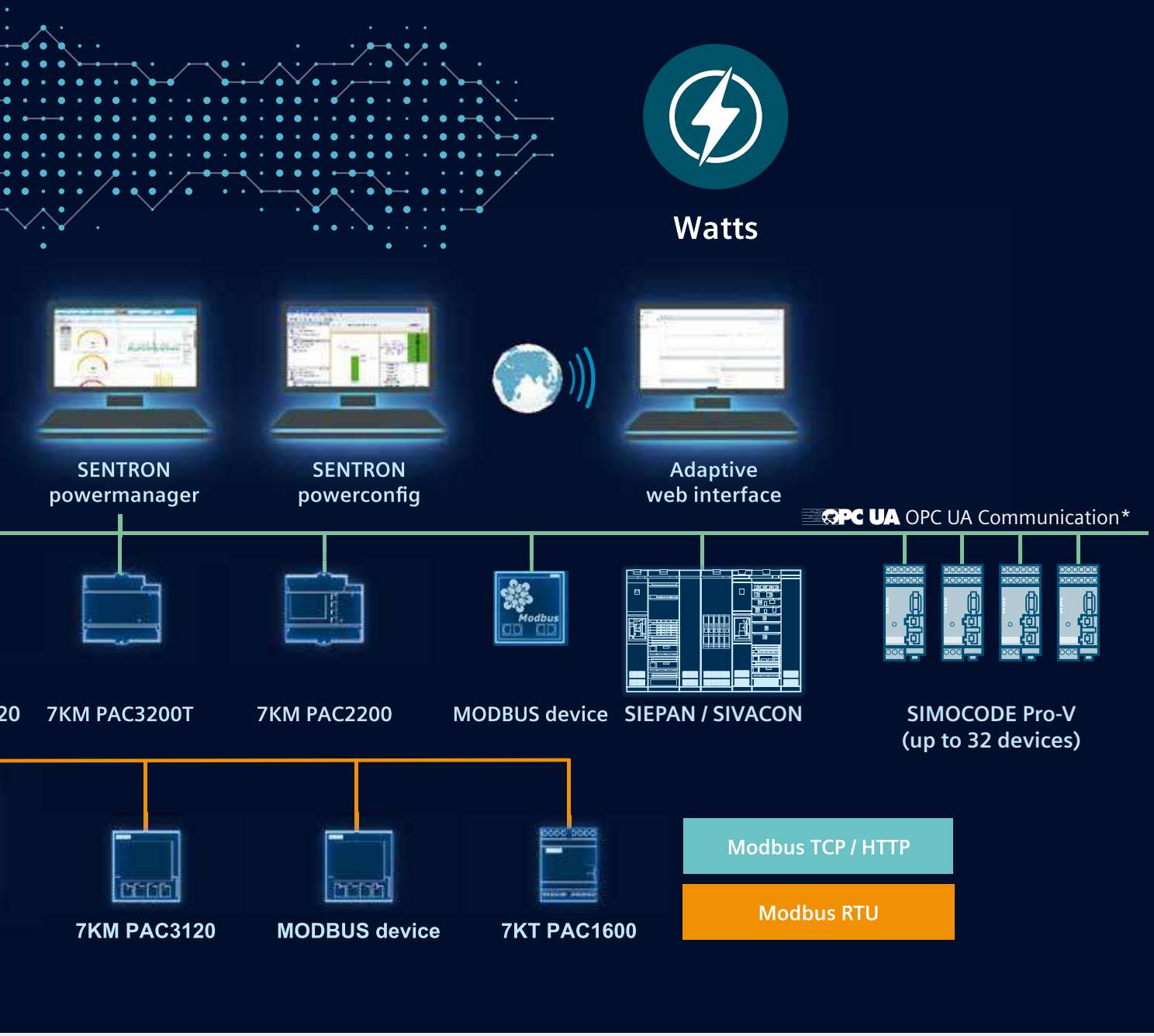
SENTRON Digitalization Solution

Sustainability through energy and resource efficiency

Secure. Scalable. Customizable.

Turn your LV Panels into IoT enabled digital switchboards with benefits like:

- On-site or cloud-based data visualization and analysis
- Fulfill regulatory requirements (e.g., ISO 50001)
- Energy transparency and efficiency without compromising security
- Reduce unplanned downtime with condition monitoring


Watts
SENTRON powermanager
SENTRON powerconfig
Adaptive web interface
OPC UA OPC UA Communication*
20
7KM PAC3200T
7KM PAC2200
MODBUS device
SIEPAN / SIVACON
SIMOCODE Pro-V (up to 32 devices)
7KM PAC3120
MODBUS device
7KT PAC1600
Modbus TCP / HTTP
Modbus RTU

SIEMENS

DIN Rail Mounted Meters for energy monitoring in Infra and Building Applications

Description	Type	Unit LP* ₹
PAC 2200 DIN rail meter with integrated RS 485 port for MODBUS RTU 65A direct connection Class 1 accuracy	**7KM2200-2EA40-1DA1**	**POR**
PAC 2200 DIN rail meter with integrated ethernet port for MODBUS TCP 65A direct connection Class 1 accuracy	**7KM2200-2EA40-1EA1**	**POR**
PAC3200T DIN rail meter with integrated ethernet port for MODBUS TCP High accuracy of class 0.5 Without display	**7KM3200-0CA01-1AA0**	**POR**

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

PAC 2200 and PAC 3200T:

Reliable and Easy energy monitoring for DIN rail Applications

- Compact design on standard mounting rail
- Integrated digital input (DI) and Digital output (DO)
- Integrated web server
- Neutral conductor current display
- THD Measurement





SENTRON 7KT PAC 1600 DIN Rail mounted compact Energy Meters

- PAC 1600 range of single phase and three phase meters
- Space saving mounting by very slim construction
- Energy counters for active, reactive and apparent energy
- THD: Up to 15th harmonics



Sustainability

Lower energy consumption and PUE with accurate energy monitoring



SENTRON 7KT PAC1200

Multichannel current measuring system

Scale sustainability impact by optimizing energy consumption

Easy and effective data visualization
- Modbus TCP/IP communication
- Simple configuration of system via powerconfig and web server
- Visualization of consumption via Webserver and Mobile App (Android /iOS)

Easy scalability
- Easy to Upgrade
- Scale up the system without any interruption or cumbersome wiring

Energy Transparency
- Targeted detection of power guzzlers
- Simultaneous display of power consumption and costs
- Ensures optimal power monitoring

Modular and simple installation
- Flexible sensor bars (3,6,9,12) and current sensors (40A, 63A) to record up to 96 circuits in one system
- Current sensors simply plug onto the sensor bars, eliminating extensive wiring



SIEMENS



SMART 7KT

Power Monitoring Devices

Expanding the reach of technology

SIEMENS

SMART 7KT

Power Monitoring Devices

SMART 7KT Discrete Panel Meter

Accurate and easy visualization for all the basic measurements

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Modern aesthetics with soft touch keys
- Large LED (multicolored) display for easy visualization



Description	Type	Unit LP ₹
VAF meter	7KT0120	5950.-
VA meter	7KT0110	5465.-
3 phase energy meter	7KT0210	11860.-

SMART 7KT Multi Function Meter

Broad range of uses in industry and infrastructure

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Graphical representation of current loading in the LCD display meters
- Modern aesthetics with soft touch keys
- Integrated Modbus RTU communication over RS 485
- Measurement of 30+ electrical parameters

Multi Function Meter

Description	Type	Unit LP ₹
LCD Class 0.5s	7KT0311	29250.-
LCD Class 1	7KT0310	24440.-

Basic Multi Function Meter

Description	Type	Unit LP ₹
Multi-line LED Class 1	7KT0308	18190.-
Single-line LED Class 1	7KT0307	12125.-

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price



SMART 7KT Discrete DIN Meters

Power monitoring devices for DIN mounted systems

- Tested accuracy as per IEC 61557-12 and IEC 62053
- Bright LCD display for ease of reading
- Easy mounting with click fit on DIN rails
- Integrated communication in 2MW makes the meter digitalization ready
- Modern aesthetics increases the visual appeal of the panel
- RoHS compliant



Description	Type	Unit LP ₹
Single Phase Class 1 Energy Meter	**7KT0010**	**7910.-**

SMART 7KT DC Energy Meter

Power monitoring devices for DC applications

- Bi-direction (charging and discharging) current can be measured by the same device
- Time stamped data logging of events
- Load profile analysis
- Single meter measures energy consumption of four independent loads connected to one Voltage source.
- Configurable relay outputs for limit function, pulse output, alarm, etc.
- RoHS compliant



Description	Type	Unit LP ₹
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 60 - 300V AC/DC	**7KT0810**	**33005.-**
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 12 - 70V DC	**7KT0811**	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt: 60 - 300V AC/DC	**7KT0820**	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt:12 - 70V DC	**7KT0821**	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 60 - 300V AC/DC	**7KT0830**	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 12 - 70V DC	**7KT0831**	

Accessories (external shunt for DC meter)

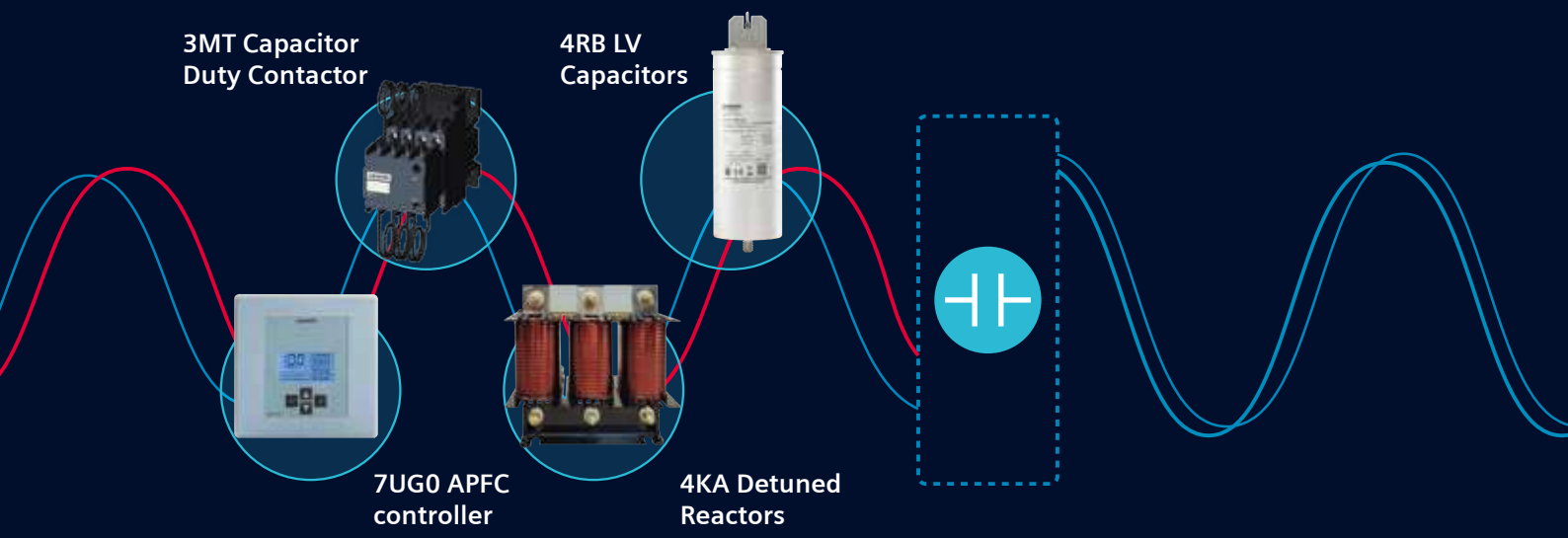
Description	Type	Unit LP ₹
External Shunt for DC meter/ 50A/75mV	**7KT0911**	**1330.-**
External Shunt for DC meter/ 100A/60mV	**7KT0922**	**1660.-**
External Shunt for DC meter/ 100A/75mV	**7KT0923**	**1660.-**
External Shunt for DC meter/ 150A/75mV	**7KT0924**	**2065.-**
External Shunt for DC meter/ 200A/60mV	**7KT0925**	**3670.-**

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

Power Factor Correction





SIEMENS

SIECAP™ LV Power Capacitors



ND (Normal Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 200.I_N)
- Long life expectancy upto 100000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	5295.-	1
	6	4RB2060-3EE52-8K	5655.-	1
	7	4RB2070-3EE52-8K	6600.-	1
	7.5	4RB2075-3EE52-8K	7620.-	1
	8.3	4RB2083-3EE52-8K	7570.-	1
	10	4RB2100-3EE52-8K	8675.-	1
	12.5	4RB2125-3EE52-8K	10185.-	1
	15	4RB2150-3EE52-8K	12215.-	1
	20	4RB2200-3EE52-8K	16225.-	1
	20.8	4RB2208-3EE52-8K	16920.-	1
	25	4RB2250-3EE52-8K	20325.-	1
	28	4RB2280-3EE52-8K	22760.-	1
	30	4RB2300-3EE52-8K	24405.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	4875.-	1
	5.5	4RB2055-3EJ52-8K	5395.-	1
	10.4	4RB2104-3EJ52-8K	9615.-	1
	11.1	4RB2111-3EJ52-8K	10450.-	1
	12.5	4RB2125-3EJ52-8K	10705.-	1
	20.8	4RB2208-3EJ52-8K	17800.-	1
	25	4RB2250-3EJ52-8K	21385.-	1
	27.7	4RB2277-3EJ52-8K	23710.-	1
	30	4RB2300-3EJ52-8K	25695.-	1

 # Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.



Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors



HD (Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to 250.I_N)
- Long life expectancy up to 130000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	6220.-	1
	7.5	4RB2075-3EB53-8K	9695.-	1
	10.4	4RB2104-3EB53-8K	11460.-	1
	12.5	4RB2125-3EB53-8K	12420.-	1
	15	4RB2150-3EB53-8K	14920.-	1
	20	4RB2200-3EB53-8K	19890.-	1
	25	4RB2250-3EB53-8K	24860.-	1
440	5	4RB2050-3EE53-8K	6395.-	1
	7.5	4RB2075-3EE53-8K	9650.-	1
	10	4RB2100-3EE53-8K	11005.-	1
	12.5	4RB2125-3EE53-8K	12420.-	1
	15	4RB2150-3EE53-8K	14920.-	1
	20	4RB2200-3EE53-8K	19890.-	1
	25	4RB2250-3EE53-8K	24860.-	1
	30	4RB2300-3EE53-8K	29810.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	6395.-	1
	6.3	4RB2063-3EJ53-8K	7220.-	1
	10.4	4RB2104-3EJ53-8K	10710.-	1
	11	4RB2110-3EJ53-8K	11340.-	1
	12.5	4RB2125-3EJ53-8K	12880.-	1
	13.8	4RB2138-3EJ53-8K	14215.-	1
	15	4RB2150-3EJ53-8K	15450.-	1
	16.7	4RB2167-3EJ53-8K	17190.-	1
	18.7	4RB2187-3EJ53-8K	19250.-	1
	20	4RB2200-3EJ53-8K	20615.-	1
	22	4RB2220-3EJ53-8K	22640.-	1
	25	4RB2250-3EJ53-8K	25735.-	1
	28.1	4RB2281-3EJ53-8K	28935.-	1
	30	4RB2300-3EJ53-8K	30870.-	1
525	5	4RB2050-3FC53-8K	6600.-	1
	6.3	4RB2063-3FC53-8K	8000.-	1
	8.3	4RB2083-3FC53-8K	9735.-	1
	10.4	4RB2104-3FC53-8K	11075.-	1
	12.5	4RB2125-3FC53-8K	13325.-	1
	13.2	4RB2132-3FC53-8K	14065.-	1
	15	4RB2150-3FC53-8K	15970.-	1
	16.7	4RB2167-3FC53-8K	17815.-	1
	20	4RB2200-3FC53-8K	21295.-	1
	25	4RB2250-3FC53-8K	26615.-	1
	26.5	4RB2265-3FC53-8K	28225.-	1
	30	4RB2300-3FC53-8K	31965.-	1
	33.1	4RB2331-3FC53-8K	35250.-	1

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Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors



SHD (Super Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 500.I_N)
- Long life expectancy upto 200000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	9250.-	1
	6.3	4RB1063-3EB50-8K	11540.-	1
	7.5	4RB1075-3EB50-8K	13745.-	1
	10.4	4RB1104-3EB50-8K	12710.-	1
	12.5	4RB1125-3EB50-8K	15055.-	1
	15	4RB1150-3EB50-8K	18070.-	1
	20	4RB1200-3EB50-8K	24100.-	1
	25	4RB1250-3EB50-8K	30120.-	1
	28.1	4RB1281-3EB50-8K	33830.-	1
	30	4RB1300-3EB50-8K	36140.-	1
	33	4RB1330-3EB50-8K	39760.-	1
440	5	4RB1050-3EE50-8K	9000.-	1
	7.5	4RB1075-3EE50-8K	13680.-	1
	10	4RB1100-3EE50-8K	12230.-	1
	10.4	4RB1104-3EE50-8K	12710.-	1
	12.5	4RB1125-3EE50-8K	15055.-	1
	15	4RB1150-3EE50-8K	18070.-	1
	16.7	4RB1167-3EE50-8K	20120.-	1
	20	4RB1200-3EE50-8K	24100.-	1
	25	4RB1250-3EE50-8K	30120.-	1
	28.1	4RB1281-3EE50-8K	33830.-	1
	30	4RB1300-3EE50-8K	36140.-	1
	33.1	4RB1331-3EE50-8K	39865.-	1
480	5	4RB1050-3EJ50-8K	9605.-	1
	6.3	4RB1063-3EJ50-8K	11480.-	1
	8.3	4RB1083-3EJ50-8K	11155.-	1
	10.4	4RB1104-3EJ50-8K	12295.-	1
	11	4RB1111-3EJ50-8K	13740.-	1
	12.5	4RB1125-3EJ50-8K	15600.-	1
	13.8	4RB1138-3EJ50-8K	17230.-	1
	15	4RB1150-3EJ50-8K	18725.-	1
	16.7	4RB1167-3EJ50-8K	20830.-	1
	18.7	4RB1187-3EJ50-8K	23330.-	1
	20	4RB1200-3EJ50-8K	24965.-	1
	22	4RB1220-3EJ50-8K	27440.-	1
	25	4RB1250-3EJ50-8K	31165.-	1
	28.1	4RB1281-3EJ50-8K	35055.-	1
	30	4RB1300-3EJ50-8K	37415.-	1
	31	4RB1310-3EJ50-8K	38675.-	1
	33	4RB1330-3EJ50-8K	41185.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	9775.-	1
	6.3	4RB1063-3FC50-8K	11480.-	1
	8.3	4RB1083-3FC50-8K	11150.-	1
	10.4	4RB1104-3FC50-8K	12295.-	1
	12.5	4RB1125-3FC50-8K	16135.-	1
	13.2	4RB1132-3FC50-8K	17040.-	1
	15	4RB1150-3FC50-8K	19355.-	1
	16.7	4RB1167-3FC50-8K	21570.-	1
	20	4RB1200-3FC50-8K	25800.-	1
	25	4RB1250-3FC50-8K	32270.-	1
	26.5	4RB1265-3FC50-8K	34210.-	1
	30	4RB1300-3FC50-8K	38730.-	1
	33.1	4RB1331-3FC50-8K	42720.-	1
690	5.3	4RB1053-3GK50-8K	10585.-	1
	6.9	4RB1068-3GK50-8K	13145.-	1
	10.4	4RB1104-3GK50-8K	12710.-	1
	12.5	4RB1125-3GK50-8K	16680.-	1
	14.6	4RB1146-3GK50-8K	19480.-	1
	20	4RB1200-3GK50-8K	26670.-	1
	25	4RB1250-3GK50-8K	33350.-	1

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Std. Pkg. = 1 unit

* LP - List Price

Harmonics filter

Detuned reactor

Features

- Insulation class H
- High linearity
- Temperature control via micro switch
- Low losses and low noise

Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	**4KA1220-1AC01-0AA0**	**53115.-**
10kvar	5.67%	**4KA1220-3AC01-0AA0**	**59925.-**
12.5kvar	5.67%	**4KA1220-4AC01-0AA0**	**65600.-**
15kvar	5.67%	**4KA1220-5AC01-0AA0**	**87555.-**
20kvar	5.67%	**4KA1220-6AC01-0AA0**	**91155.-**
25kvar	5.67%	**4KA1220-7AC01-0AA0**	**93120.-**
5kvar	7%	**4KA1220-1AA01-0AA0**	**40775.-**
10kvar	7%	**4KA1220-3AA01-0AA0**	**55945.-**
12.5kvar	7%	**4KA1220-4AA01-0AA0**	**60400.-**
15kvar	7%	**4KA1220-5AA01-0AA0**	**69740.-**
20kvar	7%	**4KA1220-6AA01-0AA0**	**74290.-**
25kvar	7%	**4KA1220-7AA01-0AA0**	**78180.-**
50kvar	7%	**4KA1220-2BA01-0AA0**	**139290.-**
75kvar	7%	**4KA1220-3BA03-0AA0**	**195345.-**
100kvar	7%	**4KA1220-4BA03-0AA0**	**245880.-**
5kvar	14%	**4KA1220-1AB01-0AA0**	**53690.-**
12.5kvar	14%	**4KA1220-4AB01-0AA0**	**110955.-**
15kvar	14%	**4KA1220-5AB01-0AA0**	**105520.-**
20kvar	14%	**4KA1220-6AB01-0AA0**	**129775.-**
25kvar	14%	**4KA1220-7AB01-0AA0**	**155290.-**
50kvar	14%	**4KA1220-2BB01-0AA0**	**254190.-**
75kvar	14%	**4KA1220-3BB03-0AA0**	**418190.-**
100kvar	14%	**4KA1220-4BB03-0AA0**	**502365.-**

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	**4KA1420-1AC01-0AA0**	**29350.-**
10kvar	5.67%	**4KA1420-3AC01-0AA0**	**38665.-**
12.5kvar	5.67%	**4KA1420-4AC01-0AA0**	**44220.-**
15kvar	5.67%	**4KA1420-5AC01-0AA0**	**51900.-**
20kvar	5.67%	**4KA1420-6AC01-0AA0**	**64540.-**
25kvar	5.67%	**4KA1420-7AC01-0AA0**	**66980.-**
50kvar	5.67%	**4KA1420-2BC01-0AA0**	**105255.-**
5kvar	7%	**4KA1420-1AA01-0AA0**	**32275.-**
10kvar	7%	**4KA1420-3AA01-0AA0**	**41540.-**
12.5kvar	7%	**4KA1420-4AA01-0AA0**	**45930.-**
15kvar	7%	**4KA1420-5AA01-0AA0**	**51765.-**
20kvar	7%	**4KA1420-6AA01-0AA0**	**55125.-**
25kvar	7%	**4KA1420-7AA01-0AA0**	**58965.-**
50kvar	7%	**4KA1420-2BA01-0AA0**	**101390.-**
75kvar	7%	**4KA1420-3BA03-0AA0**	**144005.-**
100kvar	7%	**4KA1420-4BA03-0AA0**	**180140.-**
5kvar	14%	**4KA1420-1AB01-0AA0**	**43090.-**
10kvar	14%	**4KA1420-3AB01-0AA0**	**73365.-**
12.5kvar	14%	**4KA1420-4AB01-0AA0**	**86995.-**
15kvar	14%	**4KA1420-5AB01-0AA0**	**91355.-**
20kvar	14%	**4KA1420-6AB01-0AA0**	**111115.-**
25kvar	14%	**4KA1420-7AB01-0AA0**	**126915.-**
50kvar	14%	**4KA1420-2BB01-0AA0**	**203505.-**

Std. Pkg. = 1 unit

* LP - List Price



3MT7 Capacitor Duty Contactors

NEW

Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.

Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.

Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	4865.-	1NC	3MT70002JA016A..	4865.-	1
NEW 5kvar	1NO	3MT70005JA106A..	5390.-	1NC	3MT70005JA016A..	5390.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	6180.-	2NC	3MT70007JA026A..	6180.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	7385.-	2NC	3MT70010JA026A..	7385.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	7550.-	2NC	3MT70012JA026A..	7550.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	9995.-	2NC	3MT70016JA026A..	9995.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	11580.-	2NC	3MT70020JA026A..	11580.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	13275.-	2NC	3MT70025JA026A..	13275.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	20120.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	32475.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	36500.-				1
60kvar	1NO+2NC	3MT70060JA126A..	40405.-				1
80kvar	1NO+2NC	3MT70080JA126A..	49600.-				1
100kvar	1NO+2NC	3MT70100JA126A..	51550.-				1

@ Please enter coil codes from table below

Coil for Conatctors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type@	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	1460.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1715.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	4430.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	4830.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	1085.-	10
2NC	3MT70200CL09M1A	1085.-	10

Automatic Power Factor Correction Relay (APFC relay)

Features

- Easy accessibility of parameters
- Universal control supply–optimizing the no of variants
- Automatic/ Linear/ rotational switching modes of banks
- Selectable 1A/ 5A current input
- LCD version with RS485 Communication MODBUS RTU Protocol
- Confirms to IEC60947-5-1, carry CE and RoHS Compliant



7UG0572-1GT20

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	39235.-	1
	12 Stage with LCD display	7UG0572-1GT20	42030.-	1
	12 stage with LED display	7UG0572-1GT21	24030.-	1

Std. Pkg. = 1 unit * LP - List Price



SIMARIS
software tools

SIMARIS suite: Easy access to SIMARIS planning tools

Integrated and Safe planning of complete power distribution system

SIMARIS design

Power distribution network planning

- Compatible to load projects of version 10.x/11.x/24.x/25.x /26.x
- From medium-voltage in-feed down to final distribution
- Based on calculations as per IS/ IEC standards
- With automatic selection of appropriate switchgear & components

SIMARIS curves

Visualization & evaluation of:

- Tripping characteristics
- Cut-off current characteristics
- Let-through energy curves

*Download FREE version from www.siemens.com/simaris

www.siemens.com/simaris



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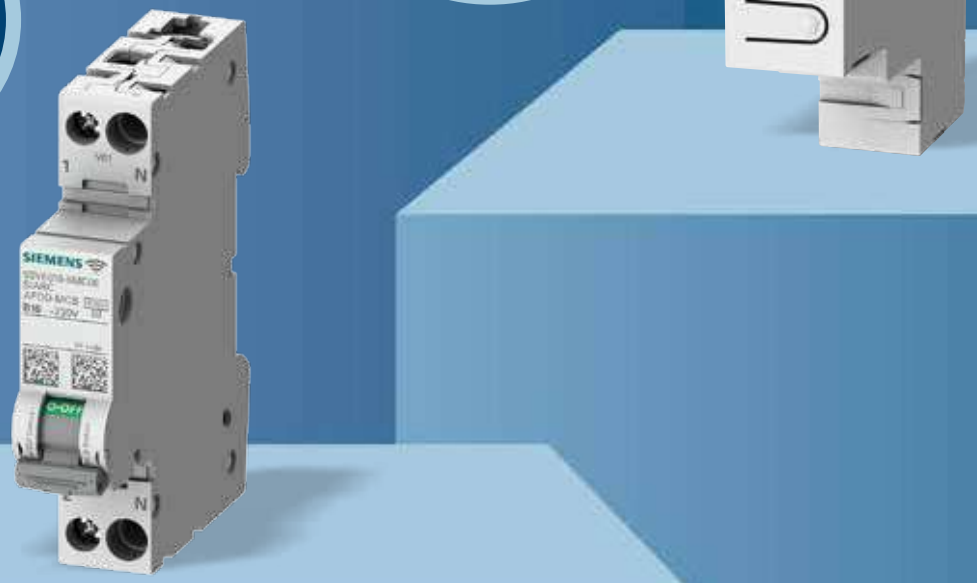
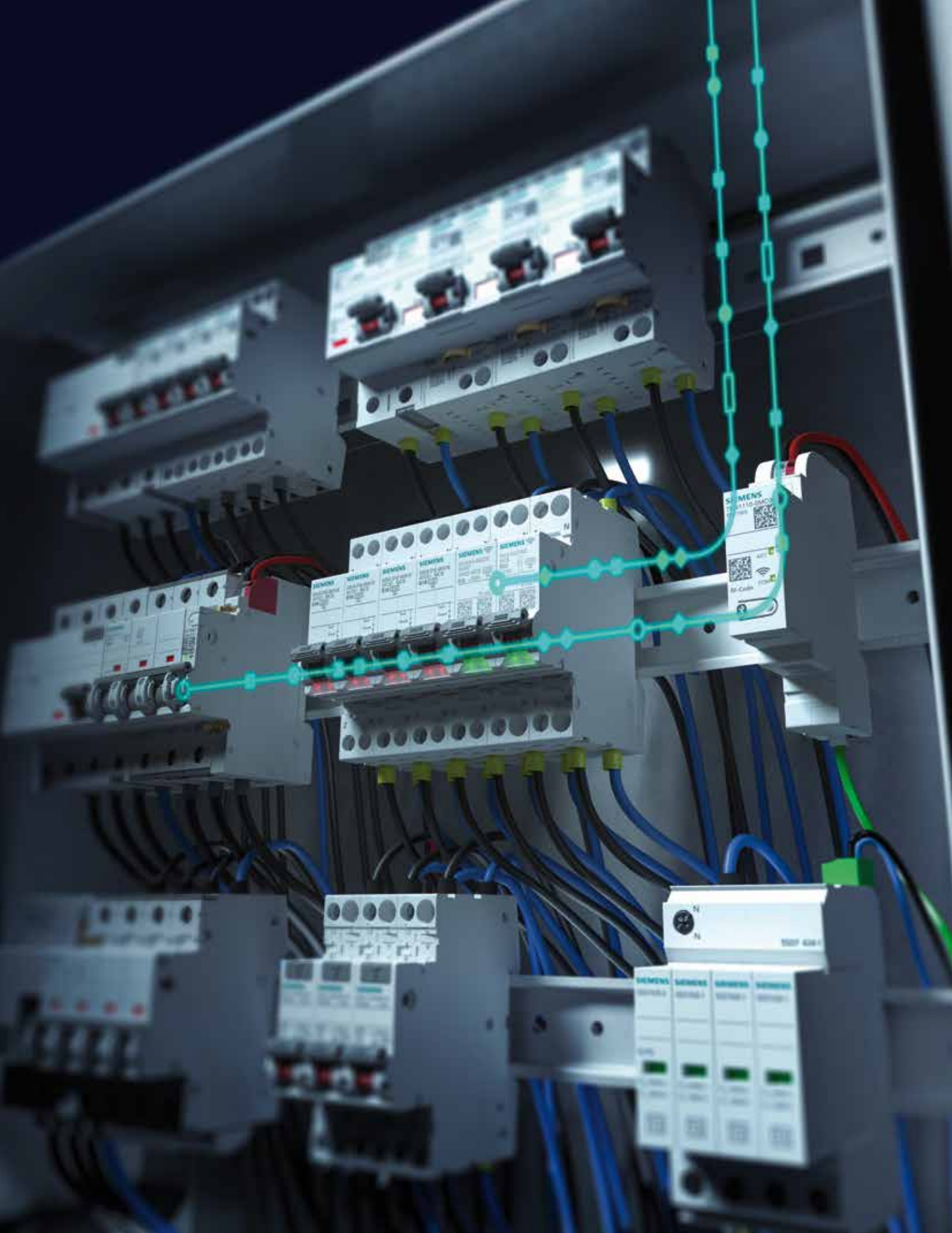
SENTRON
Circuit protection devices
with measuring and communication function

SENTRON Powercenter 1100 data transceiver

SENTRON 5SV6 COM AFDD/MCB

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THE POWER OF **SIMPLICITY**

SINOPLUS 5TJ Miniature Circuit Breakers

NEW

IEC Safe
Complies with IEC standards

Comprehensive range
For various applications

Reliable
Siemens trusted quality

RoHS compliance
Environmentally friendly





SIEMENS

Betagard Miniature Circuit Breakers Type 5SL6 and 5SL4

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V, 50...60Hz can be used in systems upto 60V DC for 1P and 110V DC for 2P &
- With ISI marking: CM/L No. 2255548

	I_n A	MW#	7500A		10000A	Std. Pkg. (Nos.)
			Characteristic B	Characteristic C		
1P, 240/415 V AC 	0.5	1	–	5SL61057RC	5SL41057RC	1/12
	1		–	5SL61017RC	–	1/12
	2		–	5SL61027RC	5SL41027RC	1/12
	3		–	5SL61037RC	5SL41037RC	1/12
	4		–	5SL61047RC	5SL41047RC	1/12
	6		5SL61066RC	5SL61067RC	5SL41067RC	1/12
	8		–	5SL61087RC	5SL41087RC	1/12
	10		5SL61106RC	5SL61107RC	5SL41107RC	1/12
	13		–	5SL61137RC	5SL41137RC	1/12
	16		5SL61166RC	5SL61167RC	5SL41167RC	1/12
	20		5SL61206RC	5SL61207RC	5SL41207RC	1/12
	25		5SL61256RC	5SL61257RC	5SL41257RC	1/12
	32		5SL61326RC	5SL61327RC	5SL41327RC	1/12
	40		5SL61406RC	5SL61407RC	5SL41407RC	1/12
	50		5SL61506RC	5SL61507RC	5SL41507RC	1/12
	63		5SL61636RC	5SL61637RC	5SL41637RC	1/12
2P, 415 V AC 	0.5	2	–	5SL62057RC	5SL42057RC	1/6
	1		–	5SL62017RC	–	1/6
	2		–	5SL62027RC	5SL42027RC	1/6
	3		–	5SL62037RC	5SL42037RC	1/6
	4		–	5SL62047RC	5SL42047RC	1/6
	6		5SL62066RC	5SL62067RC	5SL42067RC	1/6
	8		–	5SL62087RC	5SL42087RC	1/6
	10		5SL62106RC	5SL62107RC	5SL42107RC	1/6
	13		–	5SL62137RC	5SL42137RC	1/6
	16		5SL62166RC	5SL62167RC	5SL42167RC	1/6
	20		5SL62206RC	5SL62207RC	5SL42207RC	1/6
	25		5SL62256RC	5SL62257RC	5SL42257RC	1/6
	32		5SL62326RC	5SL62327RC	5SL42327RC	1/6
	40		5SL62406RC	5SL62407RC	5SL42407RC	1/6
	50		5SL62506RC	5SL62507RC	5SL42507RC	1/6
	63		5SL62636RC	5SL62637RC	5SL42637RC	1/6
3P, 415 V AC 	0.5	3	–	5SL63057RC	5SL43057RC	1/4
	1		–	5SL63017RC	–	1/4
	2		–	5SL63027RC	5SL43027RC	1/4
	3		–	–	5SL43037RC	1/4
	4		–	5SL63047RC	5SL43047RC	1/4
	6		5SL63066RC	5SL63067RC	5SL43067RC	1/4
	8		–	–	5SL43087RC	1/4
	10		5SL63106RC	5SL63107RC	5SL43107RC	1/4
	13		–	–	5SL43137RC	1/4
	16		5SL63166RC	5SL63167RC	5SL43167RC	1/4
	20		5SL63206RC	5SL63207RC	5SL43207RC	1/4
	25		5SL63256RC	5SL63257RC	5SL43257RC	1/4
	32		5SL63326RC	5SL63327RC	5SL43327RC	1/4
	40		5SL63406RC	5SL63407RC	5SL43407RC	1/4
	50		5SL63506RC	5SL63507RC	5SL43507RC	1/4
	63		5SL63636RC	5SL63637RC	5SL43637RC	1/4
4P, 415 V AC 	0.5	4	–	5SL64057RC	5SL44057RC	1/3
	1		–	5SL64017RC	–	1/3
	2		–	5SL64027RC	5SL44027RC	1/3
	3		–	–	5SL44037RC	1/3
	4		–	5SL64047RC	5SL44047RC	1/3
	6		5SL64066RC	5SL64067RC	5SL44067RC	1/3
	8		–	–	5SL44087RC	1/3
	10		5SL64106RC	5SL64107RC	5SL44107RC	1/3
	13		–	–	5SL44137RC	1/3
	16		5SL64166RC	5SL64167RC	5SL44167RC	1/3
	20		5SL64206RC	5SL64207RC	5SL44207RC	1/3
	25		5SL64256RC	5SL64257RC	5SL44257RC	1/3
	32		5SL64326RC	5SL64327RC	5SL44327RC	1/3
	40		5SL64406RC	5SL64407RC	5SL44407RC	1/3
	50		5SL64506RC	5SL64507RC	5SL44507RC	1/3
	63		5SL64636RC	5SL64637RC	5SL44637RC	1/3

1 MW (Module Width) = 18 mm

& subject to application specific circuit connections. Please contact your nearest Siemens Sales Office.

Refer latest Electrical Installations from A to Z Price List for prices

Betagard Circuit Breakers

5SL7 Miniature circuit breaker
- Standards: IS/IEC 60898-1
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity: upto 15kA
- With ISI marking: CM/L No. 2255548

IS/IEC 60898 - 1
CM/L No. 2255548

5SL5 Circuit Breakers
- Standards: IS/IEC 60947-2
- Voltage: 220V DC/1P & 440VDC/2P
- Breaking capacity: 10kA as per IS/IEC 60947-2

	Rated current I_n (A)	MW#		Characteristic C	Characteristic D		Characterestic C, DC	Std. Pkg. (Nos)
	0.5	1	1P, 240/415V AC	5SL71057RC	5SL71058RC	1P, 220V DC	5SL51057RC	1/12
	1			5SL71017RC	5SL71018RC		5SL51017RC	1/12
	2			5SL71027RC	5SL71028RC		5SL51027RC	1/12
	3			–	–		5SL51037RC	1/12
	4			5SL71047RC	5SL71048RC		5SL51047RC	1/12
	6			5SL71067RC	5SL71068RC		5SL51067RC	1/12
	8			–	–		5SL51087RC	1/12
	10			5SL71107RC	5SL71108RC		5SL51107RC	1/12
	16			5SL71167RC	5SL71168RC		5SL51167RC	1/12
	20			5SL71207RC	5SL71208RC		5SL51207RC	1/12
	25			5SL71257RC	5SL71258RC		5SL51257RC	1/12
	32			5SL71327RC	5SL71328RC		5SL51327RC	1/12
	40			5SL71407RC	5SL71408RC		5SL51407RC	1/12
	50			5SL71507RC	5SL71508RC		5SL51507RC	1/12
	63			5SL71637RC	5SL71638RC		5SL51637RC	1/12
	0.5	2	2P, 415V AC	5SL72057RC	5SL72058RC	2P, 440V DC	5SL52057RC	1/6
	1			5SL72017RC	5SL72018RC		5SL52017RC	1/6
	2			5SL72027RC	5SL72028RC		5SL52027RC	1/6
	3			–	–		5SL52037RC	1/6
	4			5SL72047RC	5SL72048RC		5SL52047RC	1/6
	6			5SL72067RC	5SL72068RC		5SL52067RC	1/6
	8			–	–		5SL52087RC	1/6
	10			5SL72107RC	5SL72108RC		5SL52107RC	1/6
	16			5SL72167RC	5SL72168RC		5SL52167RC	1/6
	20			5SL72207RC	5SL72208RC		5SL52207RC	1/6
	25			5SL72257RC	5SL72258RC		5SL52257RC	1/6
	32			5SL72327RC	5SL72328RC		5SL52327RC	1/6
	40			5SL72407RC	5SL72408RC		5SL52407RC	1/6
	50			5SL72507RC	5SL72508RC		5SL52507RC	1/6
	63			5SL72637RC	5SL72638RC		5SL52637RC	1/6
	0.5	3	3P, 415V AC	5SL73057RC	5SL73058RC	–	–	1/4
	1			5SL73017RC	5SL73018RC		–	1/4
	2			5SL73027RC	5SL73028RC		–	1/4
	4			5SL73047RC	5SL73048RC		–	1/4
	6			5SL73067RC	5SL73068RC		–	1/4
	10			5SL73107RC	5SL73108RC		–	1/4
	16			5SL73167RC	5SL73168RC		–	1/4
	20			5SL73207RC	5SL73208RC		–	1/4
	25			5SL73257RC	5SL73258RC		–	1/4
	32			5SL73327RC	5SL73328RC		–	1/4
	40			5SL73407RC	5SL73408RC		–	1/4
	50			5SL73507RC	5SL73508RC		–	1/4
	63			5SL73637RC	5SL73638RC		–	1/4
	0.5	4	4P, 415V AC	5SL74057RC	5SL74058RC	**4P, 880V DC***	–	1/3
	1			5SL74017RC	5SL74018RC		–	1/3
	2			5SL74027RC	5SL74028RC		–	1/3
	4			5SL74047RC	5SL74048RC		–	1/3
	6			5SL74067RC	5SL74068RC		5SL54067RC	1/3
	10			5SL74107RC	5SL74108RC		5SL54107RC	1/3
	16			5SL74167RC	5SL74168RC		5SL54167RC	1/3
	20			5SL74207RC	5SL74208RC		–	1/3
	25			5SL74257RC	5SL74258RC		5SL54257RC	1/3
	32			5SL74327RC	5SL74328RC		5SL54327RC	1/3
	40			5SL74407RC	5SL74408RC		5SL54407RC	1/3
	50			5SL74507RC	5SL74508RC		–	1/3
	63			5SL74637RC	5SL74638RC		5SL54637RC	1/3

1 MW (Module Width) = 18 mm

Refer latest Electrical Installations from A to Z Price List for prices

* Maximum operational voltage 1000V DC



Geared to act FAST!

Siemens range of fuses

Fuses are the fastest & simplest current limiting devices, suitable for protection of lines, systems, devices in both distribution & control circuits.

Available in varied design - with a wide current range, multiple voltage ratings and high short circuit strength. Our fuses are perfectly equipped to minimize the effect of over currents, thus allowing you to protect property as well as lives.

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

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SIEMENS

HRC fuses (DIN) 3NA

- High Breaking capacity of 120kA
- Dual indication for fault detection
- CE marked
- Highly compact: upto 100A in size 000



Upto 800A, 500V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	945.-	1/6
	4	3NA78040RC	945.-	1/6
	6	3NA78010RC	945.-	1/6
	10	3NA78030RC	945.-	1/6
	16	3NA78050RC	955.-	1/6
	20	3NA78070RC	955.-	1/6
	25	3NA78100RC	955.-	1/6
	32	3NA78120RC	955.-	1/6
	40	3NA78170RC	995.-	1/6
	50	3NA78200RC	995.-	1/6
	63	3NA78220RC	1110.-	1/6
	80	3NA78240RC	1225.-	1/6
	100	3NA78300RC	1225.-	1/6
00	125	3NA78320RC	1460.-	1/6
	160	3NA78360RC	1545.-	1/6
1	50	3NA71200RC	2110.-	1/3
	63	3NA71220RC	2110.-	1/3
	80	3NA71240RC	2110.-	1/3
	100	3NA71300RC	2110.-	1/3
	125	3NA71320RC	2210.-	1/3
	160	3NA71360RC	2265.-	1/3
	200	3NA71400RC	2265.-	1/3
	224	3NA71420RC	2370.-	1/3
	250	3NA71440RC	2555.-	1/3
2	200	3NA72400RC	3135.-	1/3
	250	3NA72440RC	3260.-	1/3
	315	3NA72520RC	3380.-	1/3
	400*	3NA72600RC	3380.-	1/3
3	315	3NA33520RC	4805.-	1/3
	400	3NA33600RC	4805.-	1/3
	500	3NA33650RC	5370.-	1/3
	630	3NA33720RC	5505.-	1/3
	800*	3NA33754RC	6700.-	1/3

* 800A is rated at 415V AC

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	1070.-	1
1	250	■ 3NG1250	1620.-	1
2	400	■ 3NG1300	2630.-	1
3	630	■ 3NG1400	2725.-	1



Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00/000	160	3NA7 8	■ 3NH3030-0RC (Screw-in)	1325.-	1/10
00/000	160	3NA7 8	■ 3NH3032-0RC (Plug in)	1420.-	1/10
1	250	3NA7 1	■ 3NH3230-0RC	2655.-	1/5
2	400	3NA7 2	■ 3NH3330-0RC	3760.-	1/5
3	630	3NA3 3	■ 3NH3430-0RC	5420.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	6425.-	1/5



Fuse puller

Description	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	6385.-	1
Suitable only for fuse links and isolating links	3NX1010	2660.-	1



Fuse & Fuse base for 1000A/1250A (IEC design)

Size	Rating	Type	Unit LP* ₹	Std. pkg.** (nos.)
4	1000A	3NA3480	POR	1/ 1
4	1250A	3NA3482		1/ 1
4	1250A	3NH3530 Fuse base		1/ 1



690V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00	40	3NA78176RC	1355.-	1/6
	50	3NA78206RC	1355.-	1/6
	63	3NA78226RC	1460.-	1/6
	80	3NA78246RC	1545.-	1/6
	100	3NA78306RC	1545.-	1/6
1	125	3NA71326RC	2715.-	1/3
	160	3NA71366RC	2810.-	1/3
	200	3NA71406RC	2810.-	1/3
2	250	3NA72446RC	3720.-	1/3
	315	3NA72526RC	4010.-	1/3
3	400	3NA33606RC	5185.-	1/3
	425	3NA33626RC	5965.-	1/3
	500	3NA33656RC	6375.-	1/3

690V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Unit LP*₹
000	2A	3NA78026	POR
	4A	3NA78046	
	6A	3NA78016	
	10A	3NA78036	
	16A	3NA78056	
	20A	3NA78076	
	25A	3NA78106	
	32A	3NA78126	
	35A	3NA78146	

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

POR: Price On Request

■ **Stock items** * LP - List Price @ MRP - Max. Retail Price

3NA6 Fuse with Insulated Gripping Lugs

NEW

Enhancement in safety with high grade plastic cover plates.

IEC **Safe** Complies with IEC standards	**Ease of Maintenance** Retrofitting at site	**Reliable** Siemens trusted quality	RoHS COMPLIANT **RoHS** Complies to RoHS directives



SIEMENS

Features and Benefits



- Enhanced safety with insulated gripping lugs, it will provide safety while operating.
- No special tools required enabling easy & fast installation.
- Effective & easy replacement as DIN sizes remain same as existing 3NA3 / 3NA7 fuses.
- RoHS compliant as material for gripping lugs is environment compliant.

Selection & ordering data

LV HRC fuses : 3NA6...-.RC 500V AC

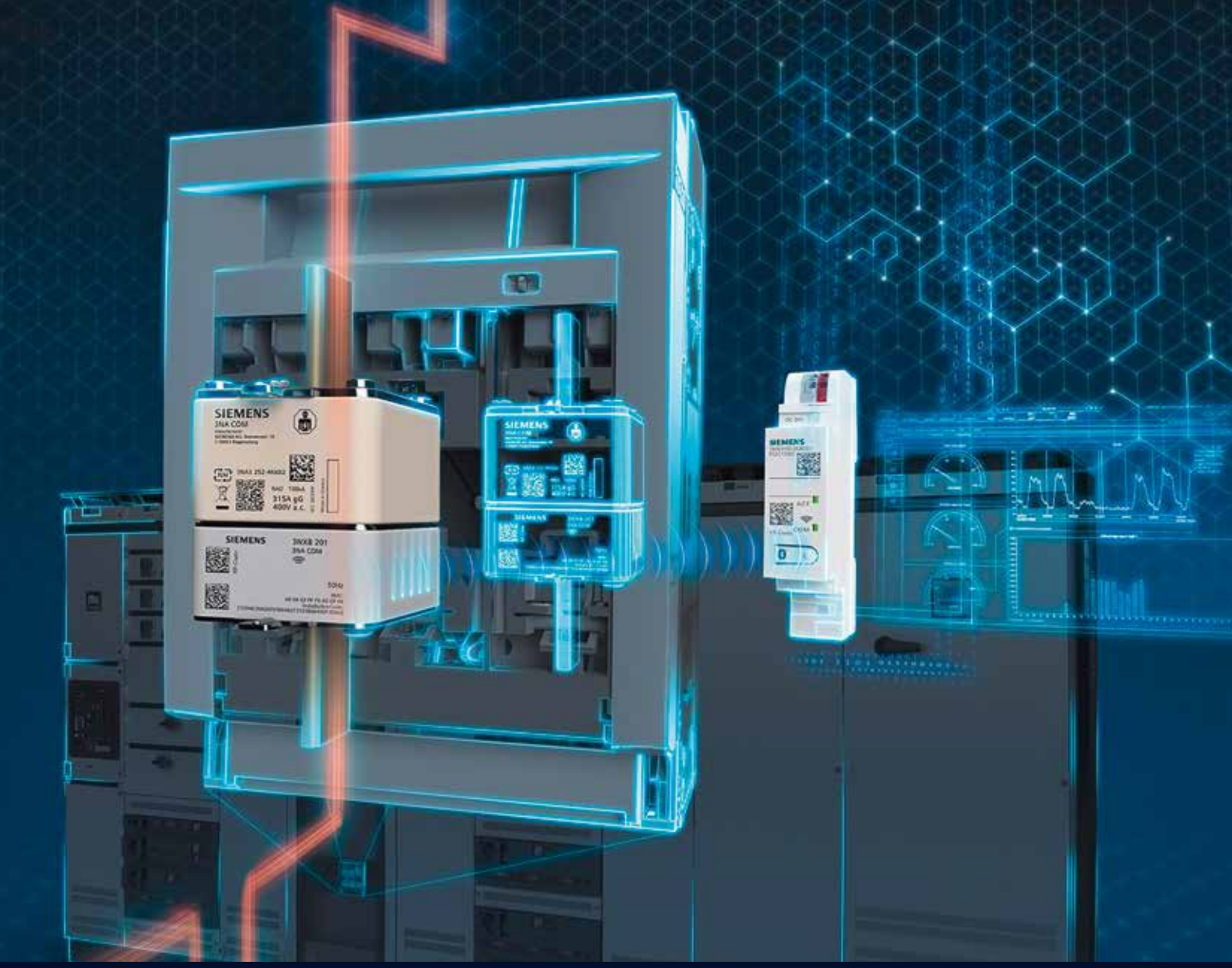
LV HRC fuse links with Insulated gripping lugs

- According to IS/IEC 60269-2-1
- Rated voltage (AC): 500V
- Utilization Category gG
- Rated short circuit breaking capacity: 120kA (AC)

Fuses	DIN Size	Rated current	Rated voltage	Order No.	Unit LP* ₹	Std. pkg. (nos.)
	1	50A	500 V	**3NA61200RC**	**2110.-**	**3**
		63A	500 V	**3NA61220RC**	**2110.-**	**3**
		80A	500 V	**3NA61240RC**	**2110.-**	**3**
		100A	500 V	**3NA61300RC**	**2110.-**	**3**
		125A	500 V	**3NA61320RC**	**2210.-**	**3**
		160A	500 V	**3NA61360RC**	**2265.-**	**3**
		200A	500 V	**3NA61400RC**	**2265.-**	**3**
		224A	500 V	**3NA61420RC**	**2370.-**	**3**
		250A	500 V	**3NA61440RC**	**2555.-**	**3**
	2	200A	500 V	**3NA62400RC**	**3135.-**	**3**
		250A	500 V	**3NA62440RC**	**3260.-**	**3**
		315A	500 V	**3NA62520RC**	**3380.-**	**3**
		400A	500 V	**3NA62600RC**	**3380.-**	**3**

* LP - List Price





SENTRON 3NA COM LV HRC fuse link – safety through transparency

NEW

Optimize the operation of your plants with consistent data that's constantly available when and where you need it – whether in the cloud using higher-level analysis tools, via a PC using the SENTRON power manager power monitoring software, or directly at the plant via a mobile device using the SENTRON power config mobile app.

In the event of a fault, detecting and locating power failures are time-consuming and costly. Smart local grids are only as smart as their individual components.The measurement and communication-capable 3NA COM LV HRC fuse link makes transformer substations smart and enables them to be integrated in digital systems.

Communication Capable Fuse Link offers:

- Transparency for the local grid transformer station
- Easy retrofit
- Powerful interface for digitalization
- Sustainable and robust design

With Siemens fuses - protection is Easy, Safe and Reliable

www.siemens.com/fuses

SIEMENS

SENTRON COM LV HRC fuses (DIN) 3NA

NEW

- 3NA COM LV HRC fuse links, Size 2 With communication and metering function
- Standards: In accordance with IEC 60269-1/-2; EN 60269-1/-2; DIN VDE 0636-1/-2
- Class gG, Size 2
- Breaking capacity 100kA (AC)
- CE Marked

3NA COM LV HRC fuse links with integrated Electronic Module

Rated Voltage (V)	Rated Current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
400	100 A	**3NA32304KK01**	gG	2	**POR**	**1**
	125 A	**3NA32324KK01**				
	160 A	**3NA32364KK01**				
	200 A	**3NA32404KK01**				
	224 A	**3NA32424KK01**				
	250 A	**3NA32444KK01**				
	315 A	**3NA32524KK01**				



3NA COM LV HRC fuse links without# integrated Electronic Module

Rated Voltage (V)	Rated Current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
400	100 A	**3NA32304KK02**	gG	2	**POR**	**1**
	125 A	**3NA32324KK02**				
	160 A	**3NA32364KK02**				
	200 A	**3NA32404KK02**				
	224 A	**3NA32424KK02**				
	250 A	**3NA32444KK02**				
	315 A	**3NA32524KK02**				



Electrical module

Type	Description	Unit LP* ₹	Std. pkg.** (nos.)
3NX8201	Electronic Module for Smart Fuse	**POR**	**1**



** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

* LP - List Price POR: Price On Request

For communication to be used with 3NX8201



HRC fuses (BS) 3NW

- 2A-800A
- Rated at 415V AC/240V DC
- Breaking capacity 80kA (AC)



Blade tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWNS2	355.-	20
4	■ 3NWNS4	355.-	20
6	■ 3NWNS6	355.-	20
10	■ 3NWNS10	355.-	20
16	■ 3NWNS16	355.-	20
20	■ 3NWNS20	420.-	20
25	■ 3NWNS25	420.-	20
32	3NWNS32	420.-	20

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	505.-	20
4	3NWTIA4	505.-	20
6	3NWTIA6	505.-	20
10	■ 3NWTIA10	570.-	20
16	■ 3NWTIA16	570.-	20
20	■ 3NWTIA20	570.-	20
25	■ 3NWTIA25	570.-	20
32	■ 3NWTIA32	570.-	20
40	3NWTIS40	775.-	20
50	■ 3NWTIS50	775.-	20
63	■ 3NWTIS63	775.-	20
80	3NWTCP80	1995.-	10
100	■ 3NWTCP100	1995.-	10
125	3NWTFP125	4040.-	5
160	3NWTFP160	4040.-	5
200	3NWTFP200	4040.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTC80	2150.-	10
100	3NWTC100	2150.-	10
125	3NWTF125	4430.-	5
160	3NWTF160	4430.-	5
200	3NWTF200	4430.-	5
250	3NWTKF250	6120.-	1
315	3NWTKF315	6120.-	1
355	3NWTMF355	7125.-	1
400	3NWTMF400	7125.-	1
500	3NWTTM500	11195.-	1
630	3NWTTM630	13635.-	1
710	3NWTLM710	15575.-	1
800	3NWTLM800	15575.-	1

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ **Stock items**

* MRP - Maximum Retail Price

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	420.-	20
10	3NWTSA10	420.-	20
16	3NWTSA16	420.-	20
20	3NWTSA20	420.-	20
25	3NWTSA25	420.-	20
32	3NWTSA32	420.-	20
36	3NWTSS36	840.-	20
40	3NWTSS40	840.-	20
50	3NWTSS50	840.-	20
63	3NWTSS63	840.-	20
80	3NWTSDS80	1575.-	20
100	3NWTSDS100	1575.-	20
125	3NWTSFP125	1980.-	5
160	3NWTSFP160	2155.-	5
200	3NWTSFP200	1980.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	1915.-	10
100	3NWTSDC100	1915.-	10
125	3NWTSF125	1995.-	5
160	3NWTSF160	1995.-	5
200	3NWTSF200	1995.-	5
250	3NWTSK250	4790.-	1
315	3NWTSK315	4790.-	1
355	3NWTSMS355	8000.-	1
400	3NWTSMS400	8000.-	1
450	3NWTSTS450	6635.-	1
500	3NWTSTS500	6635.-	1
560	3NWTSLS560	12660.-	1
630	3NWTSLS630	10740.-	1
800	3NWTSLS800	15510.-	1

Fuse holders (for fuses type 3NW TIA, TSA, TIS, TSS, TSDS)

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWCM32F9	8255.-	10
63	3NWCM63F9	9690.-	10
100	3NWCM100F9	10695.-	10

Fuse holders (for fuses Type 3NW NS) & Isolating link

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NNSF	605.-	10
32	■ 3NW32NNSF	760.-	10
32A (Iso. Link)	■ 3NW32NNSL	335.-	10

Please order in multiples of standard packing.

Fuses for semiconductor protection - SITOR 3NE / 3NC

- Current Range upto 2400A
- Operating voltage: 500V - 2500V AC
- Suitable for mounting in fuse base / SDF / busbars



3NE4 type

Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
1000	32	■ 3NE4101	gR	0	8010.-	3
	40	■ 3NE4102	gR	0	8045.-	3
	50	■ 3NE4117	gR	0	8435.-	3
	80	■ 3NE4120	aR	0	9130.-	3
	100	■ 3NE4121	aR	0	10000.-	3
	125	■ 3NE4122	aR	0	10740.-	3
	160	■ 3NE4124	aR	0	11840.-	3



Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
800	250	■ 3NE43276	aR	–	17355.-	1
	315	■ 3NE43306	aR	–	17925.-	1
	450	■ 3NE43336	aR	–	18730.-	1
	500	■ 3NE43346	aR	–	18875.-	1
	710	■ 3NE43376	aR	–	21110.-	1



3NE8 type[1)]
690 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
25	3NE80151	gR	00	17005.-	3
35	3NE80031	gR	00	17005.-	3
50	3NE80171	gR	00	17005.-	3
63	3NE80181	gR	00	17005.-	3
80	3NE80201	aR	00	18855.-	3
100	3NE80211	aR	00	19735.-	3
125	3NE80221	aR	00	20035.-	3
160	3NE80241	aR	00	21995.-	3
200	3NE12252	gR	1	55610.-	3
250	3NE12272	gR	1	57490.-	3
315	3NE12302	gR	1	59465.-	3
350	3NE13312	gR	2	78710.-	3
400	3NE13322	gR	2	101095.-	3
450	3NE13332	gR	2	84585.-	3
500	3NE13342	gR	2	87900.-	3
560	3NE14352	gR	3	109235.-	3
630	3NE14362	gR	3	113325.-	3
670	3NE14472	gR	3	115815.-	3
710	3NE14372	gR	3	120765.-	3
800	3NE14382	gR	3	129770.-	3
850	3NE14482	gR	3	141260.-	3

Note: For current ratings > 1600A ,Operating voltage > 2000V AC please contact your nearest Siemens Sales Office.

[1)] Suitable for mounting on fuse base / 3KL8 / 3NP1

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ **Stock items**

* LP - List Price

Please order in multiples of standard packing.





3NE9 type
600 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
850	3NE94406	gR	–	94865.-	3
1250	3NE9450	aR	–	89405.-	3



3NE1 type[1)]
690 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
16	3NE18130	gS	000	20035.-	3
20	3NE18140	gS	000	20035.-	3
25	3NE18150	gS	000	20035.-	3
35	3NE18030	gS	000	20035.-	3
40	3NE18020	gS	000	20035.-	3
50	3NE18170	gS	000	20035.-	3
63	3NE18180	gS	000	20035.-	3
80	3NE18200	gS	000	20035.-	3
100	3NE10210	gS	00	25860.-	3
125	3NE10220	gS	00	25860.-	3
160	3NE12240	gS	1	61125.-	3
200	3NE12250	gS	1	61125.-	3
250	3NE12270	gS	1	64180.-	3
315	3NE12300	gS	1	68830.-	3
350	3NE13310	gS	2	85470.-	3
400	3NE13320	gS	2	86205.-	3
450	3NE13330	gS	2	86755.-	3
500	3NE13340	gS	2	88035.-	3
560	3NE14350	gS	3	88540.-	3
630	3NE14360	gS	3	92355.-	3
710	3NE14370	gS	3	98555.-	3
800	3NE14380	gS	3	112530.-	3



3NE8 type
690 V AC / 700V DC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
20	3NE87141	gR	000	18060.-	10
25	3NE87151	gR	000	18060.-	10
32	3NE87011	gR	000	18060.-	10
40	3NE87021	gR	000	18060.-	10
50	3NE87171	gR	000	18615.-	10
63	3NE87181	aR	000	18615.-	10
80	3NE87201	aR	000	19520.-	10
100	3NE87211	aR	000	19520.-	10
125	3NE87221	aR	000	17360.-	10
160	3NE87241	aR	000	20265.-	10
200	3NE87251	aR	000	20710.-	10
250	3NE87271	aR	000	22490.-	10
315	3NE87311	aR	000	29565.-	10

Fuses for semiconductor protection - SITOR 3NE / 3NC



3NE3 type
1000 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
100	3NE3221	aR	1	45510.-	3
125	3NE3222	aR	1	46840.-	3
160	3NE3224	aR	1	46840.-	3
200	3NE3225	aR	1	51545.-	3
250	3NE3227	aR	1	52900.-	3
315	3NE32300B	aR	1	55085.-	3
350	3NE3231	aR	1	65400.-	3
400	3NE32320B	aR	1	70045.-	3
450	3NE3233	aR	1	72555.-	3
400	3NE33320B	aR	2	70720.-	3
450	3NE3333	aR	2	74480.-	3
500	3NE33340B	aR	2	75870.-	3
560	3NE3335	aR	2	78740.-	3
630	3NE3336	aR	2	82490.-	3
710^	3NE33378	aR	2	112975.-	3
800^	3NE33388	aR	2	116100.-	3
900^	3NE33408	aR	2	138300.-	3

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
630	3NC33361U	aR	3	POR	1/3
710	3NC33371U	aR	3		1/3
800	3NC33381U	aR	3		1/3
900	3NC33401U	aR	3		1/3
1000	3NC33411U	aR	3		1/3
1100	3NC33421U	aR	3		1/3
1250	3NC33431U	aR	3		1/3

^ 710A: 900V AC; 800A: 800V AC; 900A: 690V AC



3NC type
690V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
150	3NC84233C	gR	3	104665.-	3
200	3NC84253C	gR	3	73035.-	3
250	3NC84273C	gR	3	83500.-	3
350	3NC84313C	gR	3	86100.-	3
500	3NC84343C	gR	3	93045.-	3
1000#	3NC84443C	aR	3	169085.-	3

1000A, 600V AC



3NE5 type
1500 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
160	3NE54240C	aR	3	133665.-	2
224	3NE54260C	aR	3	146230.-	2
250	3NE56270C	aR	3	135645.-	3
315	3NE54300C	aR	3	139680.-	2
350	3NE54310C	aR	3	153325.-	2
450	3NE56330C	aR	3	152235.-	3
600	3NE56430C	aR	3	181150.-	3



3NE7 type
2000 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
200	3NE74250U	aR	3	POR	2
250	3NE74270U	aR	3		2
350	3NE74310U	aR	3		2
400	3NE74320U	aR	3		2
450	3NE76331U	aR	3		2
525	3NE76481U	aR	3		2
630	3NE76361U	aR	3		2
710	3NE76371U	aR	3		2



Fuse bases for SITOR fuses

- With bolt-on links or slotted blade contacts
- 1-pole

Version mm	For fuse series	I_n (A)	U_n (V AC / V DC)	Con-nection bolt	Type	Unit LP* ₹	Std. pkg. (nos.)
75	3NC18	50	690	M5	3NH5723	POR	1/3
80	3NE87, 3NC26 3NE80..-3MK 3NC32..-1U, 3NE82..-3MK	315 400 1600	690 690 690	M8 M10 M10	3NH5023 3NH5323 3NH5423		1/3
110	3NC24, 3NC33..-1U, 3NC34..-1U, 3NC84, 3NE1...-3, 3NE32, 3NE33, 3NE34	1250	1250	M10	3NH5463		1/3
170	3NE53, 3NE56	630	1800	M10	3NH5473		1/3

Utilization category as per VDE 0636/IEC 60269

Semiconductor	aR, gR, gS
Cable & Conductor	gG
Motor	aM

1st letter
- a = Partial range of protection (accompanied fuses)
- g = Complete range protection (general purpose fuses)

2nd letter
- G(-L) = Cable & conductor protection (general purpose fuses)
- M = Motor protection
- R, S = Semiconductor protection

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

* LP - List Price POR: Price On Request

Please order in multiples of standard packing.

Cylindrical Fuses (3NW)

- Rated current 0.5A-100A
- Breaking capacity 100kA
- Operational Class gG and aM





Cylindrical Fuse, Size 10 x 38

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
0.5A	10 x 38	500	3NW60001	1505.-	1/10
1A			3NW60111	1505.-	1/10
2A			3NW60021	1505.-	1/10
4A			3NW60041	1505.-	1/10
6A			3NW60011	1505.-	1/10
8A			3NW60081	1505.-	1/10
10A			3NW60031	1505.-	1/10
12A			3NW60061	1505.-	1/10
16A			3NW60051	1505.-	1/20
20A			3NW60071	1505.-	1/20
25A			3NW60101	1505.-	1/20
32A		400	3NW60121	1505.-	1/20

Cylindrical Fuse, Size 14 x 51

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
4A	14 x 51	690	3NW61041	1670.-	1/10
6A			3NW61011	1670.-	1/10
8A			3NW61081	1670.-	1/10
10A			3NW61031	1670.-	1/10
12A			3NW61061	1670.-	1/10
16A			3NW61051	1670.-	1/10
20A			3NW61071	1670.-	1/10
25A			3NW61101	1670.-	1/10
32A			3NW61121	1990.-	1/10
40A		500	3NW61171	1990.-	1/10
50A			3NW61201	1990.-	1/10



Cylindrical Fuse, Size 22 x 58

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
16A	22 x 58	690	3NW62051	2920.-	1/10
20A			3NW62071	2920.-	1/10
25A			3NW62101	2920.-	1/10
32A			3NW62121	2920.-	1/10
40A			3NW62171	3210.-	1/10
50A			3NW62201	3210.-	1/10
63A		500	3NW62221	3210.-	1/10
80A			3NW62241	3210.-	1/10
100A			3NW62301	3550.-	1/10

* LP - List Price



Cylindrical Fuse holders

No of Poles	Size	Rating (A)	MW	Type	Unit LP* ₹	Std. pkg.** (nos.)
1P	10 x 38	32A	1	3NW70132	2690.-	1/1
	14 x 51	50A	1.5	3NW7111	8540.-	1/1
	22 x 58	100A	2	3NW7211	13955.-	1/1
1+N	10 x 38	32A	1	3NW70532	5495.-	1/1
	14 x 51	50A	3	3NW7151	17680.-	1/1
	22 x 58	100A	4	3NW7251	28610.-	1/1
2P	10 x 38	32A	2	3NW70232	5390.-	1/1
	14 x 51	50A	3	3NW7121	17015.-	1/1
	22 x 58	100A	4	3NW7221	24085.-	1/1
3P	10 x 38	32A	3	3NW70332	8095.-	1/1
	14 x 51	50A	4.5	3NW7131	25490.-	1/1
	22 x 58	100A	6	3NW7231	35925.-	1/1

Note: Prices for 1+N and 3+N Fuse holder on request

Fuse Systems Available

1. Fuses for Photovoltaic application (DC 1000V / 1500V)
2. NEOZED Fuses & Busbar system up to 100A
3. Diazed fuse systems up to 63A
4. Class CC UL fuse links up to 30A

For more details please contact your nearest Siemens Sales Office.



Fuses for Special Applications

1. Rectifiers in Electrolysis system
2. SITOR 8QG 10/11 thyristor sets
3. Mounting in railway supply rectifier

For more details please contact your nearest Siemens Sales Office.





5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

Type 1 - For incoming power supply panels, in buildings with lightning protection system. Must be accompanied by downstream SPD

Type 2 - For distribution panels located downstream of Type 1 protectors or in incoming supply panels in areas of low exposure to lightning strikes, where the building is not fitted with lightning protection system

Type 3 - Always installed downstream of Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of Type 2 SPD

SIEMENS

Fuseless selection Iq = 50 kA, IS/IEC:60947-4-1
(3VM with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- **In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.**
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office.)
- Magnetic setting of Circuit breaker to be done as per starting current of Motor
- For charts with 3VM MCCB for ratings below 75kW, please contact your nearest Siemens Sales Office.
- **Recommended selection.**

Direct-on-line feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Breaking Capacity Iq	Circuit Breaker		Contactor		Bi-relay	
			MCCB	Rated current In (A)	Type	Amp	Type	Range (A)
75	134	50kA	**3VM1216-5MH32-0AA0**	160	**3RT1055**	150	**3RU2156-5DB10-8K**	110 - 160
90	160	50kA	**3VM1220-5MH32-0AA0**	200	**3RT1056**	185	**3RU2156-5EB10-8K**	140 - 200
110	190	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1064**	225	**3RU2166-5FB10-8K**	180 - 250
132	228	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1065**	265	**3RU2166-5GB10-8K**	220 - 320
160	269	50kA	**3VM1332-5MH32-0AA0**	320	**3RT1066**	300	**3RU2166-5GB10-8K**	220 - 320
200	335	50kA	**3VM1440-5MH32-0AA0**	400	**3RT1075**	400	**3RU2176-5HB10-8K**	280 - 400
250	418	50kA	**3VM1450-5MH32-0AA0**	500	**3RT1076**	500	**3RU2176-5JB10-8K**	350 - 500

Star-Delta feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Phase Current Iph (A)	Breaking Capacity Iq	Circuit Breaker		Contactor (Line/Delta)		Contactor (Star)		Bi-relay	
				MCCB	Rated current In (A)	Type	Amp	Type	Amp	Type	Range (A)
75	134	78	50kA	**3VM1216-5MH32-0AA0**	160	**3RT1054**	115	**3RT2037**	65	**3RU2156-5BB10-8K**	70 - 100
90	160	93	50kA	**3VM1220-5MH32-0AA0**	200	**3RT1055**	150	**3RT2038**	80	**3RU2156-5BB10-8K**	70 - 100
110	190	110	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT2046**	95	**3RU2156-5CB10-8K**	90 - 125
132	228	132	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT1054**	115	**3RU2156-5DB10-8K**	110 - 160
160	269	156	50kA	**3VM1332-5MH32-0AA0**	320	**3RT1064**	225	**3RT1054**	115	**3RU2156-5EB10-8K**	140 - 200
200	335	194	50kA	**3VM1440-5MH32-0AA0**	400	**3RT1065**	265	**3RT1055**	150	**3RU2166-5FB10-8K**	180 - 250
250	418	243	50kA	**3VM1450-5MH32-0AA0**	500	**3RT1066**	300	**3RT1056**	185	**3RU2166-5GB10-8K**	220 - 320

Note: For ratings below 75kW, with SCPD 3RV MPCB, please refer to Low Voltage Control Products Price List or please contact your nearest Siemens Sales Office.

Fuseless selection Iq = 50 kA, IS/IEC:60947-4-1
(3VA with 3RT & 3RU)

Suitable for IE3 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office.)
- Ratio of starting current to rated current: In accordance to IS12615:2018
- Magnetic setting of Circuit breaker to be done as per starting current of Motor
- For charts with 3VA MCCB for ratings below 37kW, please contact your nearest Siemens Sales Office.
- **Recommended selection**.

Direct-on-line feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Breaking Capacity Iq	Circuit Breaker		Contactor		Bi-relay	
			MCCB	Rated current In (A)	Type	Rating (A)	Type	Range (A)
37	64	50kA	**3VA1180-5MH32-0AA0**	80	**3RT2038**	80	**3RU2136-4KB0**	62...73
45	77	50kA	**3VA1110-5MH32-0AA0**	100	**3RT2046**	95	**3RU2146-4LB0**	70...90
55	94	50kA	**3VA1112-5MH32-0AA0**	125	**3RT1054**	115	**3RU2156-5CB10-8K**	90...125
75	132	50kA	**3VA1216-5MH32-0AA0**	160	**3RT1055**	150	**3RU2156-5DB10-8K**	110-160
90	155	50kA	**3VA1220-5MH32-0AA0**	200	**3RT1056**	185	**3RU2156-5EB10-8K**	140-200
110	186	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1064**	225	**3RU2166-5EB10-8K**	140-200
132	220	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1065**	265	**3RU2166-5FB10-8K**	180-250
160	267	50kA	**3VA1332-5MH32-0AA0**	320	**3RT1075**	400	**3RU2166-5GB10-8K**	220-320
200	332	50kA	**3VA1440-5MH32-0AA0**	400	**3RT1075**	400	**3RU2176-5HB10-8K**	280-400
250	416	50kA	**3VA1450-5MH32-0AA0**	500	**3RT1076**	500	**3RU2176-5JB10-8K**	350-500

Star-Delta feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Phase Current Iph (A)	Breaking Capacity Iq	Circuit Breaker		Contactor (Line/ Delta)		Contactor (Star)		Bi-relay	
				MCCB	Rated current In (A)	Type	Rating (A)	Type	Rating (A)	Type	Range (A)
37	64	37	50kA	**3VA1180-5MH32-0AA0**	80	**3RT2037**	65	**3RT2027**	32	**3RU2136-4GB0**	36...45
45	77	45	50kA	**3VA1110-5MH32-0AA0**	100	**3RT2038**	80	**3RT2035**	40	**3RU2136-4HB0**	40...50
55	94	54	50kA	**3VA1112-5MH32-0AA0**	125	**3RT2038**	80	**3RT2036**	50	**3RU2136-4QB0**	47...57
75	132	76	50kA	**3VA1216-5MH32-0AA0**	160	**3RT1054**	115	**3RT2037**	65	**3RU2156-5BB10-8K**	70-100
90	155	90	50kA	**3VA1220-5MH32-0AA0**	200	**3RT1055**	150	**3RT2038**	80	**3RU2156-5BB10-8K**	70-100
110	186	108	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT2046**	95	**3RU2156-5CB10-8K**	90-125
132	220	128	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT1054**	115	**3RU2156-5DB10-8K**	110-160
160	267	155	50kA	**3VA1332-5MH32-0AA0**	320	**3RT1064**	225	**3RT1054**	115	**3RU2156-5EB10-8K**	140-200
200	332	193	50kA	**3VA1440-5MH32-0AA0**	400	**3RT1065**	265	**3RT1055**	150	**3RU2166-5FB10-8K**	180-250
250	416	241	50kA	**3VA1450-5MH32-0AA0**	500	**3RT1066**	300	**3RT1056**	185	**3RU2166-5GB10-8K**	220-320

Note: For ratings below 37kW, with SCPD 3RV MPCB, please refer to Low Voltage Control Products Price List or please contact your nearest Siemens Sales Office.

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3KL with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office.)
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- SDF: Switch Disconnector Fuse. All fuses are DIN HRC type.
- Tested Type 2 combinations
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

SL Motor		SDF		Fuse		Contactor		Bi-Relay	
kW 415V, 3ph, 50/60 Hz	I_L Amps	Type	Amp	Type	Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1.1	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-0KB0	0.9 ... 1.25
0.55	1.4	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-1AB0	1.1 ... 1.6
0.75	1.7	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1BB0	1.4 ... 2
1.1	2.4	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1DB0	2.2 ... 3.2
1.5	3.2	3KL811	20	3NA78030RC	10	3RT2015	7	3RU2116-1EB0	2.8 ... 4
2.2	4.8	3KL811	20	3NA78050RC	16	3RT2015	7	3RU2116-1GB0	4.5 ... 6.3
3.7	7.4	3KL811	20	3NA78070RC	20	3RT2024	12	3RU2126-1JB0	7...10
5.5	11.2	3KL812	32	3NA78100RC	25	3RT2024	12	3RU2126-1KB0	9 ... 12.5
7.5	15	3KL812	32	3NA78120RC	32	3RT2025	17	3RU2126-4AB0	11 ...16
11	21	3KL815	63	3NA78200RC	50	3RT2027	32	3RU2126-4DB0	20 ... 25
15	28	3KL815	63	3NA78220RC	63	3RT2035	40	3RU2136-4EB0	22 ... 32
18.5	34	3KL821	100	3NA78240RC	80	3RT2035	40	3RU2136-4FB0	28 ... 40
22	40	3KL821	100	3NA78240RC	80	3RT2036	50	3RU2136-4GB0	36 ... 45
30	57	3KL821	100	3NA78300RC	100	3RT2037	65	3RU2136-4QB0	47 ... 57
37	64	3KL822	125	3NA78320RC	125	3RT2038	80	3RU2136-4KB0	62 ... 73
45	77	3KL822	125	3NA78320RC	125	3RT2046	95	3RU2136-4RB0	70 ... 80
55	101	3KL823	160	3NA78360RC	160	3RT1054	115	3RU2156-5CB10-8K	90 ... 125
75	134	3KL831	200	3NA71400RC	200	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3KL832	250	3NA71440RC	250	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	190	3KL832	250	3NA71440RC	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	228	3KL833	315	3NA72520RC	315	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	269	3KL834	400	3NA72600RC	400	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3KL841	500	3NA33650RC	500	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3KL841	500	3NA33650RC	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

Star-Delta feeder, for Low LCC

SL Motor			SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Timer
kW 415V, 3ph, 50/60 Hz	I_L Amps	IPh Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
4	7.8	4.5	3KL811	20	3NA78030RC	10	3RT2023	9	3RT2023	9	3RU2126-1FB0	3.5 ... 5	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3RT2023	9	3RT2023	9	3RU2126-1HB0	5.5 ... 8	3RP15
7.5	15	9.2	3KL811	20	3NA78070RC	20	3RT2024	12	3RT2023	9	3RU2126-1JB0	7 ... 10	3RP15
11	21	12	3KL812	32	3NA78100RC	25	3RT2025	17	3RT2023	9	3RU2126-1KB0	9 ... 12.5	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3RT2026	25	3RT2025	17	3RU2126-4BB0	14 ... 20	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3RT2027	32	3RT2026	25	3RU2126-4CB0	17 ... 22	3RP15
22	40	23.2	3KL815	63	3NA78200RC	63	3RT2035	40	3RT2026	25	3RU2136-4DB0	18 ... 25	3RP15
30	57	30.6	3KL821	100	3NA78220RC	80	3RT2035	40	3RT2026	25	3RU2136-4EB0	22 ... 32	3RP15
37	64	37.5	3KL821	100	3NA78240RC	80	3RT2035	40	3RT2027	32	3RU2136-4FB0	28 ... 40	3RP15
45	77	45	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2028	40	3RU2136-4HB0	40 ... 50	3RP15
55	101	55.4	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2035	40	3RU2136-4JB0	54 ... 65	3RP15
75	134	75.6	3KL823	160	3NA78360RC	160	3RT2038	80	3RT2037	65	3RU2136-4RB0	70 ... 80	3RP15
90	156	90	3KL823	160	3NA78360RC	160	3RT2046	95	3RT2038	80	3RU2146-4LB0	70 ... 90	3RP15
110	190	113	3KL831	200	3NA71400RC	200	3RT1054	115	3RT1054	115	3RU2156-5CB10-8K	90 ... 125	3RP15
132	228	133	3KL832	250	3NA71440RC	250	3RT1055	150	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	269	162	3KL833	315	3NA72520RC	315	3RT1056	185	3RT1054	115	3RU2156-5EB10-8K	140 ... 200	3RP15
200	350	202	3KL834	400	3NA72600RC	400	3RT1064	225	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	248	3KL841	500	3NA33650RC	500	3RT1075	400	3RT1065	265	3RU2166-5GB10-8K	220 ... 320	3RP15

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3KL with 3TF & 3UA)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- **In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.**
- Selection is for **normal starting** conditions with starting time ≤ 6 seconds. (For **heavy starting** applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office..)
- At 60°C service temperature the bi-relay has to be derated. The bi-relay can be used upto the maximum current setting indicated. For example - A bi-relay with setting 32-50A, at 60°C can be used only upto 47A. This however does not mean that at 60°C, the 50A setting corresponds to 47A. It means that, the bi-relay should not be set beyond 47A.
- **The electronic star-delta timer type 3RP should be used in star-delta feeders.**
- SDF: Switch Disconnector Fuse. **All fuses are DIN HRC type**.
- **Tested Type 2 combinations**
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

SL Motor	Motor	SDF		HRC Fuse		Contactor		Bi-Relay		Bi-Relay	
kW 415V, 3ph, 50Hz	I_L Amp	Type	Rating	Type	Amp	Type	Amp	Type (50°C)	Set-Range Amp	Type (60°C)	Available Set-Range Amp
0.37	1	3KL811	20	3NA78040RC	4	3TF30	9	3UA5000-0K	0.8 - 1.25	3UA5000-0K	0.8 - 1.17
0.55	1.3	3KL811	20	3NA78040RC	4	3TF30	9	3UA5000-1A	1 - 1.6	3UA5000-1A	1 - 1.5
0.75	1.9	3KL811	20	3NA78010RC	6	3TF30	9	3UA5000-1B	1.25 - 2	3UA5000-1C	1.6 - 2.3
1.1	2.6	3KL811	20	3NA78010RC	6	3TF30	9	3UA5000-1D	2 - 3.2	3UA5000-1D	2 - 3
1.5	3.7	3KL811	20	3NA78030RC	10	3TF30	9	3UA5000-1E	2.5 - 4	3UA5000-1E	2.5 - 3.7
2.2	4.8	3KL811	20	3NA78050RC	16	3TF30	9	3UA5000-1F	3.2 - 5	3UA5000-1G	4 - 5.9
3.7	7.8	3KL811	20	3NA78070RC	20	3TF30	9	3UA5000-1H	5 - 8	3UA5000-1J	6.3 - 9.4
5.5	11.2	3KL812	32	3NA78100RC	25	3TF31	12	3UA5000-1K	8 - 12.5	3UA5000-1K	8 - 11.7
7.5	16	3KL812	32	3NA78120RC	32	3TF32	16	3UA5200-2A	10 - 16	3UA5200-2B	12.5 - 18.7
9.3	19	3KL815	63	3NA78200RC	50	3TF34	32	3UA5500-2B	12.5 - 20	3UA5500-2C	16 - 23.4
11	20.8	3KL815	63	3NA78200RC	50	3TF34	32	3UA5500-2C	16 - 25	3UA5500-2C	16 - 23.4
15	28	3KL815	63	3NA78220RC	63	3TF34	32	3UA5500-2D	20 - 32	3UA5500-2D	20 - 30
18.5	34	3KL815	63	3NA78220RC	63	3TF35	38	3UA5500-2Q	25 - 36	3UA5500-2R	32 - 37.4
22	40	3KL817	100	3NA78240RC	80	3TF46	45	3UA5800-2FZ1	32 - 50	3UA5800-2FZ1	32 - 47
30	53	3KL817	100	3NA78300RC	100	3TF47	63	3UA5800-2TZ1	40 - 57	3UA5800-2PZ1	50 - 59
37	65	3KL822	125	3NA78320RC	125	3TF477	70	3UA5800-2VZ2	57 - 70	3UA5800-2VZ2	57 - 65.5
45	78	3KL822	125	3NA78320RC	125	3TF49	85	3UA5800-8YZ1	70 - 95	3UA5800-8YZ1	70 - 88.9
55	96	3KL823	160	3NA78360RC	160	3TF50	110	3UA5830-5C	85 - 105	3UA5830-5C	85 - 98.2
75	131	3KL831	200	3NA71400RC	200	3TF51	140	3UA6230-5A	85 - 135	3UA6230-5B	115 - 168
90	156	3KL832	250	3NA71440RC	250	3TF52	170	3UA6230-5B	115 - 180	3UA6230-5B	115 - 168
110	189	3KL832	250	3NA71440RC	250	3TF53	205	3UA6230-5C	160 - 250	3UA6230-5C	160 - 234
132	227	3KL833	315	3NA72520RC	315	3TF54	250	3UA6230-5C	160 - 250	3UA6230-5C	160 - 234
160	271	3KL834	400	3NA72600RC	400	3TF55	300	3UA6230-5D	200 - 320	3UA6230-5D	200 - 299
200	339	3KL841	500	3NA33650RC	500	3TF56	400	3UA6230-5E	250 - 400	3UA6230-5E	250 - 374
250	398	3KL841	500	3NA33650RC	500	3TF57	475	3UA6830-5F	320 - 500	3UA6830-5F	320 - 468

Star-Delta feeder, for Low LCC

SL Motor	Motor		SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Bi-Relay		Timer
kW 415V, 3ph, 50Hz	I_L Amp.	Iph Amp	Type	Rating	Type	Amp	Type	Amp	Type	Amp	Type (50°C)	Set-Range Amp	Type (60°C)	Available Set-Range Amp	Type
3.7	7.8	4.5	3KL811	20	3NA78030RC	10	3TF30	9	3TF30	9	3UA5000-1F	3.2-5	3UA5000-1F	3.2-4.7	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3TF30	9	3TF30	9	3UA5000-1H	5-8	3UA5000-1H	5-7.5	3RP15
7.5	16	9.2	3KL811	20	3NA78070RC	20	3TF31	12	3TF30	9	3UA5000-1J	6.3-10	3UA5000-1J	6.3-9.4	3RP15
9.3	19	11	3KL812	32	3NA78100RC	25	3TF31	12	3TF30	9	3UA5000-1K	8-12.5	3UA5000-1K	8-11.7	3RP15
11	20.8	12	3KL812	32	3NA78100RC	25	3TF31	12	3TF30	9	3UA5000-1K	8-12.5	3UA5000-2S	10-13.6	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3TF33	22	3TF32	16	3UA5200-2B	12.5-20	3UA5200-2B	12.5-18.7	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3TF34	32	3TF34	32	3UA5500-2B	12.5-20	3UA5500-2C	16-23.4	3RP15
22	40	23.2	3KL815	63	3NA78200RC	50	3TF34	32	3TF34	32	3UA5500-2C	16-25	3UA5500-2D	22-30	3RP15
30	53	30.6	3KL815	63	3NA78220RC	63	3TF34	32	3TF34	32	3UA5500-2D	20-32	3UA5500-2Q	25-33.7	3RP15
37	65	37.5	3KL817	100	3NA78240RC	80	3TF35	38	3TF34	32	3UA5500-2R	32-40	3UA5500-8M	36-45	3RP15
45	78	45	3KL817	100	3NA78300RC	100	3TF46	45	3TF34	32	3UA5800-2FZ1	32-50	3UA5800-2FZ1	32-47	3RP15
55	96	55.4	3KL817	100	3NA78300RC	100	3TF47	63	3TF34	32	3UA5800-2TZ1	40-57	3UA5800-2PZ1	50-59	3RP15
75	131	75.6	3KL823	160	3NA78360RC	160	3TF49	85	3TF47	63	3UA5800-8YZ1	70-95	3UA5800-8YZ1	70-88.9	3RP15
90	156	90.1	3KL823	160	3NA78360RC	160	3TF50	110	3TF47	63	3UA5830-5B	70-95	3UA5830-5C	85-98.2	3RP15
110	189	109	3KL831	200	3NA71400RC	200	3TF50	110	3TF50	110	3UA5830-5D	95-120	3UA5830-5D	95-112	3RP15
132	227	131.1	3KL832	250	3NA71440RC	250	3TF51	140	3TF50	110	3UA6230-5B	115-180	3UA6230-5B	115-168	3RP15
160	271	156.5	3KL833	315	3NA72520RC	315	3TF52	170	3TF50	110	3UA6230-5B	115-180	3UA6230-5B	115-168	3RP15
200	339	195.7	3KL834	400	3NA72600RC	400	3TF54	250	3TF52	170	3UA6230-5C	160-250	3UA6230-5C	160-234	3RP15
250	398	229.8	3KL841	500	3NA72600RC	400	3TF54	250	3TF54	250	3UA6230-5C	160-250	3UA6230-5D	200-299	3RP15

Available till stocks last

Superswitch 3KL8

Switch Disconnector fuse: 3KL8 3-pole with Isolable neutral (Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-3TA00	10130.-	3KL8111-3TJ00	9810.-	3KL8111-3TC00	9965.-	1
32A	3KL8121-3TA00	10370.-	3KL8121-3TJ00	10140.-	3KL8121-3TC00	10290.-	1
63A	3KL8151-3TA00	14645.-	3KL8151-3TJ00	14180.-	3KL8151-3TC00	14300.-	1
100A	3KL8211-3TA00	29270.-	3KL8211-3TJ00	28720.-			1
125A	3KL8221-3TA00	38260.-	3KL8221-3TJ00	37765.-			1
160A$	3KL8231-3TA00	41780.-	3KL8231-3TJ00	41180.-			1
200A	3KL8311-3UA00	53365.-	3KL8311-3UJ00	51650.-			1
250A	3KL8321-3UA00	62735.-	3KL8321-3UJ00	63850.-			1
315A	3KL8331-3UA00	77555.-	3KL8331-3UJ00	75540.-			1
400A$	3KL8341-3UA00	93445.-	3KL8341-3UJ00	94835.-			1
500A	3KL8411-3UA00	146190.-	3KL8411-3UJ00	140600.-			1
630A	3KL8421-3UA00	150190.-	3KL8421-3UJ00	145690.-			1
800A$	3KL8431-3UA00	162700.-	3KL8431-3UJ00	157895.-			1

Notes:
3KL8/ 3KA8 is rated for 690V, 50Hz, AC23A Utilisation Category
$ AC23A @500V AC
All SDF Unit MRPs are without fuses
Unit MRP's are inclusive of front drive (Handle) kit, fuse cover, terminal cover, isolable neutral cover and phase barriers.

Accessories for 3KL8 / 3KA8: 3-pole with Isolable neutral (Open Execution)

Description	3KL81 11/21/51 3KA81 51	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41/51	Unit MRP* ₹	3KL84 11/21/31 3KA84 3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)
Fuse Cover	3KX8150-0AC	1180.-	3KX8230-0AC	1690.-	3KX8340-0AC	2485.-	3KX8430-0AC	3520.-	1
Terminal Cover (1 set)	–	–	3KX8231-0AC	1440.-	3KX8341-0AC	2705.-	3KX8431-0AC	3175.-	1
Isolable Neutral cover	–	–	3KX8232-0AC	715.-	–	–	–	–	1
Phase Barrier$$	3KX8153-0AC	475.-	3KX8233-0AC	475.-	3KX8343-0AC	690.-	3KX8433-0AC	895.-	1

$$For phase barriers of BS type switches please contact your nearest Siemens Sales Office.

3VT MCCBs

Description	Type
3VT Main switching unit without Trip Units	3VT2
3VT Main switching unit without Trip Units	3VT3
3VT Main switching unit without Trip Units	3VT4
3VT Main switching unit without Trip Units	3VT5
3VT Microprocessor Based Trip Unit (ETU)	3VT9
Accessories for 3VT2-5	3VT9..\ 3VT9..

Discontinued products

3KC Automatic Transfer Controller

Description	Type
ATC 5300	3KC9000-8TL30

Motor control switches 3LA0

Description		Motor output 415V, 50Hz, 3Ph kW	Type
In sheet steel housing	On/Off	7.5	■ 3LA0221-1YA
		30	■ 3LA0621-1YB
	System selector	5.5	3LA0222-1YA
	Reversing	5.5	■ 3LA0223-1YA

Control switches 3ST

Switch	Description	Type
2-Pole On-Off [1), 2)] **3-Pole On-Off** [1), 2)]	415V, 50Hz/8.5A	■ **3ST1 400-0AF08** ■ **3ST1 400-1AH08**
Ammeter selector **Voltmeter selector**	0–L1–L2–L3 0–L1L2–L2L3–L3L1	■ **3ST1 400-2RQ08** ■ **3ST1 400-1RK08**

1) 12th place code '8' represents black knob. Replace it by '9' for red knob.
2) 9th place code 'A' represents rotation < 360°. For 360° rotation, replace it by 'B'

Accessories for Superswitch: 3KL8/ 3KA8

Description	3KL83 11/21/31/41 3KA83 11/21/41	3KL84 11/21/31 3KA84 2/3/4/5/6	Std.pkg. (nos.)
Key interlock	**3KX3588-1YP(.)#**	**3KX3588-1YP(.)#**	**1**

Type of keys are Type A - F depending on the last digit (.) to be replaced by letters A - F.

Description	Type
3VL MCCBs	**3VL1 - 3VL8**
3VL Accessories	**3VL9..., \3VL9...**

Std. Pkg. = 1 unit * LP - List Price

One point contact for your service needs

Retrofit & Upgrades
Complete Panel Retrofit
Third Party Product Retrofit
Conventional to i-MCC
ACB Retrofit / Smart Retrofit
Numerical Relay Retrofit
Old ACB Refurbishment



Service Contracts
Panel Servicing
ACB Servicing
Repair Contracts
Soft starter Repair



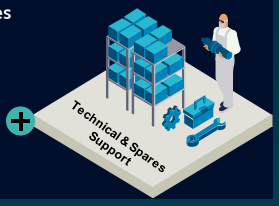
Field Services
Warranty Support
Post Warranty Support
Commissioning Support



Digitalization
Energy Management System
Simocode Master Class 2
Comm. Network Analysis
Temperature Monitoring
Cloud Apps
IoT Edge Devices



Technical & Spares Support
Remote Support
Panel Spares
Breaker Spares
Soft Starter Spares



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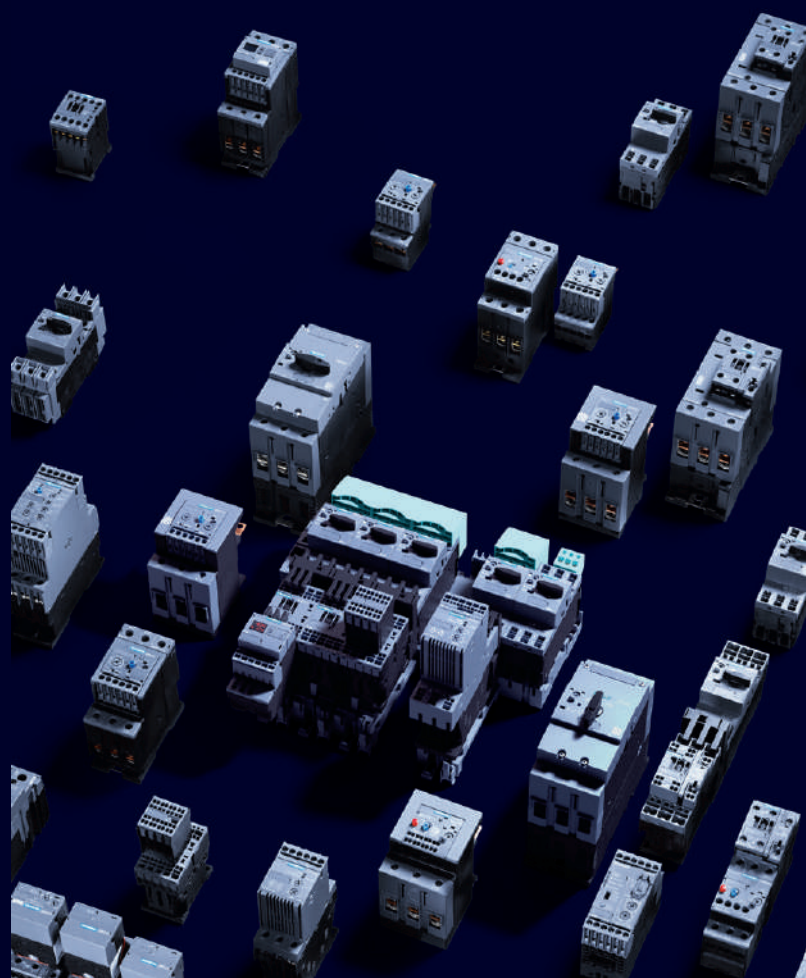

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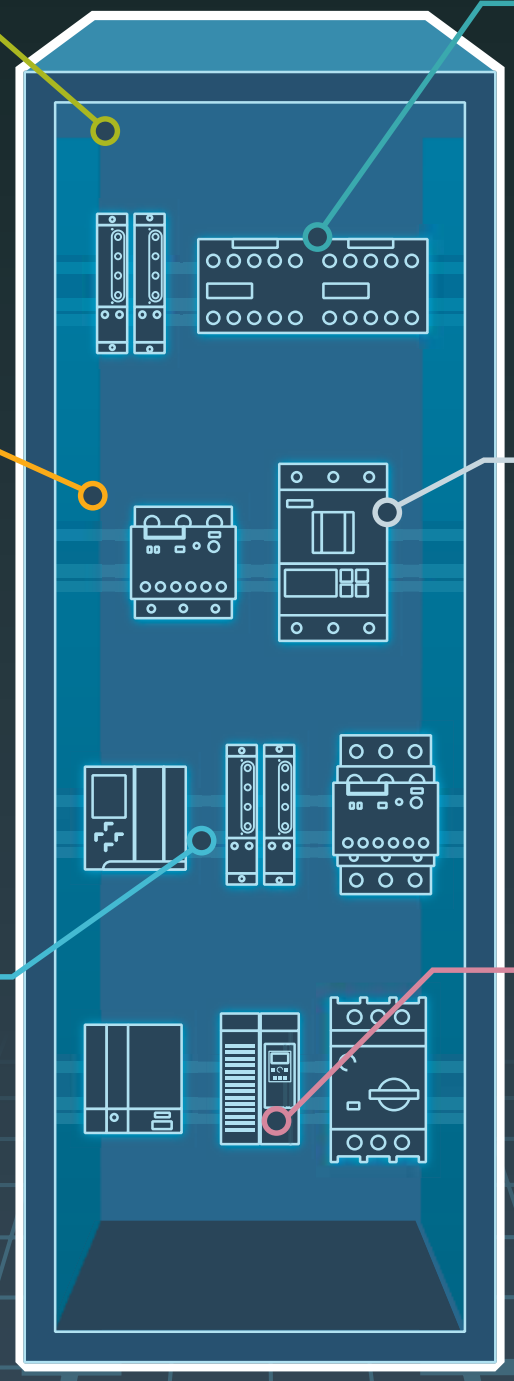

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Index

Contents		Page No.
1	**Switching Devices**	
	Contactor Relays - 3RH2 (S00)	5
	Latched Contactor Relays (S00)	5
	Contactor Relays - 3RH2 (S00) (with Low power consumption coil)	5
	Power Contactors - 3RT (S00 to S12)	6
	Power Contactors - 3RT (S6 to S12) (with separate coils)	7
	Power Contactors - 3RT2 (S0)	7
	Energy Efficient Contactors	8
	Power Contactors - 3RT20 coupling relays (PLC interface relay)	9
	Vacuum Contactors - 3RT12/ 3TF6	10
	Power Contactors - 3RT with indication of Remaining LifeTime (RLT)	10
	3 Pole AC1 Duty Contactors - 3RT24 & 3RT14	11
	4 Pole Power Contactors (4NO main contacts) 3RT23 & 3RT13	11
	4 Pole Power Contactors (2NO+2NC main contacts) 3RT25	11
	Large Contactors 3RT148	12
	Power Contactors with Fail-safe input	13
	Solid state switching devices - 3RF NEW	15
	Auxiliary contact blocks for 3RT/3RH	15
	Accessories for 3RT2 and 3RH2 Contactors (S00 to S3)	16
	Accessories for 3 Pole 3RT2 & 3RT1 Contactors (S6 to S12)	19
	Accessories for 4 Pole Contactor - 3RT23, 3RT13	20
	3RA Load Feeders - ready to assemble kits for DOL	22
	3RA Load Feeders - ready to assemble kits for R-DOL	23
	3RA Load Feeders - ready to assemble kits for Star-Delta	27
	3RV29 Infeed System	31
	Reversing Contactor Assemblies - 3RA23	32
	Star Delta Contactor Assemblies - 3RA24	32
	Spares of 3RT Contactors	33
	Contactor relays and Power Contactors - 3TH, 3TF	35
	2 Pole DC Power Contactors - 3TC	36
	Accessories and spares for 3TH, 3TF	36
	Spares for 3TC Contactors	38
	3MT7 Capacitor duty Contactors NEW	40
	3TS Converter duty Contactors	41
	3TS 2 Pole Contactors	41
	3TS 4 Pole Contactors	42
	3TS Single Pole LED Contactors	43
	DP Contactors	44

Contents		Page No.
2	**Protection Devices**	
	Thermal Overload Relays - 3RU NEW	47
	Microprocessor based overload relay - 3RB	49
	Accessories for 3RU/3RB overload relays	50
	Thermal overload relays - 3UA / 3UC / Accessories	51
	SIRIUS 3RC7 Intelligent Link Modules NEW	53
	Motor protection circuit breakers - 3RV	54
	Accessories for 3RV	57
	Motor protection circuit breakers - 3VS	60
	Accessories for 3VS	61
3	**Motor Starting Devices**	
	Digital soft starters and accessories - 3RW30/40/50	64
	Digital soft starters and accessories - 3RW52/55	65
	3RM1 starter	68
	Agriculture and Industrial starters - 3TW/3TE	71
	Spares for starters	72
	Water level controller	72
4	**Timing and Monitoring Devices**	
	Electronic timers - 3RP	73
	Current monitoring relays - 3RR	73
	Line monitoring relays - 3UG NEW	73
	Thermistor motor protection relays - 3RN2	74
	Insulation monitoring relays - 3UG	74
	Timing and Monitoring relays - 7PV0 / 7UG0	75
	Plug-in-relays - 7RQ	76
5	**Commanding and Signaling Devices**	
	SIRIUS ACT - 3SU	79
	Indicating lamps 3SB5 (complete and modular)	82
	Push button - 3SB5	83
	Push button stations - 3SB5	84
	Accessories - 3SB5	84
6	**Detecting Devices**	
	Position switches - 3SE5 NEW	86
	Mechanical Safety Switches- 3SE5	89
7	**Actuator sensor interface (AS-i)**	**90**
8	**SIMOCODE**	**92**
9	**Safety Relays & Systems - 3SK**	**94**
10	**Power Quality Solution NEW**	**96**
11	**Type-2 Co-ordination Charts**	**102**
12	**Available till stocks last**	**105**
13	**Discontinued**	**108**
14	**Contact Partners**	
	Customer care	112
	Training centres	114
	Offices and territory managers	Back cover

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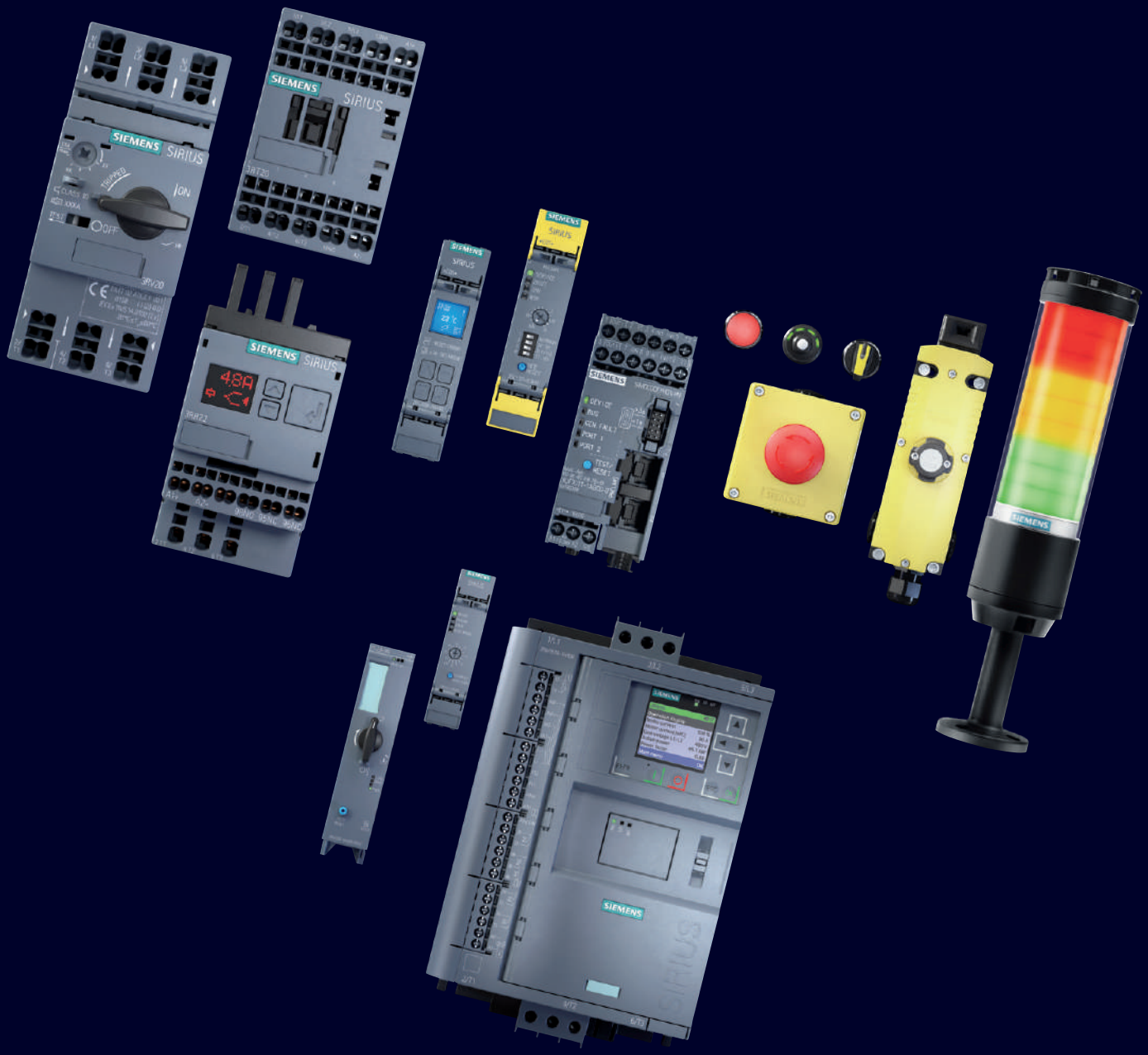

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Without 8K Price List Annexure A : LP Eff. 05.11.2026

				AC Coil$			DC Coil@		
Size	Operational Current Ie AC-15 at 230V	Contacts NO	Contacts NC	Type*	Unit LP[1] R	Std. pkg. (nos.)	Type*	Unit LP[1] R	Std. pkg. (nos.)
S0	10	4	–	3RH2140-1A..0	4320.-	1	3RH2140-1B..0	5970.-	1
		3	1	3RH2131-1A..0	4320.-	1	3RH2131-1B..0	5970.-	1
		2	2	3RH2122-1A..0	4320.-	1	3RH2122-1B..0	5970.-	1

				AC Coil$			DC Coil@		
Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	Type*	Unit LP[1] R	Std. pkg. (nos.)	Type*	Unit LP[1] R	Std. pkg. (nos.)
S00	7	3	1NO	3RT2015-1A..1	3530.-	1	3RT2015-1B..1	5455.-	1
			1NC	3RT2015-1A..2	3530.-	1	3RT2015-1B..2	5455.-	1
	9	4	1NO	3RT2016-1A..1	3720.-	1	3RT2016-1B..1	5940.-	1
			1NC	3RT2016-1A..2	3720.-	1	3RT2016-1B..2	5940.-	1
	12	5.5	1NO	3RT2017-1A..1	4170.-	1	3RT2017-1B..1	6870.-	1
			1NC	3RT2017-1A..2	4170.-	1	3RT2017-1B..2	6870.-	1
	16	7.5	1NO	3RT2018-1A..1	4940.-	1	3RT2018-1B..1	8065.-	1
			1NC	3RT2018-1A..2	4940.-	1	3RT2018-1B..2	8065.-	1
S0	25	11	1NO+1NC	3RT2026-1A..0	7325.-	1	3RT2026-1B..0	12695.-	1
	32	15	1NO+1NC	3RT2027-1A..0	14275.-	1	3RT2027-1B..0	25825.-	1
	38	18.5	1NO+1NC	3RT2028-1A..0	20435.-	1	3RT2028-1B..0	30690.-	1
	40	18.5	1NO+1NC	3RT2028-1A..00JA0#	21540.-	1	3RT2028-1B..00JA0#	32165.-	1
S0	9	4	1NO+1NC	3RT2023-1A..0	4505.-	1	3RT2023-1B..0	7410.-	1
	12	5.5	1NO+1NC	3RT2024-1A..0	5070.-	1	3RT2024-1B..0	8210.-	1
	17	7.5	1NO+1NC	3RT2025-1A..0	5905.-	1	3RT2025-1B..0	10115.-	1
S2	50	22	1NO+1NC	3RT2036-1A..0	28260.-	1	3RT2036-1N..0	45360.-	1
	65	30	1NO+1NC	3RT2037-1A..0	39245.-	1	3RT2037-1N..0	51385.-	1
	80	37	1NO+1NC	3RT2038-1A..0	48860.-	1	3RT2038-1N..0	62585.-	1
S3	95	45	1NO+1NC	3RT2046-1A..0	61970.-	1	3RT2046-1N..0	77725.-	1
	110	55	1NO+1NC	3RT2047-1A..0	79205.-	1	3RT2048-1N..0	100565.-	1
S2	50	22	1NO+1NC				3RT2036-1NB30-0CC0	57540.-	1
S2	65	30	1NO+1NC				3RT2037-1NB30-0CC0	64810.-	1
S2	80	37	1NO+1NC				3RT2038-1NB30-0CC0	78715.-	1
S3	95	45	1NO+1NC				3RT2046-1NB30-0CC0	102780.-	1
S3	110	55	1NO+1NC				3RT2047-1NB30-0CC0	130195.-	1

$@ Please enter coil codes from table below

$ - AC operation 50/60Hz

Contactor type	3RH21 3RT201	3RT202
Size	S00	S0
24 V AC	B0	C2
110 V AC	F0	G2
230 V AC	P0	L2

@ - DC operation

Contactor type	3RH21 3RT201	3RT202
Size	S00	S0
24 V DC	B4	B4
110 V DC	F4	F4
220 V DC	M4	M4

1) For ordering contactors with other than above coil voltages, please add Rs. /- to the unit LP of standard contactor of the same rating

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S00, S0.

40A Size S0 3RT2028 contactor is available with screw type terminals only

Without 8K Price List Annexure A : LP Eff. 05.11.2026



Contactor Relays (Auxiliary Contactors)



3RH2 (S00) with "Mechanically linked contact elements"

Screw terminals

Size	Operational Current Ie AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil$ Type*	AC Coil$ Unit LP[1) ₹	AC Coil$ Std. pkg. (nos.)	DC Coil@ Type*	DC Coil@ Unit LP[1) ₹	DC Coil@ Std. pkg. (nos.)
S00	10	4	–	■ 3RH2140-1A..08K	4165.-	1	■ 3RH2140-1B..08K	5780.-	1
		3	1	■ 3RH2131-1A..08K	4165.-	1	■ 3RH2131-1B..08K	5780.-	1
		2	2	■ 3RH2122-1A..08K	4165.-	1	■ 3RH2122-1B..08K	5780.-	1

$@ Please enter coil codes from table below



Latched Contactor Relays

Screw terminals

Operational current Ie AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil$ Type	AC Coil$ Unit LP[1) ₹	AC Coil$ Std. pkg. (nos.)	DC Coil@ Type	DC Coil@ Unit LP[1) ₹	DC Coil@ Std. pkg. (nos.)
10	4	–	3RH2440-1A..0	15235.-	1	3RH2440-1B..0	20250.-	1
	3	1	3RH2431-1A..0	15235.-	1	3RH2431-1B..0	20250.-	1
	2	2	3RH2422-1A..0	15235.-	1	3RH2422-1B..0	20250.-	1

$@ Please enter coil codes from table below
* For ordering contactors with spring type terminals, please get in touch with sales office
For Latched Power Contactors refer 3RT accessory "Mechanical Latching Blocks" on page no. 17
Spring type terminals are not available for latched contactor relays.

Rated control supply voltages for 3RH21 & 3RH24

$ AC coil voltage

Code	B0	■ F0	■ P0
Coil voltage 50/60 Hz	24	110	230

@ DC Coil Voltage

Code	■ B4	F4	M4
Coil voltage	24	110	220

1) For ordering contactors with other than above coil voltages, please add Rs. 540.- to the unit LP of standard contactor.
Please contact nearest sales office for other coil voltages



Contactor Relays (with Low power consumption coil)

Auxiliary Contactor - 3RH21 Coupling Relays

Screw terminals

Size	Surge Suppressor	Rated operational current Ie AC-15 at 230 V A	Auxiliary contacts NO	Auxiliary contacts NC	Type*	Unit LP ₹	Std. pkg. (nos.)
Rated control supply voltage **Us =24 V DC**, Operating range **0.7 to 1.25xUs**, Power Consumption **2.8W** at 24V DC							
S00	Built in Suppressor Diode	10	4	-	3RH2140-1KB40	7435.-	1
			3	1	3RH2131-1KB40	7435.-	1
			2	2	3RH2122-1KB40	7435.-	1
Rated control supply voltage **Us =24 V DC**, Operating range **0.85 to 1.85xUs**, Power Consumption **1.6W** at 24V DC							
S00	Built in Suppressor Diode	10	4	-	3RH2140-1SB40	10595.-	1
			3	1	3RH2131-1SB40	10595.-	1
			2	2	3RH2122-1SB40	10595.-	1

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2'
Note: 3RH21 Coupling Relays - Add-on Auxiliary contact blocks not applicable

■ **Stock items**

LP - List Price

Power Contactors

3RT (S00 to S12) with "Mirror contacts elements"



Screw terminals

Size	AC-3 operational current Ie up to 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil$ Type*	AC Coil$ Unit LP1) ₹	AC Coil$ Std. pkg. (nos.)	DC Coil@ Type*	DC Coil@ Unit LP1) ₹	DC Coil@ Std. pkg. (nos.)
S00	7	3	1NO	■ 3RT2015-1A..18K	3385.-	1	■ 3RT2015-1B..18K	5255.-	1
			1NC	■ 3RT2015-1A..28K	3385.-	1	■ 3RT2015-1B..28K	5255.-	1
	9	4	1NO	■ 3RT2016-1A..18K	3565.-	1	■ 3RT2016-1B..18K	5720.-	1
			1NC	■ 3RT2016-1A..28K	3565.-	1	■ 3RT2016-1B..28K	5720.-	1
	12	5.5	1NO	■ 3RT2017-1A..18K	4010.-	1	■ 3RT2017-1B..18K	6620.-	1
			1NC	■ 3RT2017-1A..28K	4010.-	1	■ 3RT2017-1B..28K	6620.-	1
	16	7.5	1NO	■ 3RT2018-1A..18K	4760.-	1	■ 3RT2018-1B..18K	7790.-	1
			1NC	■ 3RT2018-1A..28K	4760.-	1	■ 3RT2018-1B..28K	7790.-	1
S0	25	11	1NO+1NC	■ 3RT2026-1A..08K	7055.-	1	■ 3RT2026-1B..08K	12240.-	1
	32	15	1NO+1NC	■ 3RT2027-1A..08K	13765.-	1	■ 3RT2027-1B..08K	24895.-	1
	38	18.5	1NO+1NC	■ 3RT2028-1A..08K	19700.-	1	■ 3RT2028-1B..08K	29580.-	1
	40	18.5	1NO+1NC	■ 3RT2028-1A..08KA0#	20760.-	1	■ 3RT2028-1B..08KA0#	30995.-	1

Size	AC-3 operational current Ie up to 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil$ NEW Type*	AC Coil$ Unit LP1) ₹	AC Coil$ Std. pkg. (nos.)	AC/DC Coil€ NEW Type*	AC/DC Coil€ Unit LP1) ₹	AC/DC Coil€ Std. pkg. (nos.)
S2	50	22	1NO+1NC	■ 3RT2036-1A..08K	27235.-	1	■ 3RT2036-1N..08K	43710.-	1
	65	30	1NO+1NC	■ 3RT2037-1A..08K	37830.-	1	■ 3RT2037-1N..08K	49505.-	1
	80	37	1NO+1NC	■ 3RT2038-1A..08K	47065.-	1	■ 3RT2038-1N..08K	60305.-	1
S3	95	45	1NO+1NC	■ 3RT2046-1A..08K	59705.-	1	■ 3RT2046-1N..08K	74910.-	1
	110	55	1NO+1NC	■ 3RT2047-1A..08K	76340.-	1	■ 3RT2047-1N..08K	96920.-	1

Size	AC-3 operational current Ie up to 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts **	AC Coil $ Type	AC Coil $ Unit LP ₹	AC Coil $ Std. pkg. (nos.)	Auxiliary contacts	AC/DC Coils (Conventional Type) € Type	AC/DC Coils (Conventional Type) € Unit LP ₹	AC/DC Coils (Conventional Type) € Std. pkg. (nos.)
S6	115	55	–	■ 3RT1054-6C.308K	73895.-	1	2NO+2NC	■ 3RT1054-6A.368K	77430.-	1
	150	75	–	■ 3RT1055-6C.308K	92810.-	1	2NO+2NC	■ 3RT1055-6A.368K	97595.-	1
	185	90	–	■ 3RT1056-6C.308K	117570.-	1	2NO+2NC	■ 3RT1056-6A.368K	122100.-	1
S10	225	110	–	■ 3RT1064-6C.308K	125405.-	1	2NO+2NC	■ 3RT1064-6A.368K	128990.-	1
	265	132	–	■ 3RT1065-6C.308K	153330.-	1	2NO+2NC	■ 3RT1065-6A.368K	156965.-	1
	300	160	–	■ 3RT1066-6C.308K	183200.-	1	2NO+2NC	■ 3RT1066-6A.368K	188430.-	1
S12	400	200	–	■ 3RT1075-6C.308K	220140.-	1	2NO+2NC	■ 3RT1075-6A.368K	226405.-	1
	500	250	–	■ 3RT1076-6C.308K	307620.-	1	2NO+2NC	■ 3RT1076-6A.368K	313430.-	1

$@€ Please enter coil codes from table below € available with universal operation # 40A Size S0 3RT2028 contactor is available with screw type terminals only

** Please select required Auxiliary Contact Blocks from Pg 7

* For ordering contactors with spring type terminals, please get in touch with sales office

Rated control supply voltages

(For 3RT2 Change the 10th & 11th digit and for 3RT1 Change the 10th digit of Type no.)

$ - AC operation 50/60Hz

Contactor type	3RT20 1	3RT20 2	3RT20 3	3RT20 4
Size	S00	S0	S2	S3
24 V AC	B0	C2	C2	C2
■ 110 V AC	F0	G2	G2	G2
■ 230 V AC	P0	L2	L2	L2

Contactor Type	3RT105,3RT106,3RT107
Size	S6, S10, S12
110...127 V AC	F
220...240 V AC	P

@ - DC operation

Contactor type	3RT20 1,3RH2	3RT20 2	3RT20 3	3RT20 4
Size	S00	S0	S2	S3
■ 24 V DC	B4	B4	–	–
110 V DC	F4	F4	–	–
220 V DC	M4	M4	–	–

€ - Universal operation (AC / DC) for 3RT2 S2, S3 and for 3RT1 S6, S10, S12

Contactor Type	3RT203.-.N	3RT204.-.N
Size	S2	S3
20...33 V AC/DC	B3	B3
83...155 V AC/DC	F3	F3
175...280 V AC/DC	P3	P3

Contactor Type	3RT1_Conventional Coil
Size	S6, S10, S12
110...127 V AC/DC	F
220...240 V AC/DC	P

1) For ordering contactors with other than above coil voltages, please add Rs. 540.- to the unit LP of standard contactor of the same rating. Please contact nearest sales office for other coil voltages

Note: All SIRIUS 3RT20 / 3RT10 contactors (with at least 1 NC auxiliary contact) are tested to "Mirror contacts" characteristics in conjunction with auxiliary contacts ever since the launch of product

■ Stock items

Power Contactors

3RT (S6, S10, S12) with "Mirror contacts elements" Withdrawable coils and integrated varistor in coil circuit

Contactor without operating coil (Please order coil separately)

Size	AC-3 operational current Ie up to 415V A	Motor rating at 415V, 50Hz kW	Contactor w/o Aux				Contactor with Aux			
			Auxiliary contacts**	Type	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	–	■ 3RT1054-6LA008K	57235.-	1	2NO+2NC	■ 3RT1054-6LA068K	60710.-	1
	150	75	–	■ 3RT1055-6LA008K	78260.-	1	2NO+2NC	■ 3RT1055-6LA068K	81085.-	1
	185	90	–	■ 3RT1056-6LA008K	101780.-	1	2NO+2NC	■ 3RT1056-6LA068K	105665.-	1
S10	225	110	–	■ 3RT1064-6LA008K	104675.-	1	2NO+2NC	■ 3RT1064-6LA068K	108710.-	1
	265	132	–	■ 3RT1065-6LA008K	131665.-	1	2NO+2NC	■ 3RT1065-6LA068K	135420.-	1
	300	160	–	■ 3RT1066-6LA008K	161340.-	1	2NO+2NC	■ 3RT1066-6LA068K	165965.-	1
S12	400	200	–	■ 3RT1075-6LA008K	182965.-	1	2NO+2NC	■ 3RT1075-6LA068K	188185.-	1
	500	250	–	■ 3RT1076-6LA008K	269100.-	1	2NO+2NC	■ 3RT1076-6LA068K	274175.-	1

**Please select the required Contact Blocks from below table

Auxiliary Contact Blocks (S6 - S12)

Size	NO	NC	#NO	#NC	Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	–	–	–	3RH1921-1CA10	695.-	10
	–	1	–	–	3RH1921-1CA01	695.-	10
	–	–	1	–	3RH1921-1CD10	1350.-	10
	–	–	–	1	3RH1921-1CD01	1350.-	10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1EA20	2905.-	1
	1	1	–	–	3RH1921-1EA11		1
	–	2	–	–	3RH1921-1EA02		1
2 Pole Second Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1KA20	2905.-	1
	1	1	–	–	3RH1921-1KA11		1
	–	2	–	–	3RH1921-1KA02		1





Delayed actuation

Coil

Size	AC Coil				AC/DC Conventtional Coils (Uc Coils)			
	Rated control supply voltage U_s 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U_s 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	23...26	■ 3RT1955-5CB318K	12685.-	1	23...26	■ 3RT1955-5AB318K	13050.-	1
	110...127	■ 3RT1955-5CF318K		1	110...127	■ 3RT1955-5AF318K		1
	220...240	■ 3RT1955-5CP318K		1	220...240	■ 3RT1955-5AP318K		1
	380...420	■ 3RT1955-5CV318K		1	380...420	■ 3RT1955-5AV318K		1
				1	500...550*	■ 3RT1955-5AS31		1
S10			18665.-	1	23...26	■ 3RT1965-5AB31	19220.-	1
	110...127	■ 3RT1965-5CF318K		1	110...127	■ 3RT1965-5AF318K		1
	220...240	■ 3RT1965-5CP318K		1	220...240	■ 3RT1965-5AP318K		1
	380...420	■ 3RT1965-5CV318K		1	380...420	■ 3RT1965-5AV318K		1
				1	500...550*	■ 3RT1965-5AS31		1
S12			34970.-	1	23...26	■ 3RT1975-5AB31	35965.-	1
	110...127	■ 3RT1975-5CF318K		1	110...127	■ 3RT1975-5AF318K		1
	220...240	■ 3RT1975-5CP318K		1	220...240	■ 3RT1975-5AP318K		1
				1	380...420	■ 3RT1975-5AV31		1
				1	500...550*	■ 3RT1975-5AS31		1

*** Specially designed coil for mining applications** *offers complete operating range from 400V to 605V AC/DC*

3RT2 (S0)

Size	AC-3 operational current Ie up to 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil$			DC Coil@		
				Type	Unit LP[1)] ₹	Std. pkg. (nos.)	Type	Unit LP[1)] ₹	Std. pkg. (nos.)
3RT2 Size S0 Contactor									
S0	9	4	1NO + 1NC	■ 3RT2023-1A..08K	4350.-	1	■ 3RT2023-1B..08K	7140.-	1
	12	5.5	1NO + 1NC	■ 3RT2024-1A..08K	4880.-	1	■ 3RT2024-1B..08K	7910.-	1
	17	7.5	1NO + 1NC	■ 3RT2025-1A..08K	5675.-	1	■ 3RT2025-1B..08K	9750.-	1

$ @ Change the 10th and 11th digit of the Article No. Refer page 6 for coil codes

1) For ordering contactors (3RT2 S0) with other than coil codes mentioned in the table in Pg 6, please add Rs. 540.- to the unit LP of standard contactor of the same rating. Please contact nearest sales office for other coil voltages

■ Stock items



SIEMENS

Widest Range of
Energy Efficient Contactors

When you go for Energy Efficiency improvement of your plant or a machine, just DON'T Stop at big items like Motors, HVAC etc.

Generally overlooked product like a CONTACTOR can also contribute much more, when it comes to Energy Efficiency improvement.

Explore SIRIUS Innovation Energy Efficient Contactor Portfolio

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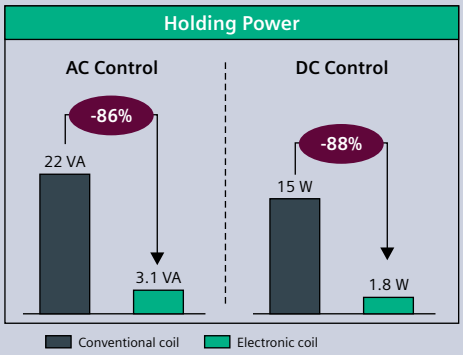
SIRIUS - Energy Efficient Contactor Portfolio (9A to 500A AC-3)

Contactor coil consumes continuous power as long as in operation



3RT20 | 95A AC-3

Typical Holding Power data comparison



Contactors with Electronic coil can be up to **88%** more **Energy Efficient** as compared to conventional AC or DC contactor

Typical Coil Consumption (Holding)

12-38A AC-3 | 3RT202.-1N..0		
	AC Control	*DC Control*
Size S0	1.9 VA	1.4 W

50-80A AC-3 | 3RT203.-1N..0		
	AC Control	*DC Control*
Size S2	2 VA	1 W

95-110A AC-3 | 3RT204.-1N..0		
	AC Control	*DC Control*
Size S3	3.1 VA	1.8 W

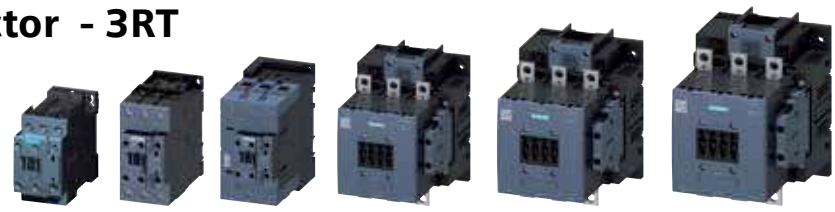
115-185A AC-3 | 3RT105.-6N.36		
	AC Control	*DC Control*
Size S6	3.5 VA	2.1 W

225-300A AC-3 | 3RT106.-6N.36		
	AC Control	*DC Control*
Size S10	5.5 VA	2.8 W

400-500A AC-3 | 3RT107.-6N.36		
	AC Control	*DC Control*
Size S12	5.6 VA	3 W

Energy Efficient Power Contactor - 3RT

(Electronic Coil - Universal AC/DC operation)



S0 S2 S3 S6 S10 S12

Screw terminals

Size	Surge Suppressor	AC-3 operational current Ie up to 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts NO	Auxiliary contacts NC	Type*	Unit LP ₹	Std. pkg. (nos.)
Extended operating range 0.7 to 1.3 x Us								
S0	Varistor integrated	9	4	1	1	3RT2023-1N..0	8810.-	1
		12	5.5	1	1	3RT2024-1N..0	10340.-	1
		17	7.5	1	1	3RT2025-1N..0	11610.-	1
		25	11	1	1	3RT2026-1N..0	16350.-	1
		32	15	1	1	3RT2027-1N..0	33480.-	1
		38	18.5	1	1	3RT2028-1N..0	38790.-	1
Extended operating range 0.8 to 1.1 x Us								
S2	Varistor integrated	50 ... 80	22 ... 37	1	1	refer page no. 6		
S3	Varistor integrated	95 ... 110	45 ... 55	1	1	refer page no. 6		
S6-12	Varistor integrated	115 ... 500	55 ... 250	2	2	refer page no. 6 & 7		

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S0

Contactor type	3RT202.-1N
Size	S0
21 ... 28 V AC/DC	B3
95 ... 130 V AC/DC	F3
200 ... 280 V AC/DC	P3

Power Contactors - 3RT20 coupling relays (PLC interface relay)



S00 S0 S2 S3

Screw terminals

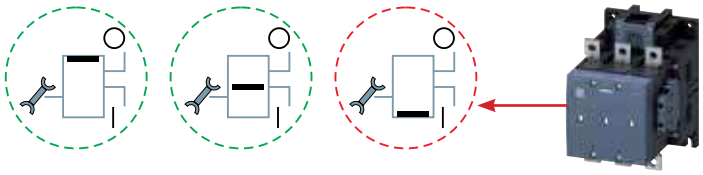
Size	Surge Suppressor	AC-3 Operational Current Ie up to 415V A	Rating of induction motor at 50 Hz and 415V	Auxiliary contacts NO	Auxiliary contacts NC	Type*	Unit LP ₹	Std. pkg. (nos.)
Rated control supply voltage Us =24 V DC, Operating range 0.7 to 1.25 x Us, Holding power consumption 2.8W at 24V DC								
S00	Built in suppressor Diode	7	3	1	–	3RT2015-1KB41	6180.-	1
				–	1	3RT2015-1KB42	6180.-	1
		9	4	1	–	3RT2016-1KB41	7025.-	1
				–	1	3RT2016-1KB42	7025.-	1
		12	5.5	1	–	3RT2017-1KB41	7250.-	1
				–	1	3RT2017-1KB42	7250.-	1
Rated control supply voltage Us =24 V DC, Operating range 0.7 to 1.25 x Us, Holding Power Consumption 4.5W at 24V DC								
S0	Varistor integrated	12	5.5	1	1	3RT2024-1KB40	8605.-	1
		17	7.5	1	1	3RT2025-1KB40	13135.-	1
		25	11	1	1	3RT2026-1KB40	15845.-	1
		32	15	1	1	3RT2027-1KB40	26820.-	1
Rated control supply voltage Us =24 V DC, Operating range 0.8 to 1.2 x Us, Holding Power Consumption 1W at 24V DC								
S2	Varistor integrated	50	22	1	1	3RT2036-1KB40	47150.-	1
		65	30	1	1	3RT2037-1KB40	52950.-	1
		80	37	1	1	3RT2038-1KB40	63145.-	1
Rated control supply voltage Us =24V DC, Operating range 0.8 to 1.2 x Us, Holding Power Consumption 0.9W at 24V DC								
S3	Varistor integrated	95	45	1	1	3RT2046-1KB40	78950.-	1

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S00, S0
Add-on Auxiliary contact blocks: S00: Not applicable, S0: Laterally mountable, S2/S3: Front and Laterally mountable

Vacuum Contactors - 3RT12

Benefits

- AC-3 electrical life expectancy of about 2.5 million operation
- Contacts in the tube will not weld. Arc contained, therefore no gas generated nor flash during operation
- No deration of rated current up to 1000V AC for 3RT12 and up to 690V AC for 3TF6
- Visual inspection window for inspection of contact erosion available for 3RT12



with universal coil (AC/DC) Coils, 2NO+2NC aux. contacts

Contactor size	Rated current Ie (A) AC3 up to 415V	Type€	Unit LP ₹	Std. pkg. (nos.)
10	225	3RT1264-6A..6	381955.-	1
10	265	3RT1265-6A..6	451175.-	1
10	300	3RT1266-6A..6	494195.-	1
12	400	3RT1275-6A..6	624830.-	1
12	500	3RT1276-6A..6	811950.-	1

€ Coil voltage (AC/DC) - Please enter coil codes from table below

Code	B3	F3	P3	V3
Coil voltage (V)	23-26	110-127	220-240	380-420

Note: Contactors with Energy Efficient coils available on request

Vacuum Contactors - 3TF6

Size	Rated current (A) Ie AC3 up to 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil				DC coil			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
14	630	355	4NO + 4NC	3TF6844-0C..	988790.-	1	3NO + 3NC	3TF6833-1D..[1)]	1105500.-	1
	820	450	4NO + 4NC	3TF6944-0C..	1469090.-	1	3NO + 3NC	3TF6933-1D..[1)]	1688550.-	1

For coil codes & foot note (1) refer page no. 35

Power Contactors - 3RT with indication of Remaining LifeTime (RLT)

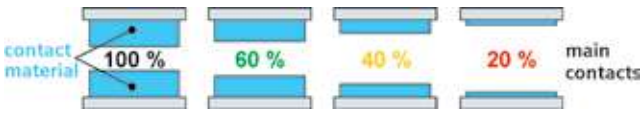
Withdrawable coils and integrated surge suppressor

Benefits

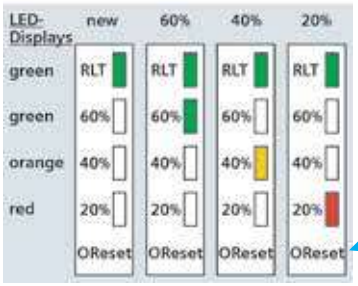
- Early warning to replace contacts
- Optimum utilization of contact material
- Visual inspection of condition of contacts no longer necessary
- Reduction of operating costs
- Optimum planning of maintenance schedules
- Avoidance of unforeseen plant downtimes

Size	AC-3 Operational Current Ie up to 415 V [1)] A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	Rated control supply voltage U_s 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	1NO+1NC	96...127	3RT1054-1PF35	118385.-	1
			1NO+1NC	220...277	3RT1054-1PP35	118385.-	
	150	75	1NO+1NC	96...127	3RT1055-6PF35	138090.-	1
			1NO+1NC	220...277	3RT1055-6PP35	138090.-	
	185	90	1NO+1NC	96...127	3RT1056-6PF35	163160.-	1
			1NO+1NC	220...277	3RT1056-6PP35	163160.-	
S10	225	110	1NO+1NC	96...127	3RT1064-6PF35	171185.-	1
			1NO+1NC	220...277	3RT1064-6PP35	171185.-	
	265	132	1NO+1NC	96...127	3RT1065-6PF35	202760.-	1
			1NO+1NC	220...277	3RT1065-6PP35	202760.-	
	300	160	1NO+1NC	96...127	3RT1066-6PF35	237380.-	1
			1NO+1NC	220...277	3RT1066-6PP35	237380.-	
S12	400	200	1NO+1NC	96...127	3RT1075-6PF35	268775.-	1
			1NO+1NC	220...277	3RT1075-6PP35	268775.-	
	500	250	1NO+1NC	96...127	3RT1076-6PF35	398330.-	1
			1NO+1NC	220...277	3RT1076-6PP35	398330.-	

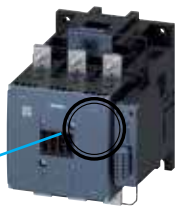
1) For size S6 to S12 size contactors, operating current Ie is valid up to 500V



LEDs on the contactor



RLT contactor



3 Pole AC1 Duty Contactors



Size	AC-1 operational current Ie up to 690V A	AC Coil$			AC/DC Coil €		
		Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S3	140	3RT2446-1A..0	56395.-	1	3RT2446-1N..0	71670.-	1

Size	AC-1 operational current Ie up to 690V A	Auxiliary Contacts	Type€	Unit LP ₹	Std. pkg. (nos.)
S6	275	2NO+2NC	3RT1456-6A..68K	139235.-	1
S10	400	2NO+2NC	3RT1466-6A..68K	189930.-	1
S12	690	2NO+2NC	3RT1476-6A..68K	393980.-	1

4 Pole Power Contactors



With 4NO main contacts

Contactor size	Rated current Ie (A) AC1, 415V	Auxiliary Contacts		AC Coil$			DC Coil@		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	–	–	3RT2316-1A..0	6845.-	1	3RT2316-1B..0	11105.-	1
	22	–	–	3RT2317-1A..0	7085.-	1	3RT2317-1B..0	11840.-	1
S0	35	1	1	3RT2325-1A..0	7910.-	1	3RT2325-1B..0	14160.-	1
	40	1	1	3RT2326-1A..0	12270.-	1	3RT2326-1B..0	21815.-	1
	50	1	1	3RT2327-1A..0	14845.-	1	3RT2327-1B..0	27800.-	1
S2	60	1	1	3RT2336-1A..0	32705.-	1	3RT2336-1N..0€	40620.-	1
	110	1	1	3RT2337-1A..0	54755.-	1	3RT2337-1N..0€	61310.-	1
S3	140	1	1	3RT2346-1A..0	60895.-	1	3RT2346-1N..0€	78720.-	1
	160	1	1	3RT2348-1A..0	70615.-	1	3RT2348-1N..0€	83690.-	1



With 4NO main contacts

Size	AC-1 operational current Ie up to 690V A	Auxiliary Contacts	Type€	Unit LP ₹	Std. pkg. (nos.)
S6	200	2NO+2NC	3RT1355-6A..6	119665.-	1
S10	275	2NO+2NC	3RT1363-6A..6	176940.-	1
	350	2NO+2NC	3RT1364-6A..6	227360.-	1
S12	400	2NO+2NC	3RT1373-6A..6	263665.-	1
	500	2NO+2NC	3RT1374-6A..6	319380.-	1
	525	2NO+2NC	3RT1375-6A..6	356345.-	1



With 2NO+2NC main contacts

size	AC-1 operational current Ie up to 415V A	Auxiliary Contacts		AC Coil$			DC Coil@		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	–	–	3RT2516-1A..0	7250.-	1	3RT2516-1B..0	9440.-	1
	22	–	–	3RT2517-1A..0	8520.-	1	3RT2517-1B..0	13910.-	1
S0	40	1	1	3RT2526-1A..0	14335.-	1	3RT2526-1B..0	25920.-	1
S2	60	1	1	3RT2535-1A..0	37615.-	1	3RT2535-1N..0€	49100.-	1
	70	1	1	3RT2536-1A..0	48530.-	1	3RT2536-1N..0€	55715.-	1
S3	100	1	1	3RT2544-1A..0	54365.-	1	3RT2544-1N..0€	64250.-	1
	125	1	1	3RT2545-1A..0	60545.-	1	3RT2545-1N..0€	76280.-	1

Rated control supply voltage (Change of the 10th and 11th digit of the Article No.)

$ - AC operation

Contactor type	3RT23, 3RT25	3RT24
Size	S00 (50/60Hz), S0, S2, S3 (50 Hz)	S3 (50/60Hz)
24 V AC	B0	C2
110 V AC	F0	G2
230 V AC	P0	L2

@ - DC operation

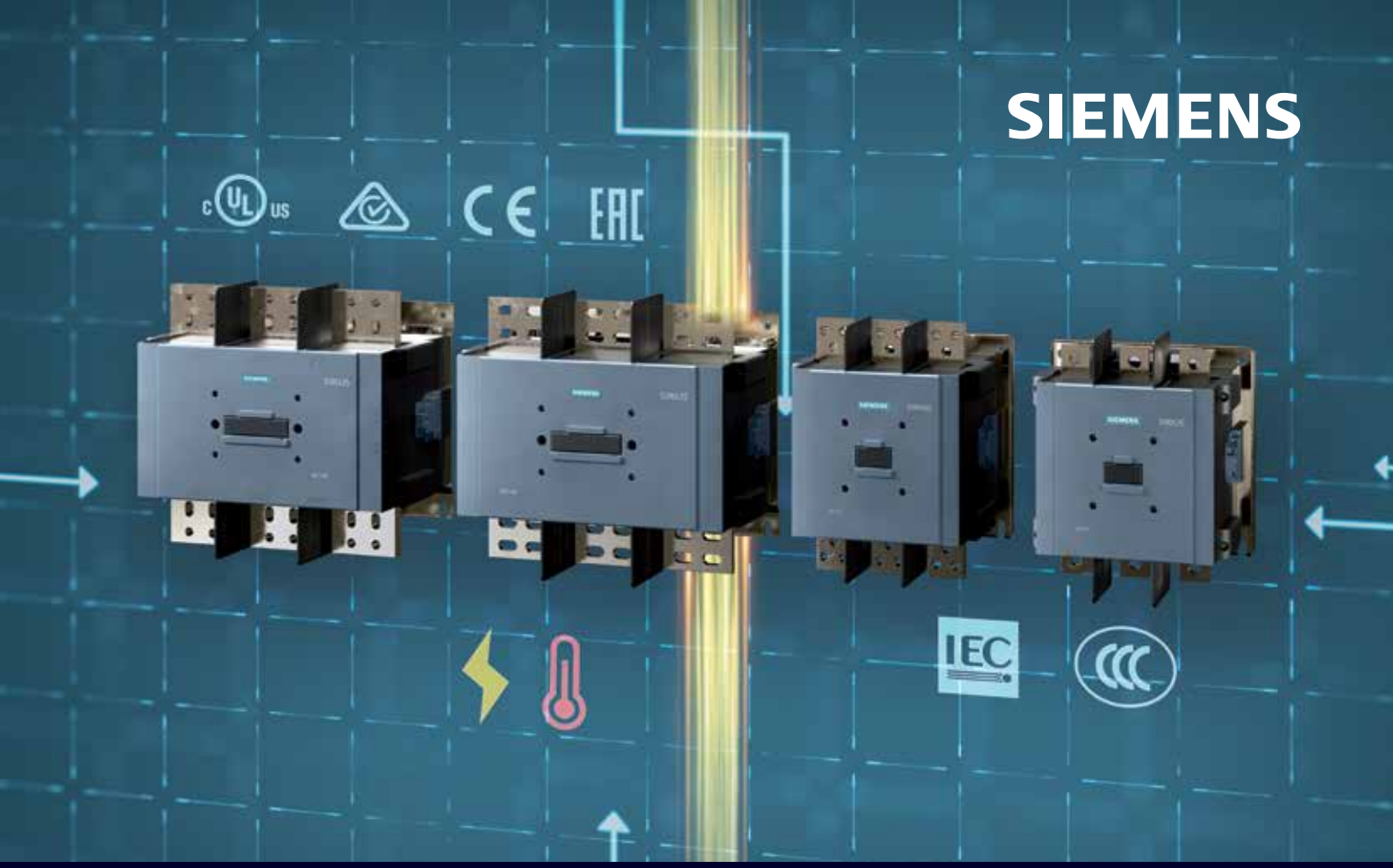
Contactor type	3RT23, 3RT25
Size	S00, S0
24 V DC	B4
110 V DC	F4
220 V DC	M4

€ - Universal operation AC / DC

Contactor type	3RT23, 3RT25, 3RT24
Size	S2, S3
20 ... 33	B3
175 ... 280	P3

Contactor Type	3RT13
Size	S6, S10, S12
24 ... 60	E3
48 ... 130	F3
100 ... 250	P3
250 ... 500	R3

Contactor type	3RT 14
Size	S6, S10, S12
20 ... 26	B3
110 ... 127	F3
220 ... 240	P3



SIRIUS 3RT14, 3-pole

Large Contactors for high currents

www.siemens.com/SIRIUS

Type*	Rating data		Lateral Auxiliary Contacts		Rated control supply voltage U	
	Operating Current I_e (A) AC1	Rated voltage U_e	NO	NC	V (AC 50/60 Hz)	V (DC)
3RT1481-6AF36 3RT1481-6AP36	900A	1000V	2	2	100...127 200...240	100...110 200...220
3RT1482-6AF36 3RT1482-6AP36	1050A	1000V	2	2	100...127 200...240	100...110 200...220
3RT1483-6AP36	1260A	1000V	2	2	100...240	100...220
3RT1485-6AP36	1700A	1000V	2	2	100...240	100...220
3RT1486-6AP36	2100A	1000V	2	2	100...240	100...220
3RT1487-6AP36	2650A	1000V	2	2	100...240	100...220

*Price on Request

SIEMENS

The world's first **contactor** with maximum benefits in safety applications!

SIRIUS Innovation contactors from size S2 to S12 (22kW to 250kW) has been now expanded to include versions suitable for direct control from fail-safe controllers and safety relays which is first of its kind in the market.

This makes it possible to attain SIL 2 and/or PL c with just one contactor and SIL 3 and/or PL e with two contactors in series according to IEC 62061 and ISO 13849-1

www.siemens.com/SIRIUS



Advantages at a glance

01 **Digital input directly on board**
First contactor with certified, digital input for activation from fail-safe or standard controllers

02 **Time & Cost saving**
Reduced wiring and configuration efforts
Cost optimization of additional coupling level

03 **Maximum Safety level**
Certified inputs enables devices to be used up to the highest safety level (SIL 3 / PLe)

04 **Everything from single source**
Complements safety solutions offered by the SIRIUS modular system



S6 S10 S12

SIRIUS Innovation Contactors with fail-safe input

Size	AC-3 operational current Ie up to 415V A	Motor rating at 415V, 50Hz kW	Permanently Mounted Auxiliary Contacts	Rated control supply voltages Us AC/DC	Type	Unit LP ₹	Std Pkg. (nos.)
S6	115	55	2NO+2NC	96...127	3RT1054-6SF36-3PA0	109255.-	1
				220...227	3RT1054-6SP36-3PA0	109255.-	
	150	75	2NO+2NC	96...127	3RT1055-6SF36-3PA0	133280.-	1
				220...227	3RT1055-6SP36-3PA0	133280.-	
	185	90	2NO+2NC	96...127	3RT1056-6SF36-3PA0	156605.-	1
				220...227	3RT1056-6SP36-3PA0	156605.-	
S10	225	110	2NO+2NC	96...127	3RT1064-6SF36-3PA0	170425.-	1
				220...227	3RT1064-6SP36-3PA0	170425.-	
	265	132	2NO+2NC	96...127	3RT1065-6SF36-3PA0	204060.-	1
				220...227	3RT1065-6SP36-3PA0	204060.-	
	300	160	2NO+2NC	96...127	3RT1066-6SF36-3PA0	236880.-	1
				220...227	3RT1066-6SP36-3PA0	236880.-	
S12	400	200	2NO+2NC	96...127	3RT1075-6SF36-3PA0	272870.-	1
				220...227	3RT1075-6SP36-3PA0	272870.-	
	500	250	2NO+2NC	96...127	3RT1076-6SF36-3PA0	389870.-	1
				220...227	3RT1076-6SP36-3PA0	389870.-	

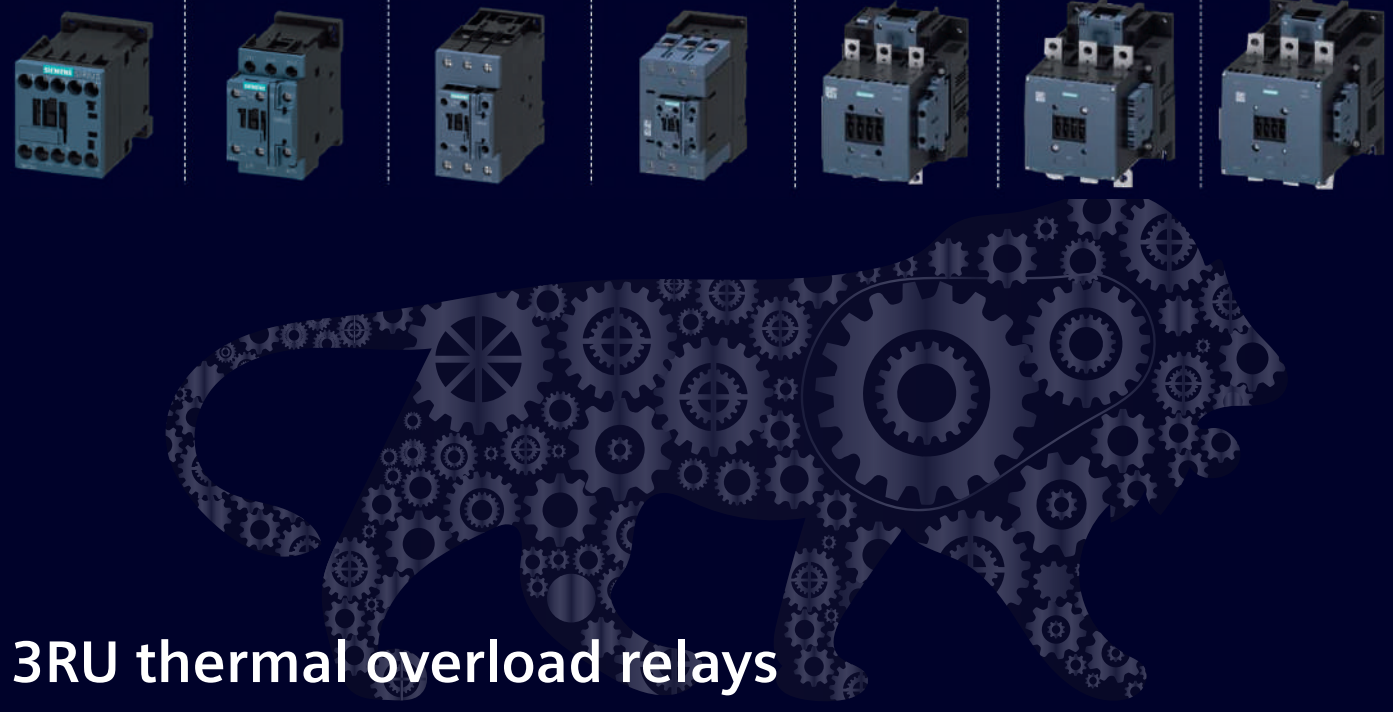
For S2 and S3 Contactors please get in touch with your nearest sales office

SIRIUS Contactors & Relays

S00 S0 S2 S3 S6 S10 S12

3RT contactors

3RT201 3RT202 3RT203 3RT204 3RT105 3RT106 3RT107



3RU thermal overload relays

3RU211 3RU212 3RU213 3RU214 3RU215 3RU216 3RU217



0.1A 16A 40A 80A 100A 200A 320A 500A

SIEMENS

Solid state switching devices - 3RF

NEW



Solid state contactless switching for application requiring frequent switching

- Compact 22.5mm design with built in LED & finger touch proof Protection
- Compact and space-saving design
- Sustainable product design (EcoTech-certified)
- Main voltage 48-600V AC
- Control voltage 4-30V DC
- Blocking voltage 1200V
- Zero point switching

Rated current AC51 (max)	Type	Unit LP ₹	Std. pkg. (kits)
25	3RF3125-1AA45 $	16195.-	1
50	3RF3150-1AA45 $	22465.-	1
90	3RF3190-1AA45 $	30870.-	1

$ To be used along with suitable heatsink.

Contact your nearest Siemens partner to know more about

- 3RF30 solid state relays with 45mm design for resistive loads
- 3RF33 single phase solid state contactors with integrated heatsink for resistive/inductive loads
- 3RF34 three phase solid state contactors with an insulated enclosure and optimized heat sink for resistor loads
- Add on function modules to achieve extended functionality (for 3RF31, 3RF30, 3RF33)

Accessories for 3RH2 & 3RT2 Contactors (S00 / S0 / S2 / S3)

Auxiliary Contact Blocks (S00 / S0 / S2 / S3)

for snapping onto the front

For	NO	NC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00 / S0 / S2 / S3	1	–	3RH2911-1HA10	900.-	1
	–	1	3RH2911-1HA01		1
	2	–	3RH2911-1HA20	1255.-	1
	1	1	3RH2911-1HA11		1
	–	2	3RH2911-1HA02		1
	2	2	3RH2911-1HA22	2235.-	1
	3	1	3RH2911-1HA31		1
	4	–	3RH2911-1FA40		1



* For ordering auxiliary contact blocks with Spring type terminals, please replace 8th digit from '1' to '2'

Laterally mountable auxiliary contact blocks on left and / or right

For	NO	NC	Type*1)	Unit LP ₹	Std. pkg. (nos.)
S00 / S0 / S2 / S3	–	2	3RH2921-1DA02	2675.-	1
	1	1	3RH2921-1DA11		1
	2	–	3RH2921-1DA20		1



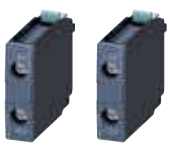
* For ordering auxiliary contact blocks with Spring type terminals, please replace 8th digit from '1' to '2'

1) Only left side mounting possible for 3RH2 contactor relays

Accessories for 3 Pole 3RT1 Contactors (S6 - S12)

Auxiliary Contact Blocks (S6 - S12)

Size	NO	NC	#NO	#NC	Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	–	–	–	3RH1921-1CA10	695.-	10
	–	1	–	–	3RH1921-1CA01		10
	–	–	1	–	3RH1921-1CD10	1350.-	10
	–	–	–	1	3RH1921-1CD01		10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1EA20	2905.-	1
	1	1	–	–	3RH1921-1EA11		1
	–	2	–	–	3RH1921-1EA02		1
2 Pole Second Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1KA20	2905.-	1
	1	1	–	–	3RH1921-1KA11		1
	–	2	–	–	3RH1921-1KA02		1





Delayed actuation

LP - List Price

Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Surge suppressors

Screw and spring terminals

Size	For Contactor	Version	AC Operation Rated control supply voltage (U_s) V AC	DC Operation Rated control supply voltage (U_s) V DC	Type	Unit LP ₹	Std. pkg. (nos.)
for 3RH2 & 3RT2 Size S00							
S00	3RT2.1 & 3RH2.	Varistors (with LED)	24 ... 48	12 ...24	■ 3RT2916-1JJ00	1830.-	1
			48 ... 127	24 ... 70	■ 3RT2916-1JK00		1
			127 ... 240	70 ... 150	■ 3RT2916-1JL00		1
			--	150 ... 250	3RT2916-1JP00		1
		RC Elements	24 ... 48	24 ... 70	3RT2916-1CB00		1
			48 ... 127	70 ... 150	3RT2916-1CC00		1
			127 ... 240	150 ... 250	3RT2916-1CD00		1
		Diode assemblies	--	12 ...250	3RT2916-1EH00		1
		Diode with LED	--	24 ... 70	3RT2916-1LM00		1
		Additional load modules	180 ... 255	--	3RT2916-1GA00		1
for 3RT2 Size S0							
S0	3RT2.2	Varistors	24 ... 48	24 ... 70	■ 3RT2926-1BB00	2400.-	1
			48 ... 127	70 ... 150	■ 3RT2926-1BC00		1
			127 ... 240	150 ... 250	■ 3RT2926-1BD00		1
			240 ... 400	--	■ 3RT2926-1BE00		1
		RC Elements	24 ... 48	24 ... 70	3RT2926-1CB00		1
			48 ... 127	70 ... 150	3RT2926-1CC00		1
			127 ... 240	150 ... 250	3RT2926-1CD00		1
			240 ... 400	--	3RT2926-1CE00		1
		Diode assemblies	--	24	3RT2926-1ER00		1
			--	30 ... 250	3RT2926-1ES00		1
		Varistor with LED	127 ... 240	70 ... 150	3RT2926-1JL00		1
for 3RT2 Size S2 & S3							
S2, S3	3RT2.3 3RT2.4	Varistors[1)]	24 ... 48	--	■ 3RT2936-1BB00	2825.-	1
			48 ... 127	--	■ 3RT2936-1BC00		1
			127 ... 240	--	■ 3RT2936-1BD00		1
			240 ... 400	--	■ 3RT2936-1BE00		1
			400 ... 600	--	3RT2936-1BF00		1
		Diode assemblies	--	24	3RT2936-1ER00		1
			--	30 ... 250	3RT2936-1ES00		1
		Varistors with LED	127... 240	70 ... 150	3RT2936-1JL00		1
for 3RT2 Size S2 - RC Element							
S2	3RT2.3	RC Elements	24 ... 48	24 ... 70	3RT2936-1CB00	2825.-	1
			48 ... 127	70 ... 150	3RT2936-1CC00		1
			127 ... 240	150 ... 250	3RT2936-1CD00		1
			240 ... 400	--	3RT2936-1CE00		1
for 3RT2 Size S3 - RC Element							
S3	3RT2.4	RC Elements	24 ... 48	24 ... 70	3RT2946-1CB00	2825.-	1
			48 ... 127	70 ... 150	3RT2946-1CC00		1
			127 ... 240	150 ... 250	3RT2946-1CD00		1
			240 ... 400	--	3RT2946-1CE00		1

1) In 3RT2 universal coil varistor is in-built











Sealable Covers

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00, S0, S2, S3	3RT2 & 3RH2[@]	3RT2916-4MA10	575.-	1 pack = 5 units

@ Exception: Contactors and contactor relays auxiliary switch block mounted onto the front



Safety main current connectors for 2 contactors

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT2	3RA2916-1A	3745.-	1
S0		3RA2926-1A		1
S2		3RA2936-1A		1



■ **Stock items**

Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Coil terminal modules for S0, S2, S3

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Connection from top	3RT2	3RT2926-4RA11	1045.-	1
Connection from below		3RT2926-4RB11		1
Connection diagonally		3RT2926-4RC11		1



Coupling links for control by PLC

for mounting onto the coil terminals of the contactors

Size	For Contactor	Mounting	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT2.2	onto the coil terminals of the contactors	3RH2924-1GP11	6320.-	1
S00, S0, S2, S3	3RT2	onto the contactors	3RH2914-1GP11	6445.-	1



LED modules for indicating the contactor function

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00 - S3	3RT2	3RT2926-1QT00	1910.-	1 pack = 5 units



Links for paralleling

Size	For Contactor	Version	Max. Conductor cross-sections mm²	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT20 1	3-Pole with connection terminal	25 (stranded)	3RT1916-4BB31	1280.-	1
S0	3RT20 2		50 (stranded)	3RT2926-4BB31	2165.-	1
S2	3RT20 3		120 (stranded)	3RT1936-4BB31	2550.-	1
S3	3RT20 4		185 (stranded)	3RT1946-4BB31	6985.-	1
S00	3RT23 1 & 3RT25 1	4-Pole with connection terminal	25 (stranded)	3RT1916-4BB41	1925.-	1



Screw adapters for easy screw fixing

2 units required per contactor

Size	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT1926-4P	90.-	1 pack = 10 units



OFF-Delay Devices

Size	Rated control supply voltage U_s V	Type	Unit LP ₹	Std. pkg. (nos.)
3RT2. 1, 3RT2. 2, 3RH2. . .-1BF40	110 AC/DC	3RT2916-2BK01	12750.-	1
3RT2. 1, 3RT2. 2, 3RH2. . .-1BM40	220 / 230 AC/DC	3RT2916-2BL01		1
3RT2. 1, 3RT2. 2, 3RH2. . .-1BB40	24 DC	3RT2916-2BE01		1



Mechanical latching blocks

Size	For Contactor	Rated control supply voltage U_s V	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT2.2	24 AC/DC	3RT2926-3AB31	8100.-	1
		110 AC/DC	3RT2926-3AF31		1
		230 AC/DC	3RT2926-3AP31		1



Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)



Solid state timer block

for snapping onto the front (S00, S0, S2, S3)

Function	For contactors	Auxiliary contacts	Rated control supply voltage U_s 50/60 Hz V	Time setting range t Sec	Type*	Unit LP ₹	Std. pkg. (nos.)
On-Delay (Varistor integrated)	3RT2 3RH21 3RH24	1CO	24 ... 240 VAC/DC	0.05 ... 100	**3RA2813-1AW10**	**12835.-**	**1**
		1NO + 1NC			**3RA2813-1FW10**		**1**
OFF-Delay without auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	**3RA2815-1AW10**	**15300.-**	**1**
		1NO + 1NC			**3RA2815-1FW10**		**1**
OFF-Delay with auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	**3RA2814-1AW10**	**17405.-**	**1**
		1NO + 1NC			**3RA2814-1FW10**		**1**

Solid state timer block with semiconductor output

for snapping onto the front (S00, S0)

Function	For contactors#	Auxiliary contacts	Rated control supply voltage U_s 50/60 Hz V	Time setting range t Sec	Type*	Unit LP ₹	Std. pkg. (nos.)
On-Delay (Varistor integrated)	3RT2 3RH21 3RH24	–	24 ... 240 VAC/DC	0.05 ... 100	**3RA2811-1CW10**	**13950.-**	**1**
OFF-Delay with auxiliary voltage		–	24 ... 240 VAC/DC	0.05 ... 100	**3RA2812-1DW10**	**16440.-**	**1**

Cannot be fitted onto coupling relays. Also available for 3RT2 S2 & S3 on request

Version	SIRIUS function modules	
	A	Unit LP ₹
Direct on line starting (S00, S0, S2, S3)	*Pls refer above table for type reference **(Solid state timer block with semiconductor output)**	
		
Reversing starting (S00, S0, S2, S3)	for complete feeder refer page no. 23-24	
Star delta starting (S00, S0, S2, S3)	**3RA2816-0EW20**	**26520.-**
		

*For ordering with spring type terminals, please replace 8th digit from '1' to '2'

Accessories for 3 Pole, 3RT2 & 3RT1 Contactors

Surge Suppressor for 3Pole 3RT1 (S6..S12)

Size	Version	AC Operation	DC Operation	Type	Unit LP ₹	Std. pkg. (nos.)
		Rated control supply voltage (U_s)				
		V AC	V DC			
S6, S10, S12	**RC Elements***	24 ... 48	24 ... 70	**3RT1956-1CB00**	**4955.-**	1
		48 ... 127	70 ... 150	**3RT1956-1CC00**		1
		127 ... 240	150 ... 250	**3RT1956-1CD00**		1
		240 ... 400	–	**3RT1956-1CE00**		1
		400 ... 600	–	**3RT1956-1CF00**		1



Contactor coils (Size S6 to S12) comes with in-built varistor
* for connecting to with-drawable coils with screw terminal type connection

Box terminal blocks

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT105	For round and ribbon cables (up to 70 mm^2)	**3RT1955-4G**	**4770.-**	1
		For round and ribbon cables (up to 120 mm^2)	**3RT1956-4G**	**6750.-**	1
		Auxiliary conductor connection for box terminals	**3TX7500-0A**	**2660.-**	1
S10 / S12	3RT106 & 3RT107	Up to 240 mm^2 with auxiliary conductor connection	**3RT1966-4G**	**19085.-**	1



Covers

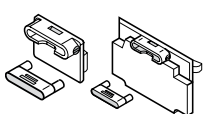
Terminal covers for box terminals

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT204	3 Pole	**3RT2946-4EA2**	**1565.-**	1
S6	3RT105	Length of 25 mm	**3RT1956-4EA2**	**2550.-**	1
S10 / S12	3RT106 & 3RT107	Length of 30 mm	**3RT1966-4EA2**	**4490.-**	1
Terminal covers for cable lugs and busbar connection					
S3	3RT204	Length of 55 mm	**3RT1946-4EA1**	**2280.-**	1
S6	3RT105	Length of 100 mm	**3RT1956-4EA1**	**4355.-**	1
S10 / S12	3RT106 & 3RT107	Length of 120 mm	**3RT1966-4EA1**	**5730.-**	1
Busbar cover between contactor and 3RB2 overload relay or wiring module for contactor assemblies					
S10 / S12	3RT106 & 3RT107	Length of 42 mm	**3RT1966-4EA3**	**3815.-**	1
For busbar cover of the flat line connectors for reversing and wye-delta assemblies					
S6	3RT105	Length of 38 mm	**3RT1956-4EA4**	**3515.-**	1



Sealable Covers

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S6, S10, S12	**3RT105, 3RT106 & 3RT107**	**3RT1926-4MA10**	**265.-**	**1 pack = 5 units**



Accessories for 3 Pole, 3RT2 & 3RT1 Contactors

Links for paralleling

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT204	3-Pole with through hole (Star Jumpers)	3RT1946-4BB31	6985.-	1
S6	3RT1		3RT1956-4BA31	3815.-	1
S10 / S12	3RT1		3RT1966-4BA31	5075.-	1



Accessories for 3RT12

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Line voltage surge suppressors			
Up to 690V AC	3RT1966-1PV3	22825.-	1
Up to 1000V AC	3RT1966-1PV4	33350.-	1
Auxiliary contact blocks			
second, 2NO	3RH1921-1KA20	2905.-	1
second, 1NO+1NC	3RH1921-1KA11		1
second, 2NC	3RH1921-1KA02		1
Mechanical interlock mechanism	3RA1954-2A	7290.-	1
Coil surge suppressor			
RC element, for 110V-127V coil	3RT1956-1CC00	4955.-	1
RC element, for 220V-240V coil	3RT1956-1CD00		1



Accessories for 4 Pole Contactor - 3RT23 / 3RT13

Mechanical interlock for 3RT23

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S00-S00	3RA2912-2H	Mechanical interlock & 2 Connecting Clips	1265.-	1
S0-S0	3RA2922-2H	Mechanical interlock & 2 Connecting Clips	1265.-	1
S2-S2[1)]	3RA2934-2B	Mechanical interlock	1440.-	1
	3RA2932-2G	2x Connecting Clips	710.-	10
S3-S3[1)]	3RA2934-2B	Mechanical interlock	1440.-	1
	3RA2942-2G	2x Connecting Clips	810.-	10

1) for 3RT23 S2 & S3 reversing combination both Mechanical interlock & 2x Connecting Clips need to be ordered

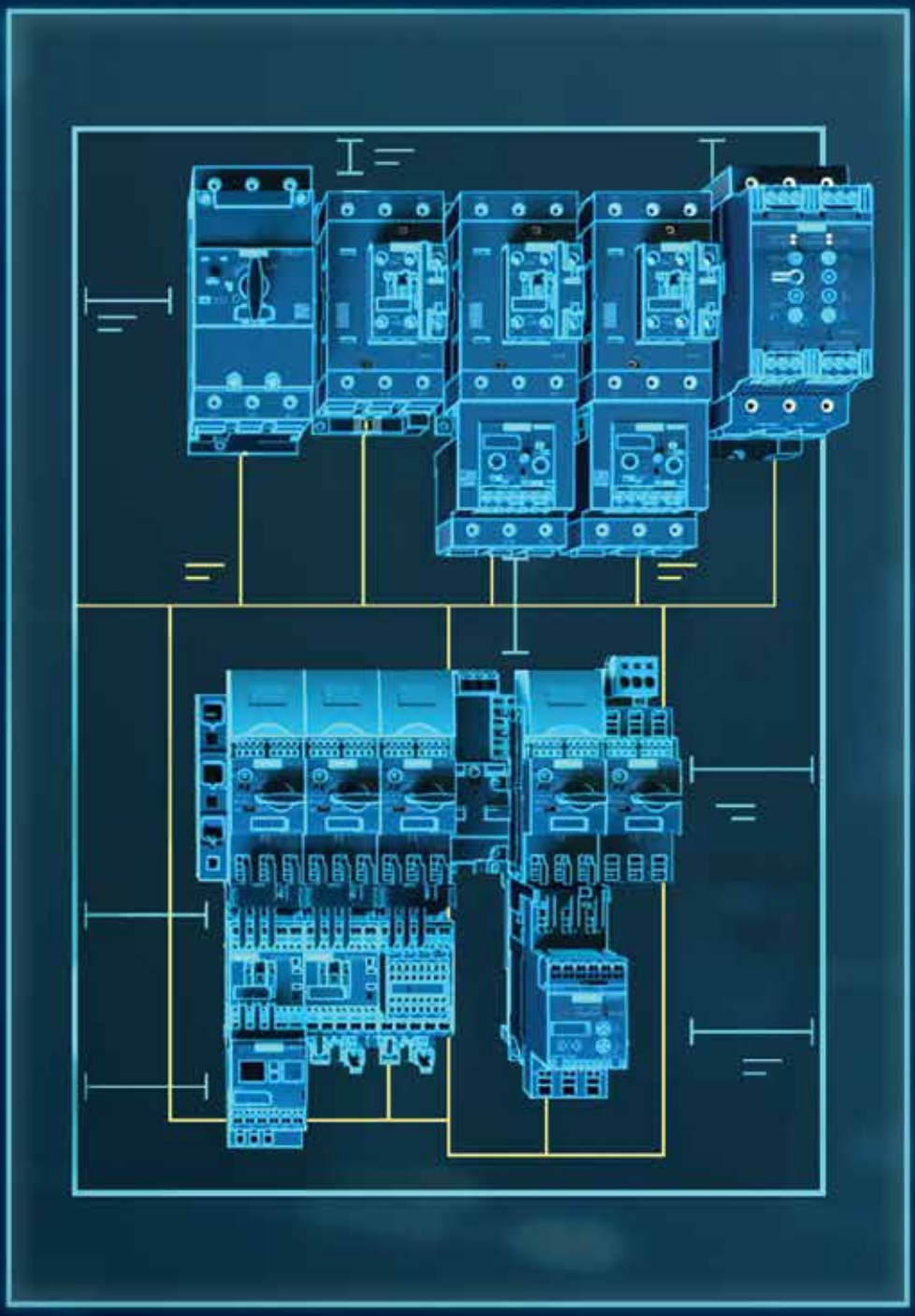
Mechanical interlock for 3RT13

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6-S6	3RA1954-3A	Mechanical interlock for 3RT13	7290.-	1
S10-S10				
S12-S12				

Terminal Covers for 3RT13

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6	3RT1956-4EB10	for 3RT135..	6440.-	1
S10	3RT1966-4EB10	for 3RT136..		
S12	3RT1976-4EB10	for 3RT13..		

Save up to 30%
more space using compact switching devices



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3RA Load Feeders

Direct On-Line Starters

For snapping onto standard mounting rails or for screw mounting

Size of MPCB / contactor	MPCB	+	Contactor	+	Link module	+	Standard mounting rail adaptor	Final Assembled Unit
S00 / S00	 3RV2	+	 3RT2 AC and DC coil	+	 3RA1921-1DA00	+	Not required	
(S00, S0) / S0	 3RV2	+	 3RT2 AC coil DC coil	+	 3RA2921-1AA00 3RA2921-1BA00	+	Not required	
S2 / S2	 3RV2	+	 3RT2 AC and DC coil	+	 3RA2931-1AA00	+	 3RA2932-1AA00 (Optional)	
S3 / S3	 3RV2	+	 3RT2 AC and DC coil	+	 3RA1941-1AA00	+	 3RA2942-1AA00	

Link modules, single-unit packaging – For mechanical and electrical connection between contactor and motor protection circuit-breaker with screw terminals

Method of operation	Size of contactor	Size of MPCB	Type	Unit LP ₹	Std. pkg. (nos.)
AC/DC	S00	S00	**3RA1921-1DA00**	**1345.-**	**1**
	S2	S2	**3RA2931-1AA00**	**4430.-**	**1**
	S3	S3	**3RA1941-1AA00**	**4535.-**	**1**
AC	S0	S00/S0	**3RA2921-1AA00**	**1345.-**	**1**
DC	S0	S00/S0	**3RA2921-1BA00**	**1345.-**	**1**

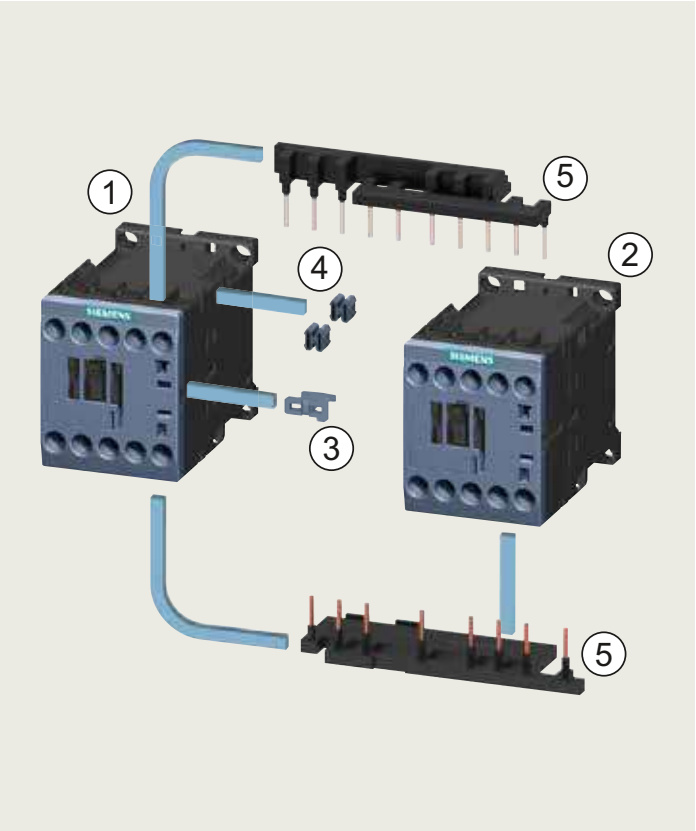
Standard mounting rail adaptor

Size of MPCB	Size of contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S2	S2	**3RA2932-1AA00**	**4595.-**	**1**
S3	S3	**3RA2942-1AA00**	**6300.-**	**1**

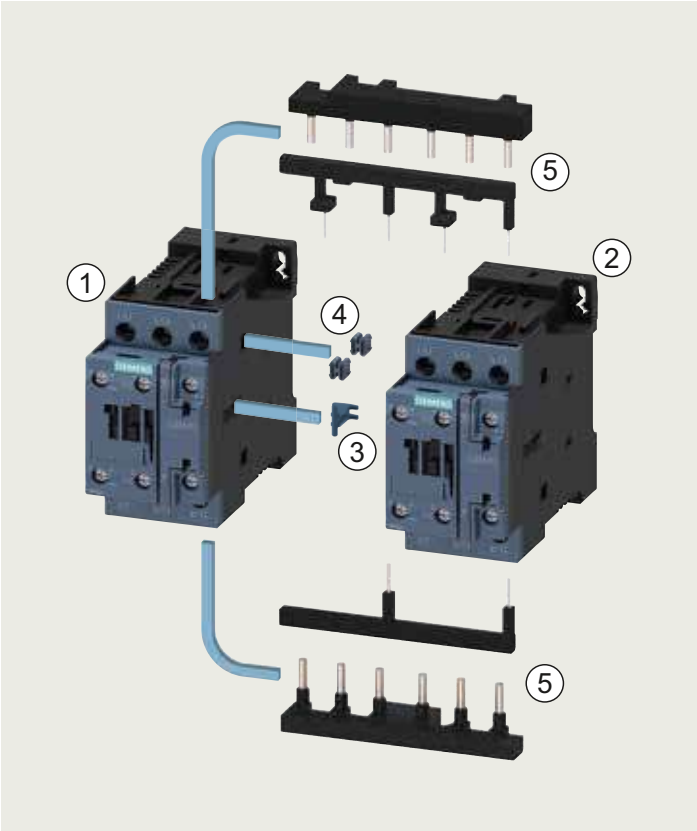
Accessories for 3RT2 Contactors

S00, S0 - Mechanical Interlock & Installation kit for reversing contactors

S00 - S00



S0 - S0



Individual Components

① ② Power Contactor Size S00 - S00 or S0 - S0
③ Lateral mounted mechanical interlock
④ 2 Nos Connecting clips for two contactors
⑤ Wiring modules on the top & bottom

S. No.	Description	Contactor Size	Type*	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3, 4, 5	Assembly Kit Each kit contains: Mechanical interlock, 2 Connecting clips for 2 contactors, wiring modules on the top & bottom	S00-S00	3RA2913-2AA1	2580.-	1 Unit
		S0-S0	3RA2923-2AA1	3870.-	
3, 4	Each set contains: Mechanical interlock & 2 Connecting clips	S00-S00	3RA2912-2H	1265.-	1 pack (1 pack = 10 Sets)
		S0-S0	3RA2922-2H	1265.-	

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'

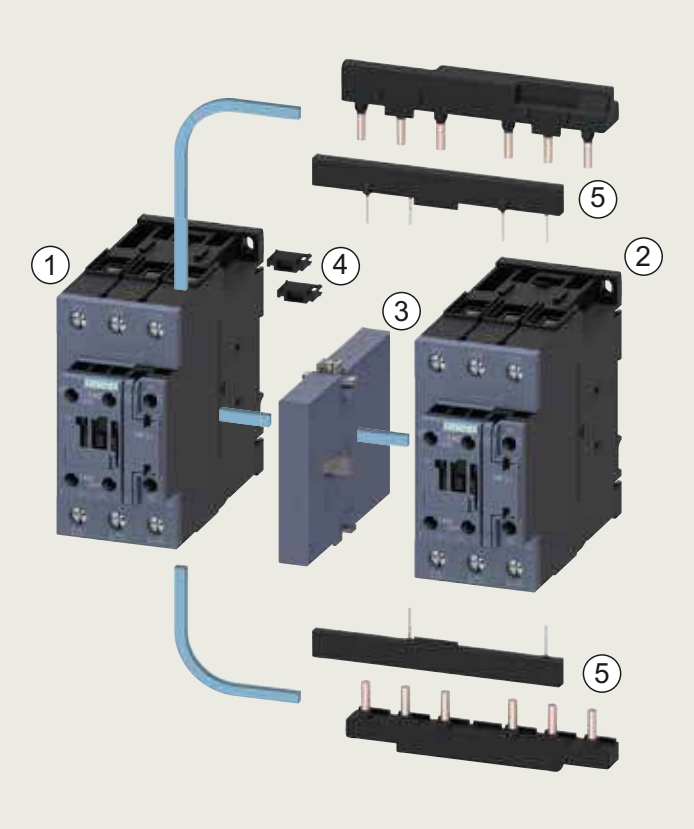


3, 4, 5

3, 4

Accessories for 3RT2 Contactors

S2 - S2 or S3 - S3 - Mechanical Interlock & Assembly kit for reversing contactors



Individual Components

① ② Power Contactor Size S2 - S2 or S3 - S3
③ Lateral mounted mechanical interlock
④ 2 Nos Connecting clips for two contactors
⑤ Wiring modules on the top & bottom

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
4, 5	Assembly Kit Each kit contains: • Two connecting clips for two contactor • Wiring modules on the top & bottom for connecting the main and auxiliary current paths	S2 - S2	3RA2933-2AA1	4280.-	1 Unit
		S3 - S3	3RA2943-2AA1	8545.-	1 Unit
3	Mechanical interlock	S2 - S2	3RA2934-2B	1440.-	1 Unit
		S3 - S3			
4	Connecting Clips for 3Pole Contactors Two connectors for two contactors	S2 - S2	3RA2932-2C	710.-	10 Unit
		S3 - S3	3RA2932-2D	710.-	

* Assembly kit only available for 3 Pole contactors only



4, 5



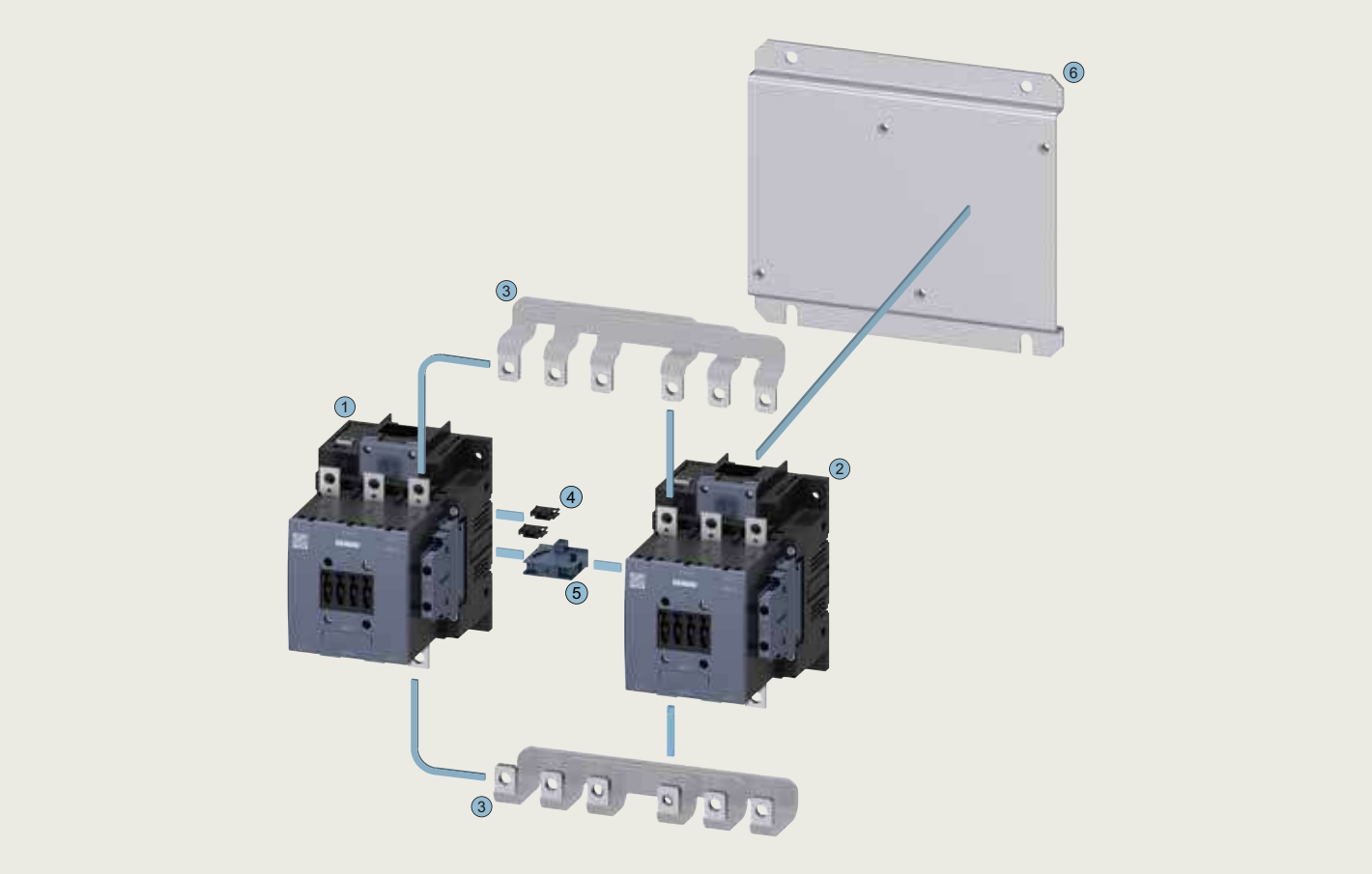
3



4

Accessories for 3RT1 Contactors

S6 - S6 - Mechanical Interlock & Installation kit for reversing contactors



Individual Components

① ② Power Contactor Size S6 - S6
③ Assembly Kit
④ Two connectors for two contactors
⑤ Mechanical interlock
⑥ Base plate for reversing contactor assemblies

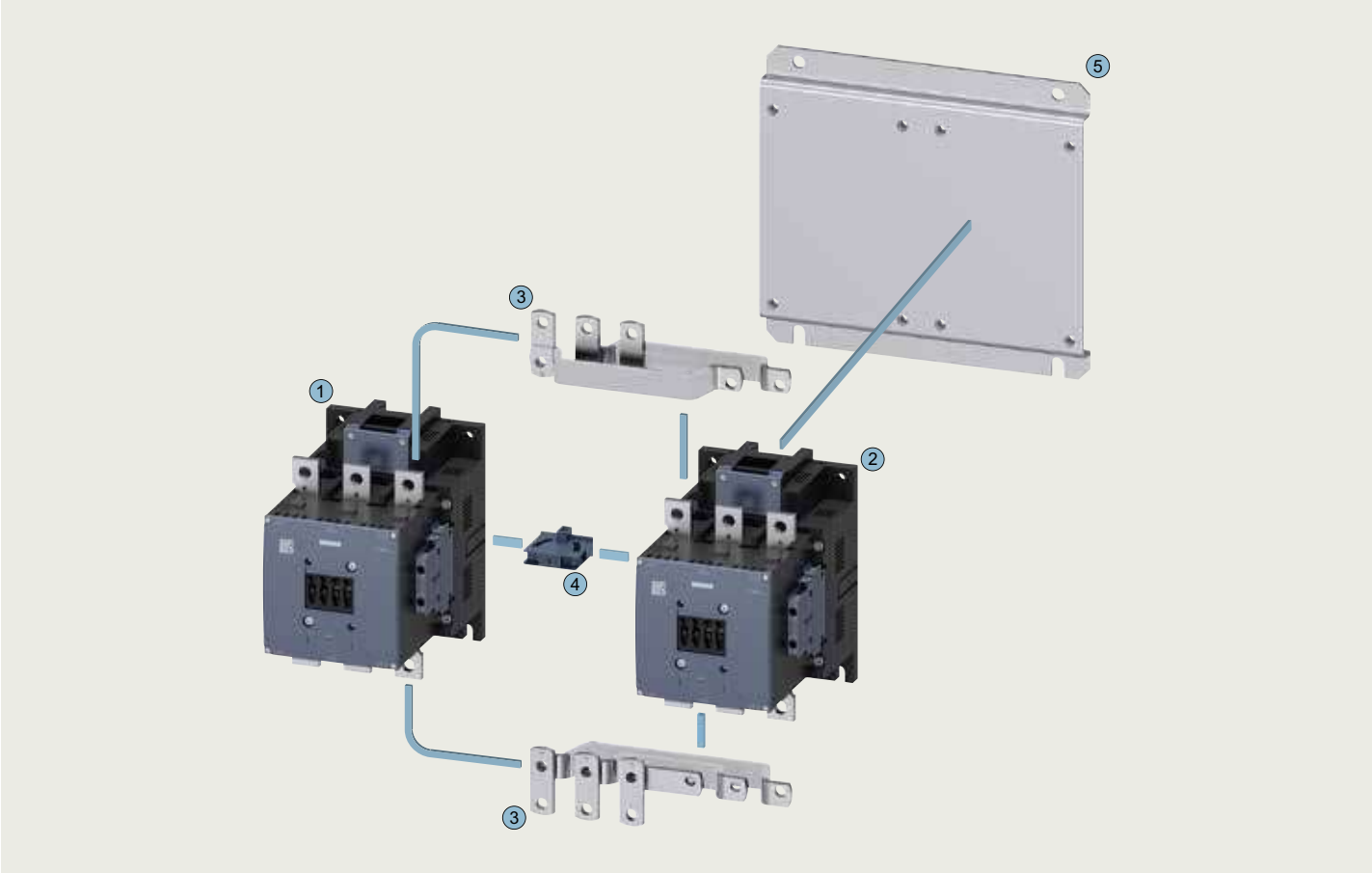
S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3	Assembly Kit Each kit contains: • Wiring modules on the top & bottom for contactors without box terminals for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S6 - S6	**3RA1953-2A**	**58985.-**	**1 Unit**
4	Two connectors for two contactors	S6 - S6	**3RA1932-2D**	**680.-**	**1 Pack (1 pack = 10 sets)**
5	Mechanical interlock	S6 - S6	**3RA1954-2A**	**7290.-**	**1 Unit**
6	Base plate for reversing contactor assemblies	S6 - S6	**3RA1952-2A**	**11015.-**	**1 Unit**

■ **Stock items**

LP - List Price

Accessories for 3RT1 Contactors

S10 - S10 or S12 - S12 - Mechanical Interlock & Installation kit for reversing contactors



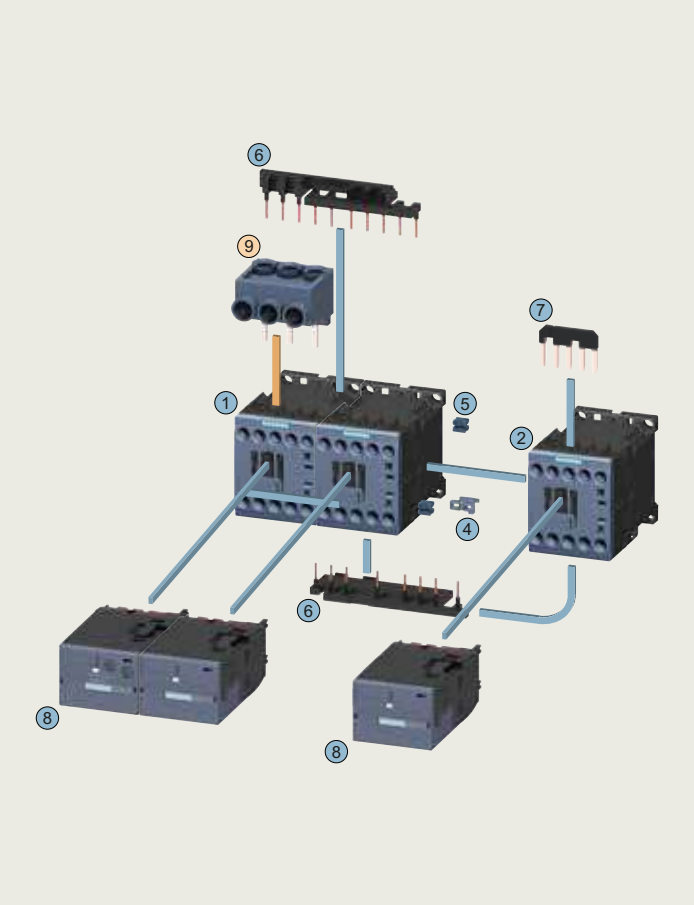
Individual Components

① ② Power Contactor Size S10 - S10 or S12 - S12
③ Assembly Kit
④ Mechanical interlock
⑤ Base plate for reversing contactor assemblies

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3	Assembly Kit Each kit contains: • Wiring modules on the top & bottom for contactors without box terminals for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S10 - S10	3RA1963-2A	62900.-	1 Unit
		S12 - S12	3RA1973-2A	66840.-	1 Unit
4	Mechanical interlock	S10 - S10	3RA1954-2A	7290.-	1 Unit
		S12 - S12			
5	Base plate for reversing contactor assemblies	S10 - S10	3RA1962-2A	16525.-	1 Unit
		S12 - S12	3RA1972-2A	19265.-	1 Unit

Accessories for 3RT2 Contactors

S00-S00-S00 - Mechanical Interlock & Installation kit for star delta contactor assembly



Individual Components

① ② ③ Power Contactors:
Line: S00
Delta: S00
Star: S00

Assembly kit : ④ ... ⑦

④ Mechanical interlock

⑤ 4 Nos Connecting clips for contactors

⑥ Wiring modules on the top & bottom for connecting the main and the control path

⑦ Star Jumper

⑧ Function Module for Star-Delta

⑨ 3-phase feeder terminal

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
4...7	3RT20 1	Assembly Kit Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ **3RA2913-2BB1***	**2630.-**	**1 Unit**
8	3RT20 1	Function module	■ **3RA2816-0EW20**	**26520.-**	**1 Unit**
9	3RT20 1	3-phase feeder terminal (for Screw type contactors only)	■ **3RA2913-3K**	**1920.-**	**5 Unit**

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'



4...7



8

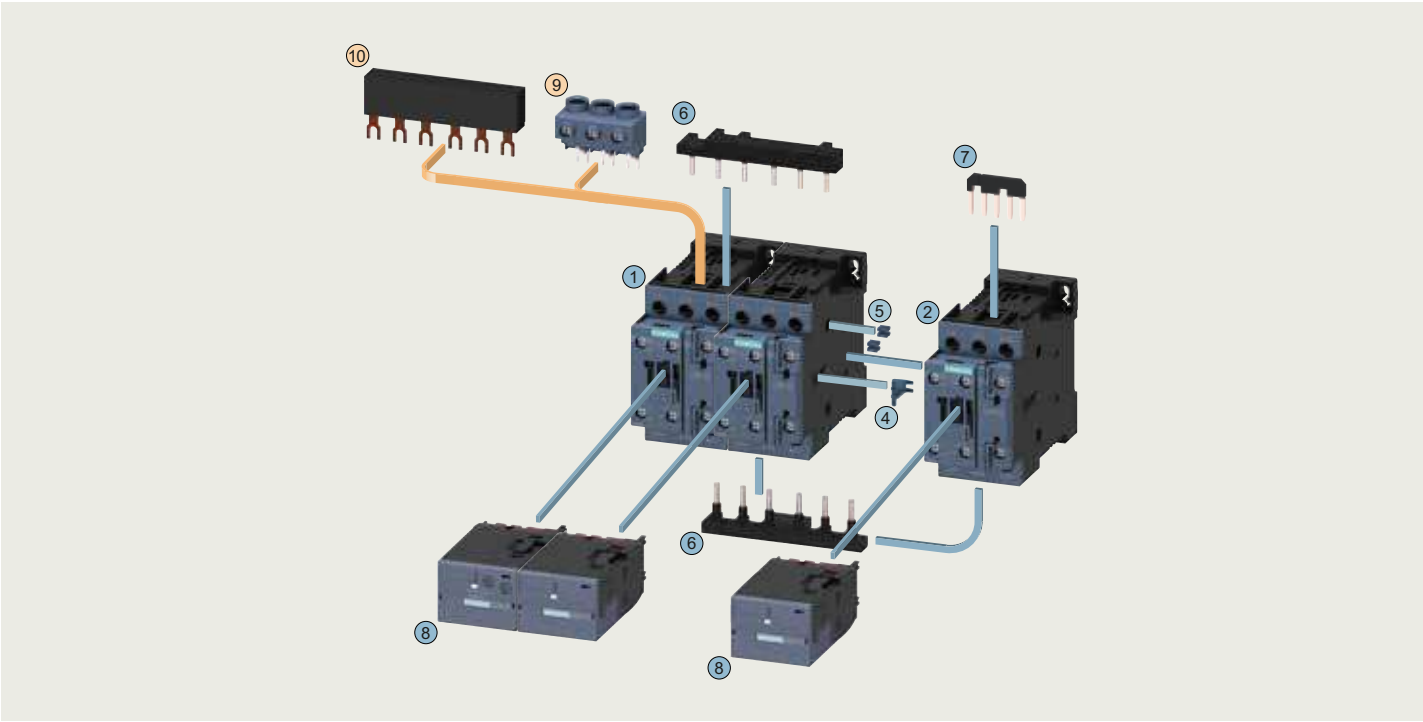


9

■ **Stock items**

Accessories for 3RT2 Contactors

S0-S0-S0 - Mechanical Interlock & Installation kit for star delta contactor assembly



Individual Components

① ② ③ Power Contactors:
Line: S0
Delta: S0
Star: S0

⑧ Function Module for Star-Delta

⑨ 3-phase feeder terminal

⑩ 3-phase busbar

Assembly kit : ④ ... ⑦

④ Mechanical interlock

⑤ 4 Nos Connecting clips for contactors

⑥ Wiring modules on the top & bottom for connecting the main and the control path

⑦ Star Jumper

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
4...7	3RT20 2	Installation Kit Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ 3RA2923-2BB1*	4220.-	1 Unit
8	3RT20 2	Function module	■ 3RA2816-0EW20	26520.-	1 Unit
9	3RT20 2	3-phase feeder terminal (for Screw type contactors only)	■ 3RV2925-5AB	4405.-	1 Unit
10	3RT20 2	3-phase busbar (for Screw type contactors only)	■ 3RV1915-1AB	3740.-	1 Unit

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'



4...7



8



9

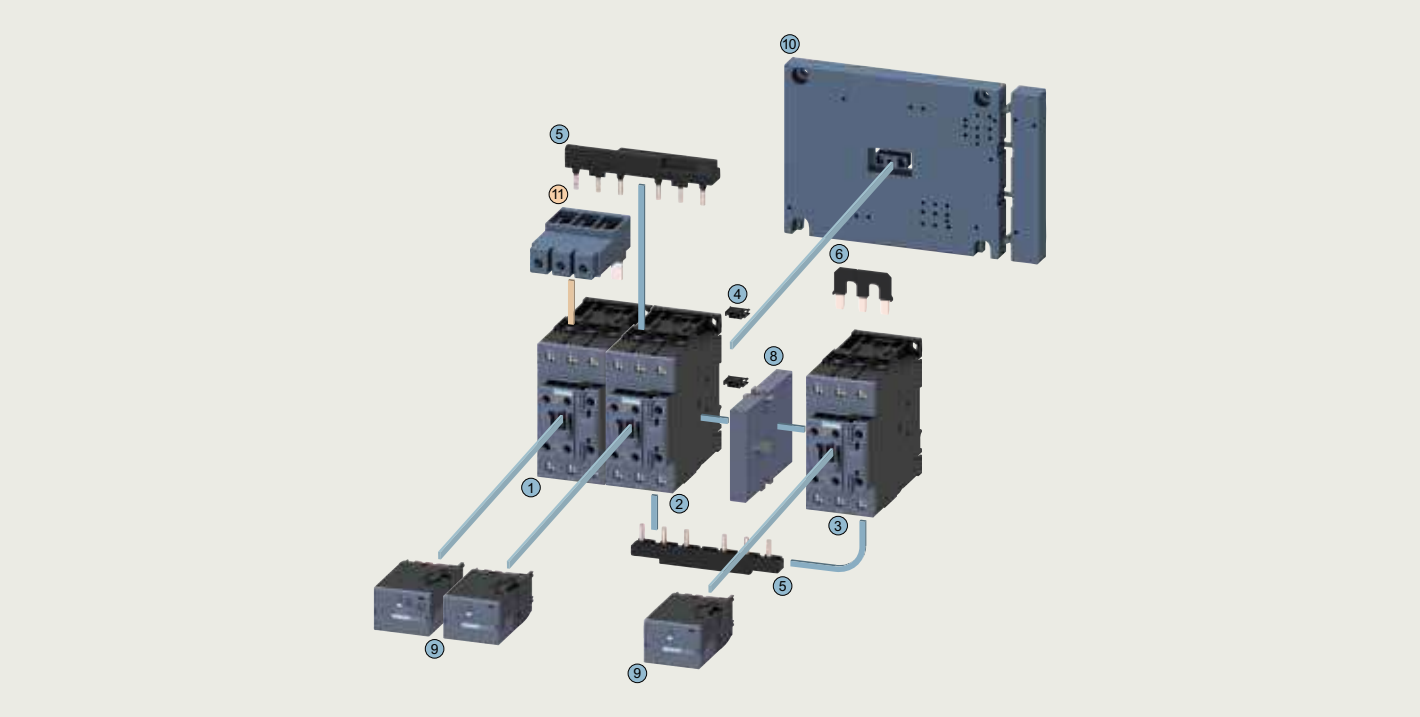


10

■ **Stock items**

Accessories for 3RT2 Contactors

S2-S2-S0/S2 - Mechanical Interlock & Installation kit for star delta contactor assembly



The figure shows the version with screw terminals in S2-S2-S2

Individual Components

① ② ③ Contactors

④ ... ⑦ Assembly kit comprising:
S2-S2-S2: 3RA2933-2BB1
S2-S2-S0: 3RA2933-2C

④ Connectors for three contactors

⑤ Wiring modules on top and bottom for connecting the main and auxiliary circuits

⑥ Star jumper

⑦ Cable for connecting the A2 coil contact from the line contactor with the A2 coil contact of the delta contactor (not shown in the drawing)

⑧ Mechanical interlock

⑨ Function modules for star-delta (wye-delta)

⑩ Base plate star-delta

⑪ 3-phase feeder terminal

S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2932-2F	5460.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	1440.-	1 Unit
4...7	Assembly Kit: S2-S2-S2	3RA2933-2BB1	6385.-	1 Unit
	Assembly Kit: S2-S2-S0	3RA2933-2C	5885.-	1 Unit
9	Functional Module	3RA2816-0EW20	26520.-	1 Unit



10



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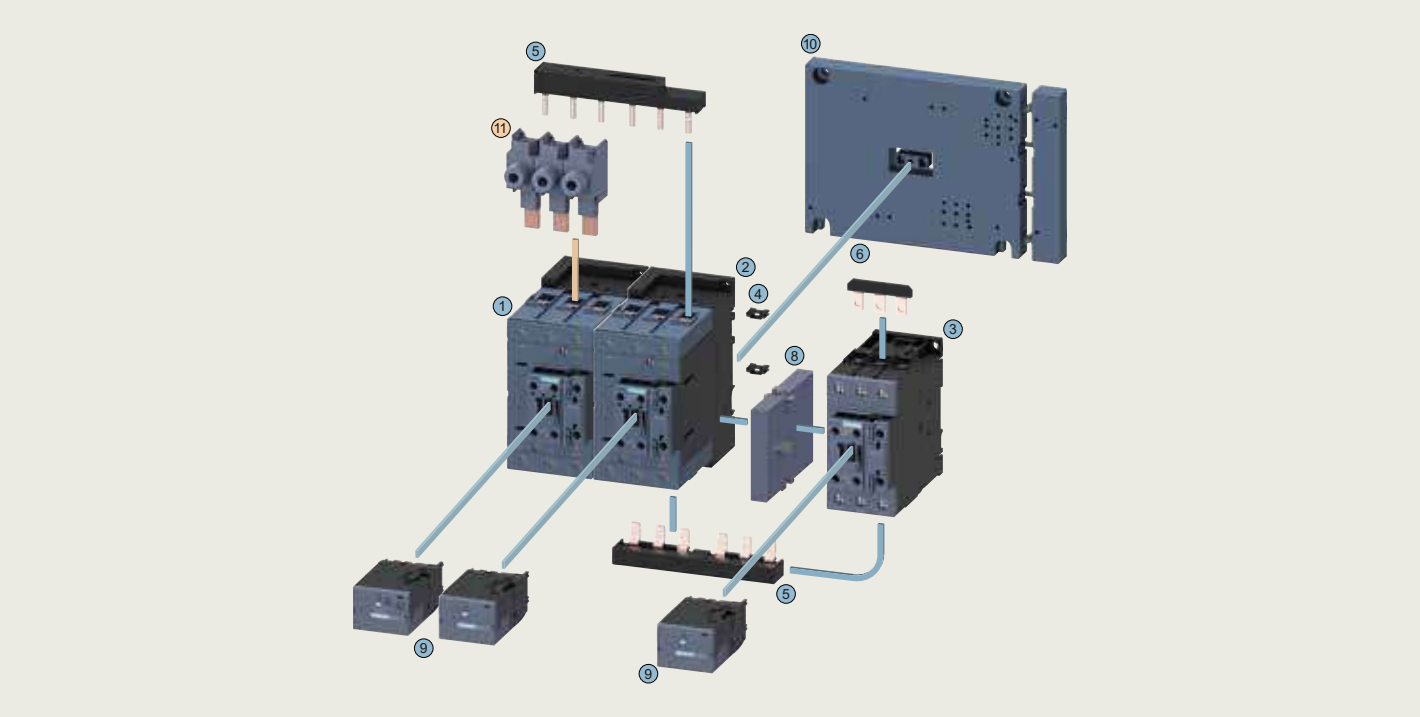
4...7



9

Accessories for 3RT2 Contactors

S3-S3-S2/S3 - Mechanical Interlock & Installation kit for star delta contactor assembly



The figure shows the version with screw terminals in S3-S3-S2

Individual Components

① ② ③ Contactors

④ ... ⑦ Assembly kit comprising:
S3-S3-S3: 3RA2943-2BB
S3-S3-S2: 3RA2943-2C

④ Connectors for three contactors

⑤ Wiring modules on top and bottom for connecting the main and auxiliary circuits

⑥ Star jumper

⑦ Cable for connecting the A2 coil contact from the line contactor with the A2 coil contact of the delta contactor (not shown in the drawing)

⑧ Mechanical interlock

⑨ Function modules for star-delta (wye-delta)

⑩ Base plate star-delta

⑪ 3-phase feeder terminal

S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2942-2F	7645.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	1440.-	1 Unit
4...7	Assembly Kit: S3-S3-S3	3RA2943-2BB1	6915.-	1 Unit
	Assembly Kit: S3-S3-S2	3RA2943-2C	6915.-	1 Unit
9	Functional Module	3RA2816-0EW20	26520.-	1 Unit



10



8



4...7

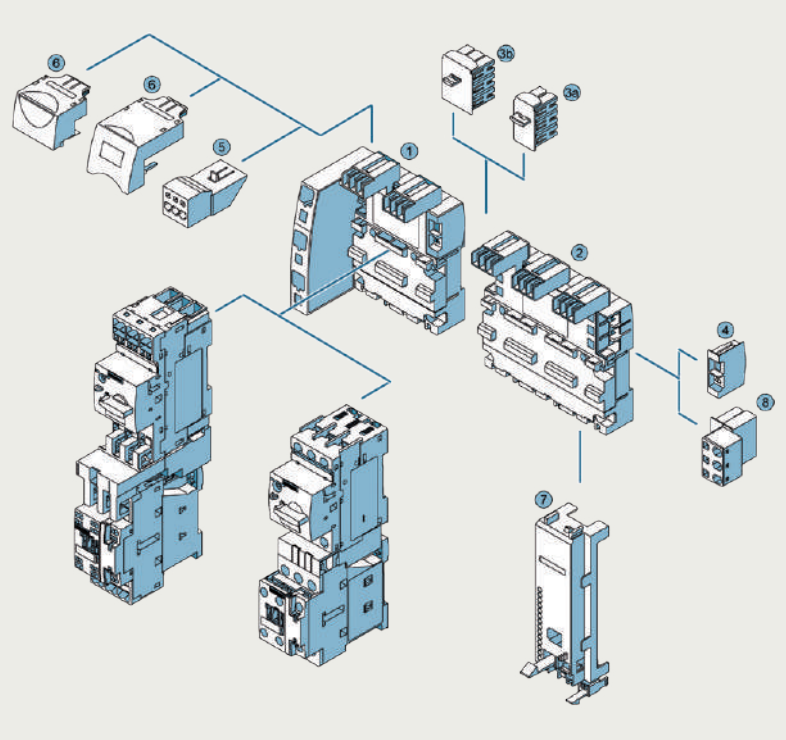


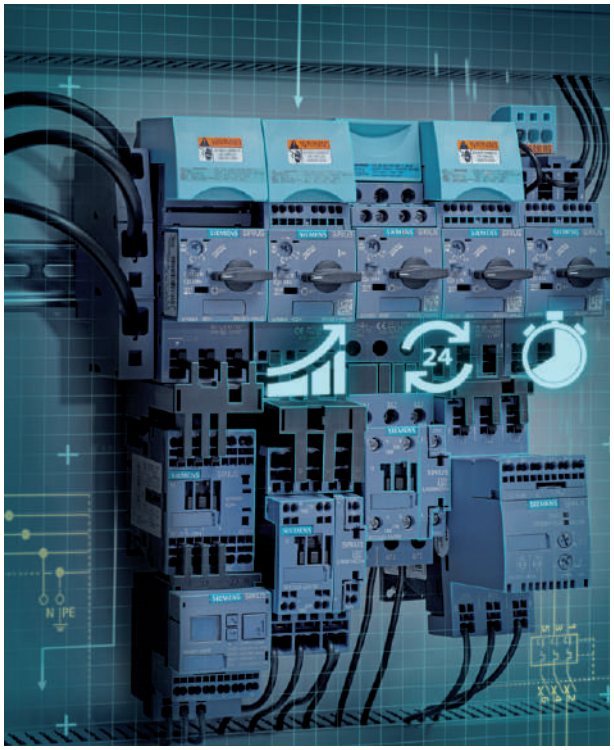
9

■ **Stock items**

3RV29 Infeed system

The 3RV29 infeed system is a convenient means of energy supply and distribution for a group of several motor starter protectors or complete load feeders with a screw or spring-type connection in sizes S00 and S0.





Individual Components

① 3-phase busbar with infeed
② 3-phase busbar for system expansion
③a Expansion plug
③b Extra-wide expansion plug
④ End cover
⑤ Terminal block for device infeed
⑥ Plug-in connector
⑦ Contactor base
⑧ Terminal block

- Maximum current carrying capacity of 63 A
- Enables the integration of MPCB's, 1-phase, 2-phase and 3-phase components such as 5SY miniature circuit breakers or SIRIUS relay components.
- Approved in accordance with IEC to 500 V.
- UL-approved and authorized for Type E starter and Type F starter.

Legend	Type of accessory	Version	For 3RV20, 3RV23, 3RV24 MPCB only	Type	Unit LP ₹	Std. pkg. (nos.)
①*	Three-phase busbars with infeed (incl. 3RV2917-6A end cover)	For 2 motor starter protectors with screw or spring-type terminals With infeed on the left	S00, S0	3RV2917-1A	5760.-	1
		For 2 motor starter protectors with screw or spring-type terminals With infeed on the Right	S00, S0	3RV2917-1E	5760.-	1
②+	Three-phase busbars for system expansion (incl. 3RV2917-5BA00 expansion plug)	For 2 motor starter protectors with screw or spring-type terminals	S00, S0	3RV2917-4A	3470.-	1
		For 3 motor starter protectors with screw or spring-type terminals	S00, S0	3RV2917-4B	4640.-	1
③+	Expansion Plug (as spare part)			3RV2917-5BA00	1175.-	1
	Extra-wide expansion plugs (as accessory)			3RV2917-5E	2605.-	1
④+	End covers (as spare part)			3RV2917-6A	150.-	10
⑤+	Terminal blocks	for device infeed		3RV2917-5FA00	3960.-	1
⑥*	Plug-in connectors to make contact with motor starter protectors	For spring-type terminals	S00	3RV2917-5AA00	1020.-	1
			S0	3RV2927-5AA00	1020.-	1
		For Screw-type terminals	S00	3RV2917-5CA00	1020.-	1
			S0	3RV1927-5AA00	1220.-	1
⑦^	Contactor bases for mounting direct-on-line or reversing starters	For contactors	contactors S00, S0	3RV2927-7AA00	860.-	1
⑧+	Terminal blocks	for integration of single-phase, two-phase and three-phase components		3RV2917-5D	4160.-	1

* Required + Optional ^ Required for Reversing DOL

Reversing Contactor Assemblies - 3RA23


S00-S00


S0-S0


S2-S2


S3-S3

Screw terminals

Size	AC-3 operational current Ie up to 415V A	Motor rating at 415V, 50Hz kW	AC Coil				DC Coil			
			Rated control supply voltage U_s at 50/60Hz V AC	Type*	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U_s V DC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	7	3	230	3RA2315-8XB30-1AP0	15845.-	1	24	3RA2315-8XB30-1BB4	21005.-	1
	9	4	230	3RA2316-8XB30-1AP0	16705.-	1	24	3RA2316-8XB30-1BB4	22715.-	1
	12	5.5	230	3RA2317-8XB30-1AP0	17465.-	1	24	3RA2317-8XB30-1BB4	25400.-	1
	16	7.5	230	3RA2318-8XB30-1AP0	20695.-	1	24	3RA2318-8XB30-1BB4	27320.-	1
S0	12	5.5	230	3RA2324-8XB30-1AL2	20690.-	1	24	3RA2324-8XB30-1BB4	25440.-	1
	17	7.5	230	3RA2325-8XB30-1AL2	21150.-	1	24	3RA2325-8XB30-1BB4	29180.-	1
	25	11	230	3RA2326-8XB30-1AL2	25520.-	1	24	3RA2326-8XB30-1BB4	38695.-	1
	32	15	230	3RA2327-8XB30-1AL2	46790.-	1	24	3RA2327-8XB30-1BB4	75770.-	1
	38	18.5	230	3RA2328-8XB30-1AL2	65630.-	1	24	3RA2328-8XB30-1BB4	85675.-	1
S2	50	22	230	3RA2336-8XB30-1AL2	74000.-	1	20...33	3RA2336-8XB30-1NB3€	113845.-	1
	65	30	230	3RA2337-8XB30-1AL2	99120.-	1	20...33	3RA2337-8XB30-1NB3€	127230.-	1
	80	37	230	3RA2338-8XB30-1AL2	124550.-	1	20...33	3RA2338-8XB30-1NB3€	150805.-	1
S3	95	45	230	3RA2346-8XB30-1AL2	155645.-	1	20...33	3RA2346-8XB30-1NB3€	175020.-	1
	110	55	230	3RA2347-8XB30-1AL2	178915.-	1	20...33	3RA2347-8XB30-1NB3€	192545.-	1

Star Delta Contactor Assemblies - 3RA24


S00-S00-S00


S0-S0-S0


S2-S2-S2


S3-S3-S2

Screw terminals

Size	AC-3 operational current Ie up to 415V A	Motor rating at 415V, 50Hz kW	AC Coil$				DC Coil@			
			Rated control supply voltage U_s at 50/60Hz V AC	Type*	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U_s V DC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00-S00-S00	12	5.5	230	3RA2415-8XF31-1AP0	35555.-	1	24	3RA2415-8XF31-1BB4	41730.-	1
	17	7.5	230	3RA2416-8XF31-1AP0	37445.-	1	24	3RA2416-8XF31-1BB4	45440.-	1
	25	11	230	3RA2417-8XF31-1AP0	39240.-	1	24	3RA2417-8XF31-1BB4	48540.-	1
S0-S0-S0	25	11	230	3RA2423-8XF32-1AL2	43925.-	1	24	3RA2423-8XF32-1BB4	54110.-	1
	32/40	15/18.5	230	3RA2425-8XF32-1AL2	50520.-	1	24	3RA2425-8XF32-1BB4	161900.-	1
	50	22	230	3RA2426-8XF32-1AL2	73220.-	1	24	3RA2426-8XF32-1BB4	108440.-	1
S2-S2-S0	50/65	22/30	230	3RA2434-8XF32-1AL2	98870.-	1	20...33	3RA2434-8XF32-1NB3€	148490.-	1
	80	37	230	3RA2435-8XF32-1AL2	103170.-	1	20...33	3RA2435-8XF32-1NB3€	169400.-	1
	86	45	230	3RA2436-8XF32-1AL2	124055.-	1	20...33	3RA2436-8XF32-1NB3€	182515.-	1
S2-S2-S2	115	55	230	3RA2437-8XF32-1AL2	151205.-	1	20...33	3RA2437-8XF32-1NB3€	197005.-	1
S3-S3-S2	150	75	230	3RA2445-8XF32-1AL2	165620.-	1	20...33	3RA2445-8XF32-1NB3€	216715.-	1
	160	90	230	3RA2446-8XF32-1AL2	221910.-	1	20...33	3RA2446-8XF32-1NB3€	260060.-	1

* For ordering above assembly with Spring type terminals, please replace 13th digit from "1 to 2" for S00, S0

€ - Universal operation AC / DC

Above assemblies are also available as "ready to assemble kit" please refer page no. 23-30

Please contact nearest sales office for other coil voltages and with communication interface



Genuine Siemens spares

Buy from our authorised channel partner

Spares coils

Magnetic coils for 3RT2 (S0, S2, S3)



Size	AC Coil					Universal Coil (AC/DC)				
	Contactor type	Rated control supply voltage U_s at 50/60 Hz V AC	Type	Unit LP ₹	Std. pkg. (nos.)	Contactor type	Rated control supply voltage U_s V DC	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT20 23 3RT20 24 3RT20 25	24V	3RT2924-5AC21	1920.-	1					
		110V	3RT2924-5AG21		1					
		230V	3RT2924-5AL21		1					
		400V, 50Hz	3RT2924-5AV01		1					
	3RT20 26 3RT20 27 3RT20 28 3RT23 25 3RT23 26 3RT25 26	24V	3RT2926-5AC21		1					
		110V	3RT2926-5AG21		1					
		230V	3RT2926-5AL21		1					
		400V, 50Hz	3RT2926-5AV01		1					
S2	3RT20 3 3RT23 3 3RT25 3	24V	3RT2934-5AC21	8605.-	1	3RT20 3 3RT23 3 3RT25 3	20 ... 33	3RT2934-5NB31	10890.-	1
		110V	3RT2934-5AG21		1		83 ... 155	3RT2934-5NF31		1
		230V	3RT2934-5AL21		1		175 ... 280	3RT2934-5NP31		1
S3	3RT20 4 3RT23 4 3RT25 4 3RT24 4	24V	3RT2944-5AB01	9020.-	1	3RT20 4 3RT23 4 3RT25 4 3RT24 4	20 ... 33	3RT2944-5NB31	12260.-	1
		110V	3RT2944-5AF01		1		83 ... 155	3RT2944-5NF31		1
		230V	3RT2944-5AP01		1		175 ... 280	3RT2944-5NP31		1

For 24 V DC PLC output/PLC relay output, with remaining lifetime indicator (RLT) [Withdrawable coil with lateral solid-state module]

Size	AC Coil				
	Contactor type	Rated control supply voltage U_s at 40 to 60Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT10 5 3RT14 5	96...127V AC/DC	3RT1955-5PF31	58280.-	1
		200...277V AC/DC	3RT1955-5PP31	58280.-	1
S10	3RT10 6 3RT14 6	96...127V AC/DC	3RT1965-5PF31	73315.-	1
		200...277V AC/DC	3RT1965-5PP31	73315.-	1
S12	3RT10 7 3RT14 7	96...127V AC/DC	3RT1975-5PF31	97790.-	1
		200...277V AC/DC	3RT1975-5PP31	97790.-	1

Arc Chambers for 3RT10 / 3RT14

Size	Contactor type	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT10 54	Arc chutes 3-pole	3RT1954-7A	9440.-	1
	3RT10 55		3RT1955-7A	10680.-	1
	3RT10 56		3RT1956-7A	11780.-	1
S10	3RT10 64		3RT1964-7A	12080.-	1
	3RT10 65		3RT1965-7A	13025.-	1
	3RT10 66		3RT1966-7A	13445.-	1
S12	3RT10 75		3RT1975-7A	15130.-	1
	3RT10 76		3RT1976-7A	15580.-	1
S6	3RT14 56 [1)]		3RT1956-7B	15650.-	1
S10	3RT14 66 [1)]		3RT1966-7B	18270.-	1
S12	3RT14 76 [1)]		3RT1976-7B	21600.-	1

1) For 3RT14 AC-1 duty power contactors

Adaptor plates

Description (Adaptor plates for using in place of 3TF/3TR contactors)	Type	Unit LP ₹	MOQ
3RT10/3RT20 15/16/17 replacing 3TF/3TR 30/31	3TX80120A	410.-	5
3RT10/3RT20 25/26 replacing 3TF/3TR 32/33	3TX80250A	600.-	5
3RT10 34/35 replacing 3TF/3TR 34/35	3TX80400A	815.-	5
3RT10 36 replacing 3TF/3TR 46	3TX80500A	980.-	5
3RT10 44/45 replacing 3TF/3TR 47 / 3TF 477	3TX80800A	1955.-	1
3RT10 45/46 replacing 3TF/3TR 48/49	3TX80950A	2000.-	1
3RT10 56 replacing 3TF/3TR 52	3TX81850A	3500.-	1
3RT10 64 replacing 3TF/3TR 53	3TX82250A	3720.-	1

To replace existing contactor of any other brand please contact nearest sales office.

LP - List Price

Contacts with fixing parts

For 3RT20 & 3RT10, 3 pole power contactors
1 set = 3 moving and 6 fixed switching contacts with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT20 36	**3RT2936-6A**	**17370.-**	**1**
	3RT20 37	**3RT2937-6A**	**23115.-**	**1**
	3RT20 38	**3RT2938-6A**	**30865.-**	**1**
S3	3RT20 46	**3RT2946-6A**	**31300.-**	**1**
	3RT20 47	**3RT2947-6A**	**42340.-**	**1**
S6	3RT10 54	**3RT1954-6A**	**47965.-**	**1**
	3RT10 55	**3RT1955-6A**	**60195.-**	**1**
	3RT10 56	**3RT1956-6A**	**76660.-**	**1**
S10	3RT10 64	**3RT1964-6A**	**86880.-**	**1**
	3RT10 65	**3RT1965-6A**	**97060.-**	**1**
	3RT10 66	**3RT1966-6A**	**114490.-**	**1**
S12	3RT10 75	**3RT1975-6A**	**151165.-**	**1**
	3RT10 76	**3RT1976-6A**	**194130.-**	**1**

For 3RT24/14 AC-1 duty power contactors
1 set = 3 movable and 6 fixed switching elements with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT24 46	**3RT2946-6D**	**71800.-**	**1**
S6	3RT14 56	**3RT1956-6D**	**116490.-**	**1**
S10	3RT14 66	**3RT1966-6D**	**181390.-**	**1**
S12	3RT14 76	**3RT1976-6D**	**232900.-**	**1**

For 3RT23, 4 pole AC-1 duty contactors
1 set = 4 movable and 8 fixed switching elements with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT23 36	**3RT2936-6E**	**21310.-**	**1**
	3RT23 37	**3RT2937-6E**	**24540.-**	**1**

Spares for 3RT12 Vacuum Contactors

For contactor		Type	Unit LP ₹	Std. pkg. (nos.)
Spare coils				
3RT126	[4]	**3RT1966-5A..1**	**29645.-**	**1**
3RT127	23 ... 26 380 ... 420 110 ... 127 220 ... 240	**3RT1975-5AB31** **3RT1975-5AV31** **3RT1975-5AF318K** **3RT1975-5AP318K**	**35965.-**	**1**
Solid state operating mechanism				
3RT126	96 ... 127V AC/DC 200 ... 277V AC/DC	**3RT1966-5NF31** **3RT1966-5NP31**	**38245.-**	**1** **1**
3RT127	200 ... 277V AC/DC	**3RT1975-5NP31**	**50930.-**	**1**
Spare vacuum bottles (set of 3)				
3RT1264 3RT1265 3RT1266		**3RT1964-6V** **3RT1965-6V** **3RT1966-6V**	**191885.-** **221585.-** **270325.-**	**1** **1** **1**
3RT1275 3RT1276		**3RT1975-6V** **3RT1976-6V**	**326670.-** **393180.-**	**1** **1**

[4] Coil voltage (AC/DC) - Please enter coil codes from table below

Code	B3	F3	P3	V3
Coil voltage (V)	23-26	110-127	220-240	380-420



Contactor Relays - SICONT Plus 3TH3

Contactor size	Rated current (A) Ie AC15 at 230V	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
		Aux. contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Aux. contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
0	10	4NO $	■ 3TH3040-0A..	4445.-	1	4NO $	3TH3040-0B..	6305.-	1
		3NO + 1NC $	■ 3TH3031-0A..		1	3NO + 1NC $	■ 3TH3031-0B..		1
		2NO + 2NC $	■ 3TH3022-0A..		1	2NO + 2NC $	■ 3TH3022-0B..		1

Power Contactors - SICOP 3TF

Size	Rated current (A) Ie AC3 up to 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
0	9	4	1NO $	■ 3TF3010-0A..	3890.-	1	1NO $	■ 3TF3010-0B..	7115.-	1
			1NC $	■ 3TF3001-0A..	3890.-		1NC $	■ 3TF3001-0B..	7115.-	
	12	5.5	1NO $	■ 3TF3110-0A..	4355.-	1	1NO $	■ 3TF3110-0B..	7550.-	1
			1NC $	■ 3TF3101-0A..	4355.-		1NC $	■ 3TF3101-0B..	7550.-	
1	16	7.5	–$	■ 3TF3200-0A..	4620.-	1	–$	■ 3TF3200-0B..	8760.-	1
	22	11	–$	■ 3TF3300-0A..	6175.-	1	–$	■ 3TF3300-0B..	11815.-	1
2	32	15	–$	■ 3TF3400-0A..	14165.-	1	–$	■ 3TF3400-0B..	27385.-	1
	38	18.5	–$	■ 3TF3500-0A..	20545.-	1	–$	■ 3TF3500-0B..	32460.-	1
	40	18.5	–$	■ 3TF3500-0A..ZT00^	20850.-	1	–$	■ 3TF3500-0B..ZT00^	32760.-	1

Size	Rated current (A) Ie AC3 up to 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
3	45	22	2NO + 2NC $	■ 3TF4602-0A..ZA01@	28355.-	1
	63	30	2NO + 2NC $	■ 3TF4702-0A..ZA01@	40285.-	1
	65	30	2NO + 2NC $	■ 3TF4702-0A..ZT00^	40550.-	1
	70	37	2NO + 2NC $	■ 3TF4772-0A..	43145.-	1
4	75	42	2NO + 2NC $	■ 3TF4822-0A..ZA01@	51605.-	1
	85	45	2NO + 2NC $	■ 3TF4922-0A..ZA01@	64320.-	1
6	110	55	2NO + 2NC $	■ 3TF5002-0A..	76975.-	1
	140	75	2NO + 2NC $	■ 3TF5102-0A..	101515.-	1
8	170	90	2NO + 2NC $	■ 3TF5202-0A..	125730.-	1
	205	110	2NO + 2NC $	■ 3TF5302-0A..	136340.-	1
10	250	132	2NO + 2NC $	■ 3TF5402-0A..	166020.-	1
	300	160	2NO + 2NC $	■ 3TF5502-0A..	205525.-	1
12	400	200	2NO + 2NC $	■ 3TF5602-0A..	241015.-	1

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TF30 to 35 & 3TH30	1NO	■ 3TX4010-2A	600.-	10
	1NC	■ 3TX4001-2A	600.-	10
	1NO (Extd)	■ 3TX4010-4A	930.-	10
	1NC (Extd)	■ 3TX4001-4A	930.-	10
3TF46 to 3TF56	Second 1NO+1NC Left	■ 3TY7561-1KA008K	2525.-	1
	Second 1NO+1NC Right			

@ **For box type (SIGUT) terminals, order 2 nos 3TX7460-0E, LP ₹ 1385.- each.**

$ For more aux. contacts, pl. see table above.

^ B0, F0, P0 and B4 coil voltage only available

Note: DC Coil - 3TF4/5 has been dicontinued. 3RT Contactors (Page No. 6-7) recommended

Size	Rated current (A) Ie AC3 up to 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
14	630	355	4NO + 4NC	3TF6844-0C..	refer page no. 10	1	3NO + 3NC	3TF6833-1D..[1)]	refer page no. 10	1
	820	450	4NO + 4NC	3TF6944-0C..		1	3NO + 3NC	3TF6933-1D..[1)]		1

1) LP includes control contactor

AC 50Hz coil code: 3TF30 to 3TF56, 3TH3

Coil voltage (V)	24	■ 110	■ 230	■ 415
Code	B0	F0	P0	R0

Wide band AC 50 Hz coil code: 3TF30 to 3TF35

Coil voltage (V)	70-140	150-280	260-460
Code	W110	W220	W415

AC 50/60 Hz coil code: 3TF68/69

Coil voltage (V)	110-132	■ 220-240	380-460
Code	F7	M7	Q7

DC coil code: 3TF30 to 3TF35, 3TF68/69, 3TH3

Coil voltage (V)	■ 24	110	220
Code	B4	F4	M4

Extra LP per unit for non-std coils B0 / M0# / U0# (AC), DC and wide band

for 3TH, 3TF30 to 33	755.-	for 3TF34 to 49	895.-	for 3TF50 to 56	2330.-
Wide band coil for 3TH, 3TF30 to 33	755.-	Wide band coil for 3TF34/35	895.-		

For any non-standard coil or contactor with non standard coil, minimum order quantity should be 100 nos. or minimum order value of ₹1,00,000/- per item.

For non-standard coil voltages not mentioned above, pl. check with Siemens.

M0: 220V AC, U0: 240V AC

■ **Stock items**

Please order in multiples of standard packing.

LP - List Price

2 Pole DC Contactors - 3TC



For DC loads
with AC coil, 2NO+2NC aux. contacts

Contactor size	Rated current Ie (A) DC3/5	Type[2)]	Unit LP ₹	Std. pkg. (nos.)
2	32	3TC4417-0B..	63485.-	1
4	75	3TC4817-0B..	316020.-	1
8	220	3TC5217-0B..	532020.-	1
12	400	3TC5617-0B..	908540.-	1

[2)] AC coil voltage - Please enter coil codes from table below

Code	F0	U0
Coil voltage (V) (50Hz)	110	240

with DC coil, 2NO + 2NC aux. contacts

Contactor size	Rated current Ie (A) DC3/5	Type[3)]	Unit LP ₹	Std. pkg. (nos.)
2	32	3TC4417-0A..	87605.-	1
4	75	3TC4817-0A..	380640.-	1
8	220	3TC5217-0A..	654030.-	1
12	400	3TC5617-0A..	1207280.-	1

[3)] DC coil voltage - Please enter coil codes from table below

Code	B4	F4	M4
Coil voltage (V)	24	110	220

Accessories for SICOP / SICONT Plus

Interlocking kit for two 3TF contactors
(inclusive of base plate and interlocking mechanism)

Contactor type	Type	Unit LP ₹	Std. pkg. (kits)
3TF30-35	■ 3TX4091-1A#	1895.-	10
3TF46/47/47-7	■ 3TX7466-1YA0	6715.-	2
3TF48/49	■ 3TX7486-1YA0	10945.-	2
3TF50/51	■ 3TX7506-1YA0	12295.-	2
3TF52/53	■ 3TX7526-1YA0	14070.-	2
3TF54/55	■ 3TX7546-1YA0	16945.-	2
3TF56/57	■ 3TX7566-1YA0	18095.-	2
3TF50/52	3TX7526-1YA09	14070.-	2
3TF52/54	■ 3TX7546-1YA09	16945.-	2

Note: Higher rating upon enquiry # W/o base plate (not required)

Coil voltage		Type	Unit LP ₹	Std. pkg. (nos.)
AC	DC			
Surge suppressor (varistor) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	■ 3TX7402-3GY1	1715.-	10
48 - 127V	70 - 150V	■ 3TX7402-3HY1	1715.-	10
127 - 240V	150 - 250V	■ 3TX7402-3JY1	1715.-	10
240 - 400V	—	3TX7402-3KY1	2210.-	10
400 - 600V	—	3TX7402-3LY1	2210.-	10
Surge suppressor (RC unit) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	3TX7402-3RY2	2735.-	10
48 - 127V	70 - 150V	3TX7402-3SY2	2735.-	10
127 - 240V	150 - 250V	3TX7402-3TY2	2735.-	10
240 - 400V	—	3TX7402-3UY2	2735.-	10
400 - 600V	—	3TX7402-3VY2	2735.-	10
Surge suppressor (varistor) for 3TF46-56				
Less than 48V	24 - 70V	■ 3TX7462-3GY1	2360.-	10
48 - 127V	70 - 150V	■ 3TX7462-3HY1	2360.-	10
127 - 240V	150 - 250V	■ 3TX7462-3JY1	2360.-	10
240 - 400V	—	3TX7462-3KY1	2495.-	10
400 - 600V	—	3TX7462-3LY1	2495.-	10



Spares for SICOP and SICONT^{Plus} Contactors

SICOP main contact kits (set of 6 fixed & 3 moving contacts)

For Contactor (AC3 Rating)	Type	LP per set ₹	Std. pkg. (nos.)
3TF32/42 (16A)	■ 3TY7420-0A	3915.-	1
3TF33/43 (22A)	■ 3TY7430-0A	5470.-	1
3TF34 (32A)	■ 3TY7340-0C	10510.-	1
3TF35 (38A)	■ 3TY7350-0C	16000.-	1
3TF44 (32A)	■ 3TY7440-0A	11610.-	1
3TF45 (38A)	■ 3TY7450-0A	16000.-	1
3TF46 (45A)	■ 3TY7460-0YA	17175.-	1
3TF47 (63A)	■ 3TY7470-0YA	25020.-	1
3TF477 (70A)	■ 3TY7477-0YA	29020.-	1
3TF48 (75A)	■ 3TY7480-0A	33370.-	1
3TF49 (85A)	■ 3TY7490-0A	44700.-	1
3TF50 (110A)	■ 3TY7500-0YA	48765.-	1
3TF51 (140A)	■ 3TY7510-0YA	61350.-	1
3TF52 (170A)	■ 3TY7520-0YA	77070.-	1
3TF53 (205A)	■ 3TY7530-0YA	82240.-	1
3TF54 (250A)	■ 3TY7540-0YA	98895.-	1
3TF55 (300A)	■ 3TY7550-0YA	116275.-	1
3TF56 (400A)	■ 3TY7560-0YA	153865.-	1
3TF68 (630A)	3TY7680-0B$	1042020.-	1
3TF69 (820A)	3TY7690-0B$	1674240.-	1

$ Set of 3x vacuum bottles.

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TF46-56	1NO + 1NC (Extd) Right	3TY7561-1E	3250.-	1
3TF46 to 3TF56	Built-in, 1NO+1NC Left / Right	3TY7561-1AA00-8K	2525.-	1
	Add-on, Second 1NO+1NC Left / Right	3TY7561-1KA00-8K	2525.-	1

DC coils

For contactor	Type†	Unit LP ₹	Std.pkg. (nos.)
		For 24/110/ 220V	
3TH3, 3TF30-33/42/43	■ 3TY4803-0B..	2935.-	1
3TF34/35	3TY7443-0B..	4385.-	1
3TF68	3TY7683-0D..	LP on request	1

† Pl. add coil voltage code from table on page no. 35.

24V, 110V, 220V are stock items only for 3TH3/3TF30/31/32/33

SICOP arc chambers

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
3TF34	3TY7342-0C	1735.-	1
3TF35	3TY7352-0C	1835.-	1
3TF46	3TY7462-0YA	3595.-	1
3TF47	3TY7472-0YA	4385.-	1
3TF477	3TY7477-0YD	5300.-	1
3TF48	3TY7482-0A	6390.-	1
3TF49	3TY7492-0A	7370.-	1
3TF50	3TY7502-0YA	8750.-	1
3TF51	3TY7512-0YA	9970.-	1
3TF52	3TY7522-0YA	10940.-	1
3TF53	3TY7532-0YA	11280.-	1
3TF54	3TY7542-0YA	12150.-	1
3TF55	3TY7552-0YA	12515.-	1
3TF56	3TY7562-0YA	14110.-	1

AC coils (50 Hz)

For contactor	Type†	Unit LP ₹		Std. pkg. (nos.)
		For 110/230/ 415V 50Hz	For all other coil voltages	
3TH3, 3TF30-33/42/43	■ 3TY7403-0A..	2160.-	2450.-	1
3TF34/35/44/45	■ 3TY7443-0A..	2660.-	3445.-	1
3TF46/47/477	■ 3TY7463-0A..	4615.-	5370.-	1
3TF48/49	■ 3TY7483-0A..	8420.-	9210.-	1
3TF50/51	■ 3TY7503-0A..	8575.-	10660.-	1
3TF52/53	■ 3TY7523-0A..	10860.-	12935.-	1
3TF54/55	■ 3TY7543-0A..	13140.-	15220.-	1
3TF56	■ 3TY7563-0A..	19085.-	23255.-	1
3TF68	3TY7683-0C..	144340.-	NA	1
3TF69	3TY7693-0C..	LP on request	NA	1

† Pl. add coil voltage code from table on page no. 35.

110V, 230V, 415V are stock items for 3TH, 3TF30-56

24V is stock item only for 3TH30/3TF30/31/32/33

** Available till stock last

■ **Stock items**

LP - List Price

Connector

The 3TS90 **connector** is used to mount the motor protection circuit breaker 3VS on the contactor 3TF with screw terminals. It enables mechanical and electrical connection between contactor and motor starter protection circuit breaker.





Range:

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current Rating	Type	AC3 Current Rating			
3VS13	0.16 to 20A	**3TF30/31**	9 / 12 A	**3TS9001-8K**	**880.-**	**1**
3VS13	6 to 25A	**3TF32/33**	16 / 22A	**3TS9002-8K**	**1060.-**	**1**

Benefits:

1) Direct mounting of 3VS MPCB on 3TF
2) Secure poor connections
3) Reduced feeder size and assemble time

Spares for 3TC Contactors

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Set of main contacts	3TC44	**3TY2440-0A**	**20945.-**	**1**
	3TC48	**3TY2480-0A**	**51290.-**	**1**
	3TC52	**3TY2520-0A**	**145415.-**	**1**
	3TC56	**3TY2560-0A**	**288390.-**	**1**
AC coils[1] (50 Hz)	3TC44	**3TY7403-0A..**	**2160.-**	**1**
	3TC52	**3TY6523-0A..**	**36890.-**	**1**
DC coils[2]	3TC44	**3TY6443-0B..**	**37800.-**	**1**
	3TC48	**3TY6483-0B..**	**64450.-**	**1**
	3TC52	**3TY6523-0B..**	**159380.-**	**1**
	3TC56	**3TY6563-0B..**	**221340.-**	**1**
Arc chambers	3TC44	**3TY2442-0A**	**20520.-**	**1**
	3TC48	**3TY2482-0A**	**37230.-**	**1**
	3TC52	**3TY2522-0A**	**57955.-**	**1**
	3TC56	**3TY2562-0A**	**117155.-**	**1**
Auxiliary contacts 1st 1NO + 1NC Left/Right 2nd 1NO + 1NC Left	3TC44/48	**3TY6501-1AA00**	**9335.-**	**1**
	3TC48	**3TY6501-1K**		**1**
2nd 1NO + 1NC Right	3TC48	**3TY6501-1L**		**1**

[1] AC coil voltage - Please enter coil codes from table below

Code	B0	F0	U0	R0
Coil voltage (50 Hz)	24	110	240	415[$]

$ Only for 3TC 44

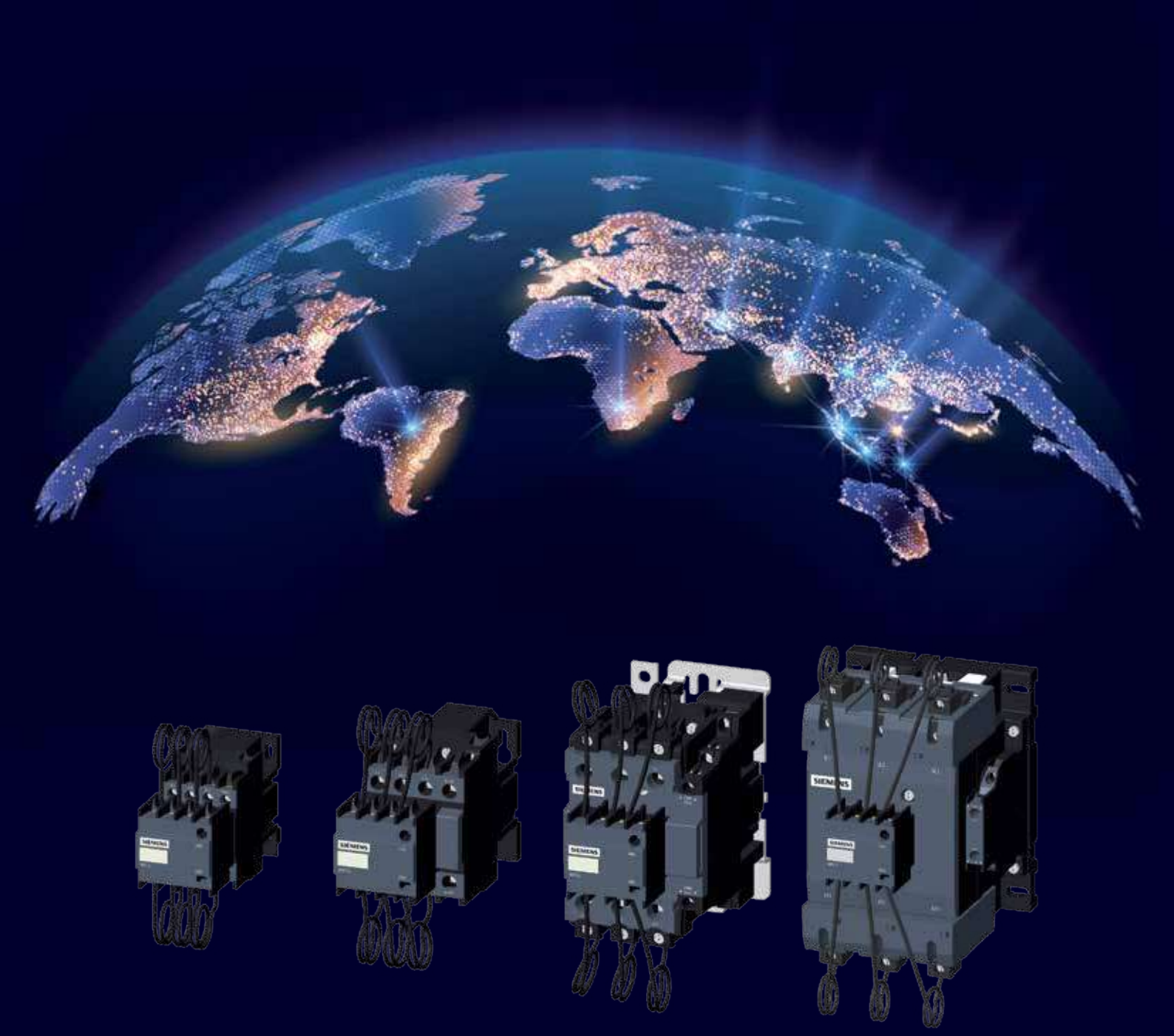
[2] DC coil voltage - Please enter coil codes from table below

Code	B4	F4	M4
Coil voltage	24	110	220



■ **Stock items**

Please order in multiples of standard packing.



SINOPLUS 3MT7

Capacitor Duty Contactors

Reliable Switching

SIEMENS

3MT7 Capacitor Duty Contactors

NEW

Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.

Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.

Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	4865.-	1NC	3MT70002JA016A..	4865.-	1
NEW 5kvar	1NO	3MT70005JA106A..	5390.-	1NC	3MT70005JA016A..	5390.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	6180.-	2NC	3MT70007JA026A..	6180.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	7385.-	2NC	3MT70010JA026A..	7385.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	7550.-	2NC	3MT70012JA026A..	7550.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	9995.-	2NC	3MT70016JA026A..	9995.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	11580.-	2NC	3MT70020JA026A..	11580.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	13275.-	2NC	3MT70025JA026A..	13275.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	20120.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	32475.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	36500.-				1
60kvar	1NO+2NC	3MT70060JA126A..	40405.-				1
80kvar	1NO+2NC	3MT70080JA126A..	49600.-				1
100kvar	1NO+2NC	3MT70100JA126A..	51550.-				1

@ Please enter coil codes from table below

Coil for Contactors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type@	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	1460.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1715.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	4430.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	4830.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	1085.-	10
2NC	3MT70200CL09M1A	1085.-	10

3TS Converter duty Contactors

Features

- Offers one of the highest AC-1 rating in given size
- Arc chamber interlock
- SIGUT Termination technique
- Compact Dimensions
- Screw mounting
- Double break parallel bridge auxiliary contacts

Applications

- VFD, Soft Starters applications
- UPS
- Solar and Wind inverters
- Resistive loads
- Battery charging
- Neutral switching



Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil		
		Type	Unit LP ₹	Std. pkg. (nos.)
3	100	3TS4822-0A..1-8K	26450.-	1
4	145	3TS5022-0A..1-8K	46075.-	1
6	200	3TS5122-0A..1-8K	62040.-	1
6	225	3TS5222-0A..1-8K	71965.-	1
8	275	3TS5322-0A..1-8K	102245.-	1
8	325	3TS5422-0A..1-8K	115590.-	1
10	400	3TS5522-0A..1-8K	130770.-	1
12	525	3TS5622-0A..1-8K	179030.-	1

*** for 3TS48-3TF56**

	AC Coil (50Hz)	
Code	F0	P0
Coil voltage (V)	110	230

3TS 2 Pole Contactors



Benefits:

- Ease of wiring (can avoid use of lugs)
- Operator Safety (contactor cannot be switched-on if arc chamber is not fitted properly)
- Flexible mounting
- Space saving
- Unmatched contact reliability (ensures reliable contact at low voltage & low currents)

Standards:

3TS contactors conform to IS 13947 and IEC 60947. They also carry CE mark.

Application:

- Single Phase Pumps
- HVAC
- ESP
- Lighting

Rated current (A) Ie AC3 up to 415V	Auxiliary contacts	Type#	Unit LP ₹	Std. pkg. (nos.)
9	1NO	3TS3010-0A..2-8K	2340.-	1
12	1NO	3TS3110-0A..2-8K	2605.-	1
18	1NO	3TS3210-0A..2-8K	3020.-	1
25	-	3TS3300-0A..2-8K	3740.-	1
32	-	3TS3400-0A..2-8K	8220.-	1
40	-	3TS3500-0A..2-8K	11735.-	1
50	-	3TS3600-0A..2-8K	14930.-	1
65	2NO+2NC	3TS4722-0A..2-8K	22430.-	1
75	2NO+2NC	3TS4822-0A..2-8K	26450.-	1
85	2NO+2NC	3TS4922-0A..2-8K	30785.-	1
105	2NO+2NC	3TS5022-0A..2-8K	40550.-	1
140	2NO+2NC	3TS5122-0A..2-8K	49280.-	1
160	2NO+2NC	3TS5222-0A..2-8K	67015.-	1
205	2NO+2NC	3TS5322-0A..2-8K	73835.-	1
250	2NO+2NC	3TS5422-0A..2-8K	84780.-	1
300	2NO+2NC	3TS5522-0A..2-8K	106975.-	1
400	2NO+2NC	3TS5622-0A..2-8K	138360.-	1

#Coil voltage (V AC 50Hz)	110 V AC	230 V AC	415V AC
Code	F0	P0	R0

Spares for 3TS Contactors

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
3TS48	Spare main contact kits	3TS9148-01-8K	19995.-	1
3TS50		3TS9150-01-8K	35665.-	1
3TS51		3TS9151-01-8K	48510.-	1
3TS52		3TS9152-01-8K	54240.-	1
3TS53		3TS9153-01-8K	77005.-	1
3TS54		3TS9154-01-8K	85585.-	1
3TS55		3TS9155-01-8K	94140.-	1
3TS56		3TS9156-01-8K	125545.-	1

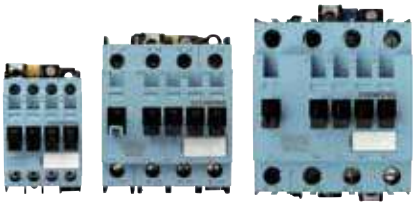
Spare coils

	AC Coil*	Unit LP ₹
3TS48	3TY7463-0A..	4615.-
3TS50	3TY7483-0A..	8420.-
3TS51/52	3TY7503-0A..	8575.-
3TS53/54	3TY7523-0A..	10860.-
3TS55	3TY7543-0A..	13140.-
3TS56	3TY7563-0A..	19085.-



SIEMENS

3TS 4 Pole Contactors
for Power Applications



Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil[1)]	Unit LP ₹		DC Coil[1)]	Unit LP ₹	
			Standard Coil	Electronic Coil		Standard Coil	Electronic Coil
Size 0	18A	3TS3100-0A..4-8K	3750.-		3TS3100-0B..4-8K	7430.-	
Size 0	25A	3TS3200-0A..4-8K	3960.-		3TS3200-0B..4-8K	8420.-	
Size 1	35A	3TS3300-0A..4-8K	4465.-		3TS3300-0B..4-8K	9595.-	
Size 1	40A	3TS3400-0A..4-8K	5880.-		3TS3400-0B..4-8K	14190.-	
Size 2	45A	3TS3500-0A..4-8K	6890.-	8450.-	3TS3500-0B..4-8K		16340.-
Size 2	50A	3TS3600-0A..4-8K	7645.-	9270.-	3TS3600-0B..4-8K		20705.-
Size 2	65A	3TS3700-0A..4-8K	14995.-	16680.-	3TS3700-0B..4-8K		29130.-
Size 2	65A*	3TS3700-0A..4-8KA0	16925.-	18590.-	3TS3700-0B..4-8KA0		33410.-

1) Please add coil voltage code from table below

* 50A AC-3 rating

Size 0 & 1	Standard Coil				
	AC (50 Hz)			DC	
Code	F7	M7	R7	B4	E4
Coil Voltages	87...127 V	175...240 V	337...427 V	24 V	52..55V DC

Size 2	Standard Coil			Electronic Coil			
	AC (50 Hz)			AC (50 Hz)		DC	
Code	F0	P0	R0	F7	M7	B4	E4
Coil Voltages	110 V	230 V	415 V	81...136 V	137...273 V	24 V	52..55V DC

Accessories

Auxiliary Contact Block	Type	Unit LP ₹
1 NO	**3TX40 10-2A**	**600.-**
1 NC	**3TX40 01-2A**	**600.-**

Mechanical Interlock	Type	Unit LP ₹
Size 0 and Size 1	**3TX4091-1A**	**1895.-**
S2	**3TX4091-1A + 3TX4091-1G****	**1895.-** **500.-**

Surge Suppressor		Coil Voltage		Varistors		RC Element	
		AC	DC	Type	Unit LP ₹	Type	Unit LP ₹
Size 0 , Size 1 and Size 2	Standard Coil	24 - 48 V	24 - 70 V	**3TX7402-3GY1**	**1715.-**	**3TX7402-3RY2**	**2735.-**
		48 - 127V	70 - 150V	**3TX7402-3HY1**	**1715.-**	**3TX7402-3SY2**	
		127 - 240V	150 - 250V	**3TX7402-3JY1**	**1715.-**	**3TX7402-3TY2**	
		240 - 400V	–	**3TX7402-3KY1**	**2210.-**	**3TX7402-3UY2**	
Size 2	Electronic Coil	81-273V AC				**3TX7402-3PY2**	
			24-55V			**3TX7402-3QY2**	

**Used only when the contactors are DIN rail mounted. Refer catalog for more details

Main Contact Kits (set of 8 fixed and 4 moving contacts)

Contactor Size	Rated current Ie (A) AC1 at 415V	For Contactor	Type	Unit LP ₹
Size 1	35A	3TS3300	**3TS9133-0E**	**4780.-**
Size 1	40A	3TS3400	**3TS9134-0E**	**6750.-**
Size 2	45A	3TS3500	**3TS9135-0E**	**10255.-**
Size 2	50A	3TS3600	**3TS9136-0E**	**12085.-**
Size 2	65A	3TS3700	**3TS9137-0E**	**12100.-**
Size 2	65A*	3TS3700	**3TS9137-0A**	**17520.-**

* 50A AC-3 rating

Spare Coils

Contactor Size	Type[2)] AC	Unit LP ₹	Type[2)] DC	Unit LP ₹
Size 0	**3TS9231-0A..4-8K**	**2240.-**	**3TS9231-0B..4-8K**	**3055.-**
Size 1	**3TS9233-0A..4-8K**	**2400.-**	**3TS9233-0B..4-8K**	**3190.-**
Size 2	**3TS9235-0A..4-8K (Standard)**	**2660.-**		
Size 2	**3TS9235-0A..4-8K (Electronic)**	**3860.-**	**3TS9235-0B..4-8K (Electronic)**	**4570.-**

2) Please add voltage code from table in page no 42



3TS Single Pole LED Contactors

Siemens 3TS LED Contactors been designed keeping in mind the challenges in LED lamp switching applications and thus offers a highly reliable & safe solution to the customer

Available in

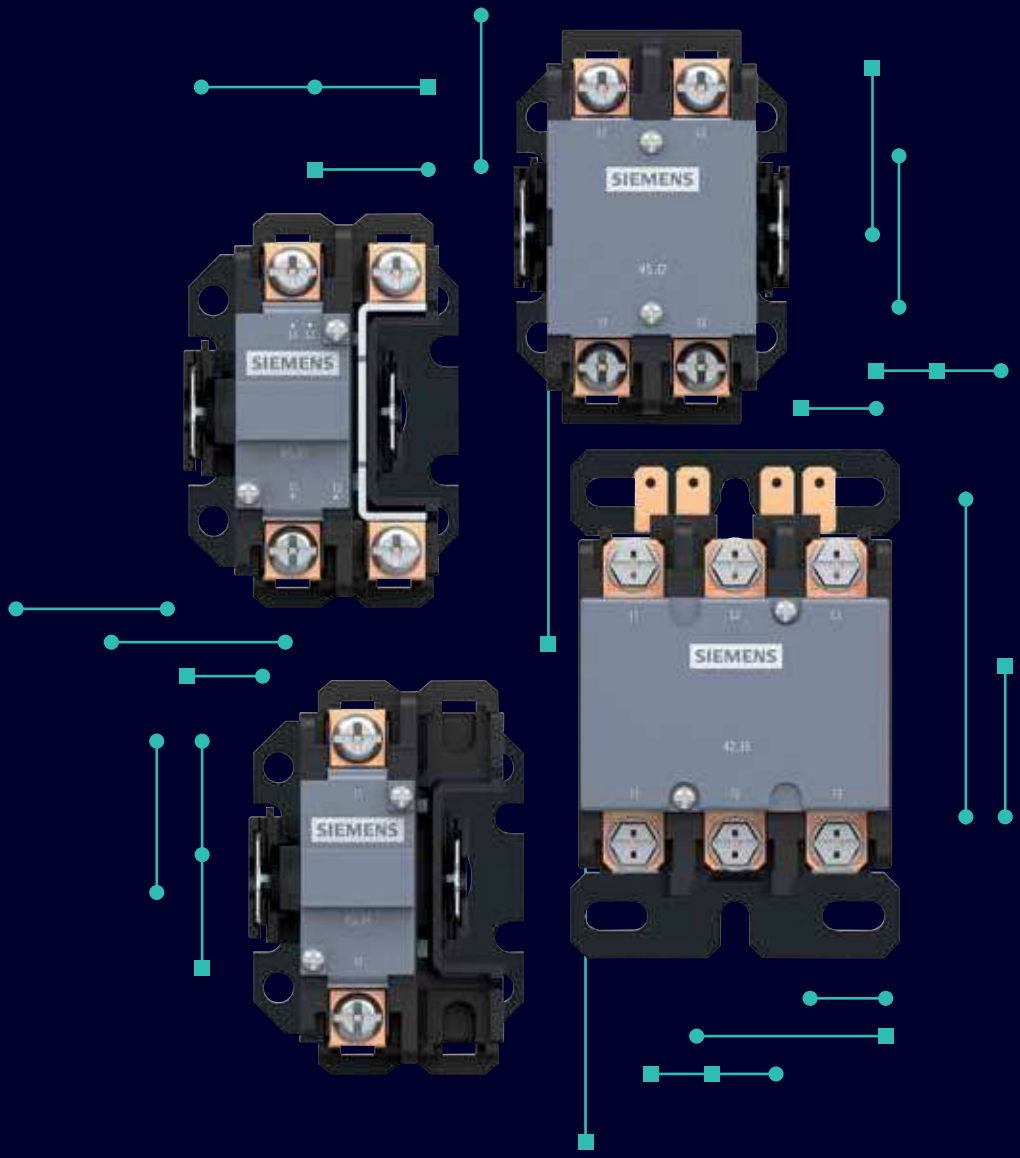
4000W - 3TS3210-0AM71-8K

8000W - 3TS3310-0AM71-8K

Price on request



Definite Purpose Contactors
45.J & 42.J



SIEMENS

Definite Purpose Contactors – 42.J & 45.J

Ordering data	AC 8a rating	Pan screw	Hex screw quad quick connect	Unit MRP ₹	Std pkg (nos)
1 Pole with shunt	25A ■	45CJ10A_B	45CJ10A_C	2450.-	1
	30A ■	45DJ10A_B	45DJ10A_C	2525.-	1
	40A	45EJ10A_B	45EJ10A_C	2610.-	1
1Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	2310.-	1
	30A ■	45DJ40A_B	45DJ40A_C	2390.-	1
	40A	45EJ40A_B	45EJ40A_C	2480.-	1



Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
2 Pole	20A ■	45BJ20A_D	45BJ20A_E	2935.-	1
	30A ■	45DJ20A_D	45DJ20A_E	2965.-	1
	40A ■	45EJ20A_D	45EJ20A_E	3055.-	1



Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
3 Pole	20A	42BJ35A_D	42BJ35A_E	3775.-	1
	25A	42CJ35A_D	42CJ35A_E	3835.-	1
	30A	42DJ35A_D	42DJ35A_E	3870.-	1
	40A ■	42EJ35A_D	42EJ35A_E	3955.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	4675.-	1
	25A	42CJ36A_D	42CJ36A_E	4730.-	1
	30A	42DJ36A_D	42DJ36A_E	4760.-	1
	40A ■	42EJ36A_D	42EJ36A_E	4855.-	1



Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	715.-	1
2 Pole contactor	75J29A_	865.-	1
3 Pole contactor	75J39A_	980.-	1

Please add coil code from table below

Coil Code	J	F	G	L	H	E	P
Voltage	24V AC, 50/60 Hz	120V AC, 60 Hz	240V AC, 50/60 Hz	277V AC, 60 Hz	480V AC, 60 Hz	145-180V AC, 50 Hz (available only for 1P & 2P versions)	170-240V AC, 50 Hz available for 1P & 2P

■ **Standard material**

Easy connecting & wiring

Switch to Spring Loaded Technology

Spring loaded connections are...

Strong **Flexible**



Fast **Safe**

SIEMENS

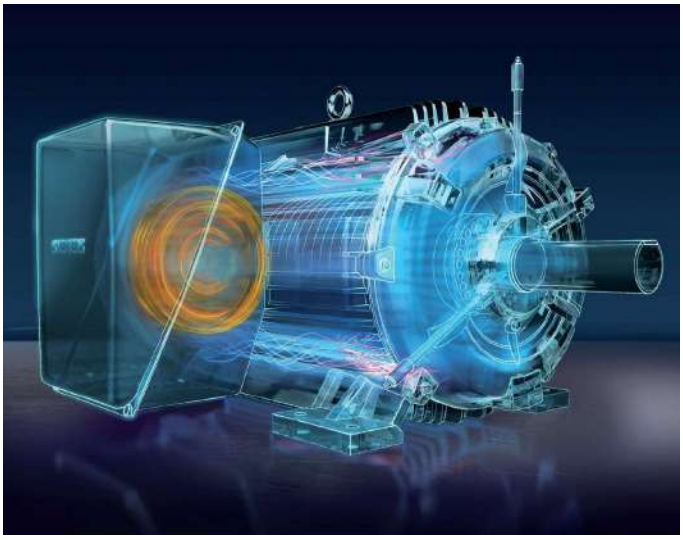
Without 8K Price : LP Eff. 05.11.2026



For contactor mounting - Class 10 - Screw Terminals

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Type*	Unit LP R	Std. pkg. (nos.)
S00	0.11 ... 0.16	3RU2116-0AB0	6395.-	1
	0.14 ... 0.2	3RU2116-0BB0		
	0.18 ... 0.25	3RU2116-0CB0		
	0.22 ... 0.32	3RU2116-0DB0		
	0.28 ... 0.4	3RU2116-0EB0		
	0.35 ... 0.5	3RU2116-0FB0		
	0.45 ... 0.63	3RU2116-0GB0	6485.-	
	0.55 ... 0.8	3RU2116-0HB0		
	0.7 ... 1	3RU2116-0JB0	6540.-	
	0.9 ... 1.25	3RU2116-0KB0		
	1.1 ... 1.6	3RU2116-1AB0		
	1.4 ... 2	3RU2116-1BB0		
	1.8 ... 2.5	3RU2116-1CB0		
	2.2 ... 3.2	3RU2116-1DB0		
	2.8 ... 4	3RU2116-1EB0		
	3.5 ... 5	3RU2116-1FB0		
	4.5 ... 6.3	3RU2116-1GB0		
	5.5 ... 8	3RU2116-1HB0		
	7 ... 10	3RU2116-1JB0	7020.-	
	9 ... 12.5	3RU2116-1KB0		
	11 ... 16	3RU2116-4AB0	7255.-	
S0	1.8 ... 2.5	3RU2126-1CB0	6720.-	1
	2.2 ... 3.2	3RU2126-1DB0		
	2.8 ... 4	3RU2126-1EB0		
	3.5 ... 5	3RU2126-1FB0		
	4.5 ... 6.3	3RU2126-1GB0		
	5.5 ... 8	3RU2126-1HB0		
	7 ... 10	3RU2126-1JB0	7145.-	
	9 ... 12.5	3RU2126-1KB0		
	11 ... 16	3RU2126-4AB0	7325.-	
	14 ... 20	3RU2126-4BB0	7400.-	
	17 ... 22	3RU2126-4CB0		
	20 ... 25	3RU2126-4DB0		
	23 ... 28	3RU2126-4NB0	12455.	
	27 ... 32	3RU2126-4EB0		
	30 ... 36	3RU2126-4PB0		
	34 ... 40	3RU2126-4FB0	12565.	

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Type*	Unit LP R	Std. pkg. (nos.)
S2	11 ... 16	3RU2136-4AB0	13550.-	1
	14 ... 20	3RU2136-4BB0		
	18 ... 25	3RU2136-4DB0		
	22 ... 32	3RU2136-4EB0		
	28 ... 40	3RU2136-4FB0		
	36 ... 45	3RU2136-4GB0	17090.-	
	40 ... 50	3RU2136-4HB0	18230.-	
	47 ... 57	3RU2136-4QB0	20490.-	
	54 ... 65	3RU2136-4JB0	22740.-	
	62 ... 73	3RU2136-4KB0	23430.-	
	70 ... 80	3RU2136-4RB0	24925.-	
S3	28 ... 40	3RU2146-4FB00	20575.-	1
	36 ... 50	3RU2146-4HB0		
	45 ... 63	3RU2146-4JB0	22860.-	
	57 ... 75	3RU2146-4KB0	23675.-	
	70 ... 90	3RU2146-4LB0	25105.-	
	80 ... 100	3RU2146-4MB0	31220.-	



Accessory for independent mounting

For size of relay	Relay type	Type	Unit LP R	Std. pkg. (nos.)
S00*	3RU21, 3RB30/31, 3RR21/22/24	3RU2916-3AA01	2035.-	1
S0*	3RU21, 3RB30/31, 3RR21/22/24	3RU2926-3AA01	2100.-	1
S2	3RU21, 3RB30/31, 3RR21/22/24	3RU2936-3AA01	3425.-	1
S3	3RU21/3RB30/3RB31	3RU2946-3AA01	4045.-	1



* To order terminal supports for overload relays with spring-type terminals replace 10th digit from 'A' to 'C' for S00, S0 only

Thermal Overload Relays - 3RU

NEW

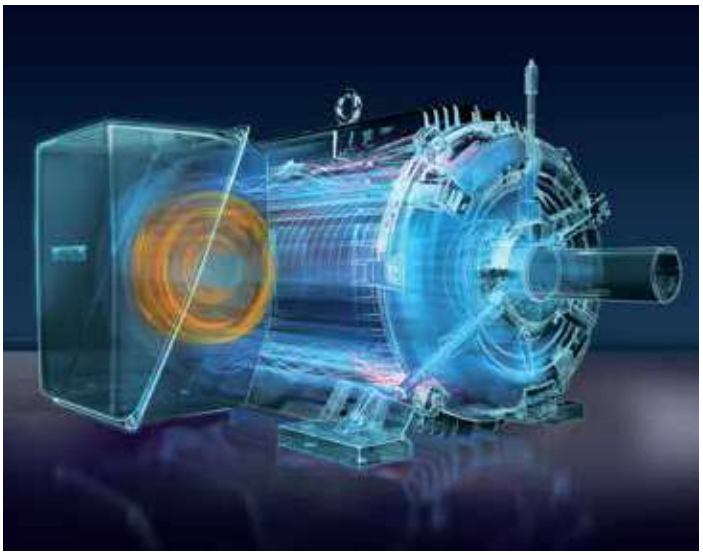


For contactor mounting - Class 10 - Screw Terminals

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	0.11 ... 0.16	3RU2116-0AB00-8K	5935.-	1
	0.14 ... 0.2	3RU2116-0BB00-8K		
	0.18 ... 0.25	3RU2116-0CB00-8K		
	0.22 ... 0.32	3RU2116-0DB00-8K		
	0.28 ... 0.4	3RU2116-0EB00-8K		
	0.35 ... 0.5	3RU2116-0FB00-8K		
	0.45 ... 0.63	3RU2116-0GB00-8K	5995.-	
	0.55 ... 0.8	3RU2116-0HB00-8K		
	0.7 ... 1	3RU2116-0JB00-8K	6060.-	
	0.9 ... 1.25	3RU2116-0KB00-8K		
	1.1 ... 1.6	3RU2116-1AB00-8K		
	1.4 ... 2	3RU2116-1BB00-8K		
	1.8 ... 2.5	3RU2116-1CB00-8K		
	2.2 ... 3.2	3RU2116-1DB00-8K		
	2.8 ... 4	3RU2116-1EB00-8K		
	3.5 ... 5	3RU2116-1FB00-8K		
	4.5 ... 6.3	3RU2116-1GB00-8K		
	5.5 ... 8	3RU2116-1HB00-8K		
	7 ... 10	3RU2116-1JB00-8K	6500.-	
	9 ... 12.5	3RU2116-1KB00-8K		
	11 ... 16	3RU2116-4AB00-8K	6720.-	
S0	1.8 ... 2.5	3RU2126-1CB00-8K	6210.-	1
	2.2 ... 3.2	3RU2126-1DB00-8K		
	2.8 ... 4	3RU2126-1EB00-8K		
	3.5 ... 5	3RU2126-1FB00-8K		
	4.5 ... 6.3	3RU2126-1GB00-8K		
	5.5 ... 8	3RU2126-1HB00-8K		
	7 ... 10	3RU2126-1JB00-8K	6605.-	
	9 ... 12.5	3RU2126-1KB00-8K		
	11 ... 16	3RU2126-4AB00-8K	6780.-	
	14 ... 20	3RU2126-4BB00-8K	6840.-	
	17 ... 22	3RU2126-4CB00-8K		
	20 ... 25	3RU2126-4DB00-8K		
	23 ... 28	3RU2126-4NB00-8K	11520.-	
	27 ... 32	3RU2126-4EB00-8K		
	30 ... 36	3RU2126-4PB00-8K		
	34 ... 40	3RU2126-4FB00-8K	11615.-	

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S2	11 ... 16	3RU2136-4AB00-8K	12530.-	1
	14 ... 20	3RU2136-4BB00-8K		
	18 ... 25	3RU2136-4DB00-8K		
	22 ... 32	3RU2136-4EB00-8K		
	28 ... 40	3RU2136-4FB00-8K		
	36 ... 45	3RU2136-4GB00-8K	15800.-	
	40 ... 50	3RU2136-4HB00-8K	16860.-	
	47 ... 57	3RU2136-4QB00-8K	18960.-	
	54 ... 65	3RU2136-4JB00-8K	21055.-	
	62 ... 73	3RU2136-4KB00-8K	21680.-	
	70 ... 80	3RU2136-4RB00-8K	23040.-	
S3	28 ... 40	3RU2146-4FB00-8K	19040.-	1
	36 ... 50	3RU2146-4HB00-8K		
	45 ... 63	3RU2146-4JB00-8K	21150.-	
	57 ... 75	3RU2146-4KB00-8K	21920.-	
	70 ... 90	3RU2146-4LB00-8K	23215.-	
	80 ... 100	3RU2146-4MB00-8K	28880.-	

* For ordering Overload Relays with spring type terminals, please get in touch with sales office (for S00, S0 size only)



Accessory for independent mounting

For size of relay	Relay type	Type	Unit LP ₹	Std. pkg. (nos.)
S00*	3RU21, 3RB30/31, 3RR21/22/24	3RU2916-3AA01	2035.-	1
S0*	3RU21, 3RB30/31, 3RR21/22/24	3RU2926-3AA01	2100.-	1
S2	3RU21, 3RB30/31, 3RR21/22/24	3RU2936-3AA01	3425.-	1
S3	3RU21/3RB30/3RB31	3RU2946-3AA01	4045.-	1



* To order terminal supports for overload relays with spring-type terminals, please get in touch with sales office

LP - List Price

Thermal Overload Relays - 3RU



Separate Mounting - Class 10

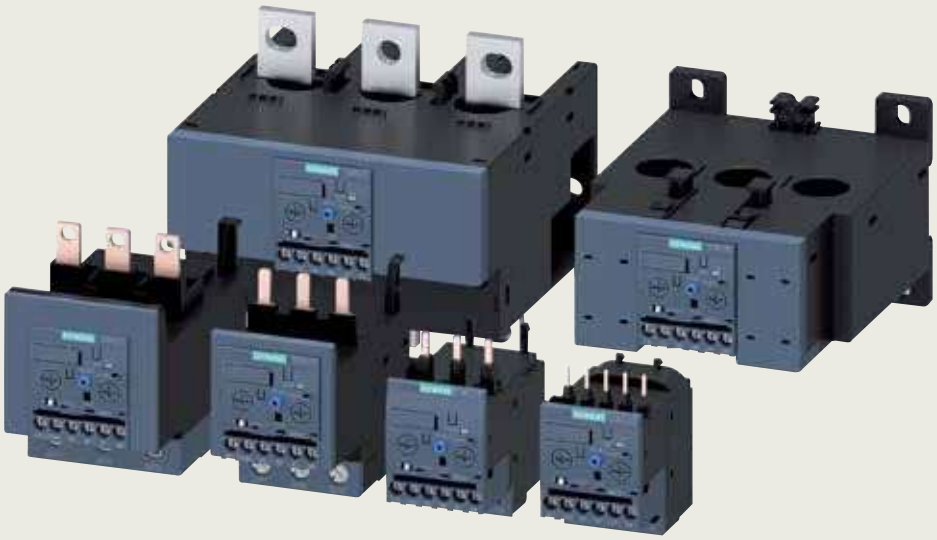
Size of relay / contactor	Rating for induction motor Rated value kW	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S6	45	70 - 100	3RU2156-5BB10-8K	26730.-	1
	55	90 - 125	3RU2156-5CB10-8K	28280.-	1
	75	110 - 160	3RU2156-5DB10-8K	28315.-	1
	110	140 - 200	3RU2156-5EB10-8K		1
	45	70 - 100	3RU2156-5BW10-8K$		1
	55	90 - 125	3RU2156-5CW10-8K$		1
	75	110 - 160	3RU2156-5DW10-8K$		1
	110	140 - 200	3RU2156-5EW10-8K$		1
S10	110	140 - 200	3RU2166-5EB10-8K	37820.-	1
	132	180 - 250	3RU2166-5FB10-8K		1
	160	220 - 320	3RU2166-5GB10-8K		1
S12	200	280 - 400	3RU2176-5HB10-8K	48140.-	1
	250	350 - 500	3RU2176-5JB10-8K	49045.-	1

Separate Mounting - Class 30

Size of relay / contactor	Rating for induction motor Rated value kW	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S6	37	55 - 80	3RU2356-5AB10-8K	48140.-	1
	45	70 - 100	3RU2356-5BB10-8K		1
	55	90 - 125	3RU2356-5CB10-8K		1
	37	55 - 80	3RU2356-5AW10-8K$		1
	45	70 - 100	3RU2356-5BW10-8K$		1
	55	90 - 125	3RU2356-5CW10-8K$		1
S10	75	110 - 160	3RU2366-5DB10-8K		1
	110	140 - 200	3RU2366-5EB10-8K		1
S12	132	180 - 250	3RU2376-5FB10-8K		1
	160	220 - 320	3RU2376-5GB10-8K		1

*** For heavy duty applications (starting time > 10s), it is recommended to use 3RU class 30 relays to avoid nuisance tripping and reliable protection.**
$ Range available with straight through transformer





Widest range electronic overload relays

Microprocessor based overload relay - 3RB

Size	Current setting range A	3RB (Class 10E) With overload, phase failure and phase unbalance protections		3RB (Class 20E) With overload, phase failure and phase unbalance protections		3RB (Class 5 to 30E – Settable) With overload, phase failure and phase unbalance and earth fault protection		Std. pkg. (nos.)
		Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹	
S00	0.1 ... 0.4	3RB3016-1RB0	15595.-	3RB3016-2RB0	19470.-	3RB3113-4RB0	32540.-	1
	0.32 ... 1.25	3RB3016-1NB0		3RB3016-2NB0		3RB3113-4NB0		1
	1 ... 4	3RB3016-1PB0		3RB3016-2PB0		3RB3113-4PB0		1
	3 ... 12	3RB3016-1SB0		3RB3016-2SB0		3RB3113-4SB0		1
	4 ... 16	3RB3016-1TB0		3RB3016-2TB0		3RB3113-4TB0		1
S0	0.1 ... 0.4	3RB3026-1RB0	18140.-	3RB3026-2RB0	22620.-	3RB3123-4RB0	34015.-	1
	0.32 ... 1.25	3RB3026-1NB0		3RB3026-2NB0		3RB3123-4NB0		1
	1 ... 4	3RB3026-1PB0		3RB3026-2PB0		3RB3123-4PB0		1
	3 ... 12	3RB3026-1SB0		3RB3026-2SB0		3RB3123-4SB0		1
	6 ... 25	3RB3026-1QB0		3RB3026-2QB0		3RB3123-4QB0		1
	10 ... 40	3RB3026-1VB0	18800.-	3RB3026-2VB0		3RB3123-4VB0		1
S2	12.5 ... 50	3RB3036-1UB0@	27485.-	3RB3036-2UB0@	34310.-	3RB3133-4UB0@	44400.-	1
	20 ... 80	3RB3036-1WB0@	41450.-	3RB3036-2WB0@	51845.-	3RB3133-4WB0@	57895.-	1
	12.5 ... 50	3RB3036-1UW1#	27485.-	3RB3036-2UW1#	34310.-	3RB3133-4UW1#	44400.-	1
	20 ... 80	3RB3036-1WW1#	41450.-	3RB3036-2WW1#	51845.-	3RB3133-4WW1#	57895.-	1
S3	12.5 ... 50	3RB3046-1UB0@	32610.-	3RB3046-2UB0@	40790.-	3RB3143-4UB0@	57930.-	1
	32 ... 115	3RB3046-1XB0@	42485.-	3RB3046-2XB0@	53370.-	3RB3143-4XB0@	59100.-	1
	12.5 ... 50	3RB3046-1UW1#	34915.-	3RB3046-2UW1#	43085.-	3RB3143-4UW1#	58850.-	1
	32 ... 115	3RB3046-1XW1#	42750.-	3RB3046-2XW1#	53370.-	3RB3143-4XW1#	59100.-	1
S6	50 ... 200	3RB2056-1FC2&	52225.-	3RB2056-2FC2&	65285.-	3RB2153-4FC2&	78150.-	1
S6	50 ... 200	3RB2056-1FW2$		3RB2056-2FW2$		3RB2153-4FW2$		1
S10/12	55 ... 250	3RB2066-1GC2&	56990.-	3RB2066-2GC2&	79320.-	3RB2163-4GC2&	79685.-	1
S10/12	160 ... 630	3RB2066-1MC2&	101405.-	3RB2066-2MC2&	126780.-	3RB2163-4MC2&	131310.-	1

* For size S00 & S0: To order relay with spring type terminals, please replace 10th digit from 'B' to 'E'

\# Devices with straight-through transformer for stand-alone installation

@ Devices with screw terminals for mounting onto contactor.

& Devices with busbar connection for mounting onto contactor or stand-alone installation.

$ Devices with straight-through transformer for mounting onto contactor with Box terminals or stand-alone installation.

LP - List Price

Accessories for 3RU2 Thermal overload relays and 3RB3 solid state overload relays

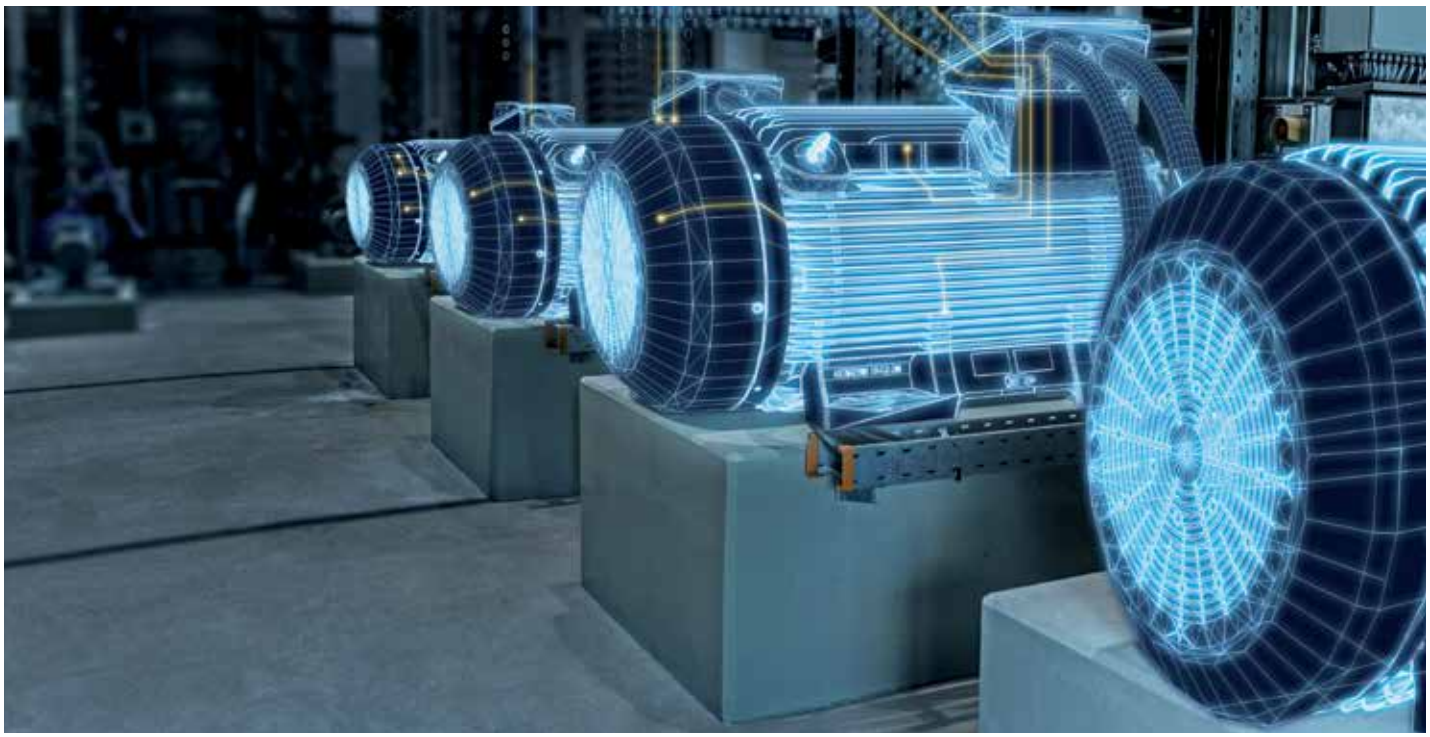
Accessory Type	Version	Size	3RU2 Thermal overload relay	3RB30/31 solid state overload relay	Type	Unit LP ₹	Std. pkg. (nos.)
Mechanical Reset	Resetting plungers, holders & formers	S00, S0, S6-S12	✓	X	3RU2900-1A	2330.-	1
	Resetting plungers, holders & formers		X	✓	3RB3980-0A	1315.-	1
	Pushbuttons with extended stroke (12 mm), IP65, Dia 22 mm		✓	✓	3SU1200-0FB10-0AA0	7770.-	1
	Extension plungers		✓	✓	3SU1900-0KG10-0AA0	720.-	1
Cable releases with holder for RESET	Length 400mm	S00, S0, S6-S12	✓	X	3RU2900-1B	6515.-	1
	Length 600mm		✓	X	3RU2900-1C		1
	Length 400mm		X	✓	3RB3980-0B	12665.-	1
	Length 600mm		X	✓	3RB3980-0C		
Module for remote reset, electrical	24 ... 30 V AC/DC	S00, S0, S6-S12	✓	X	3RU1900-2AB71	8185.-	1
	110 ... 127 V AC/DC		✓	X	3RU1900-2AF71		
	220 ... 250 V AC/DC		✓	X	3RU1900-2AM71		
Sealable covers for covering the setting knob	For 3RB30/3RB31	S00, S0, S6-S12	X	✓	3RB3984-0	6000.-	1
	For 3RU2 / 3RV2		✓	X	3RV2908-0P	325.-	10
Terminal Covers for busbar connections	Length 55 mm	S3			3RT1946-4EA1	2280.-	1
	Length 100 mm	S6	✓	✓	3RT1956-4EA1	4355.-	1
	Length 120 mm	S10, S12	✓	✓	3RT1966-4EA1	5730.-	1
Terminal Cover for Box Terminals	Length 20.6 mm	S2	✓	✓	3RT2936-4EA2	560.-	1
	Length 20.8 mm	S3	✓	✓	3RT2946-4EA2	1565.-	1
	Length 25 mm	S6	✓	✓	3RT1956-4EA2	2550.-	1
	Length 30 mm	S10/12	✓	✓	3RT1966-4EA2	4490.-	1











Thermal overload relays - 3UA / 3UC

Bimetal relay	Current type of mounting	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
3UA50	Contactor® mounting (3TF30/31)	0.1 – 0.16	3UA5000-0A	6110.-	1
		0.16 – 0.25	3UA5000-0C		
		0.25 – 0.4	■ 3UA5000-0E		
		0.4 – 0.63	■ 3UA5000-0G		
		0.63 – 1	■ 3UA5000-0J		
		0.8 – 1.25	■ 3UA5000-0K		
		1 – 1.6	■ 3UA5000-1A		
		1.25 – 2	■ 3UA5000-1B		
		1.6 – 2.5	■ 3UA5000-1C	6140.-	1
		2 – 3.2	■ 3UA5000-1D		
		2.5 – 4	■ 3UA5000-1E		
		3.2 – 5	■ 3UA5000-1F		
		4 – 6.3	■ 3UA5000-1G		
		5 – 8	■ 3UA5000-1H		
		6.3 – 10	■ 3UA5000-1J	6180.-	1
		8 – 12.5	■ 3UA5000-1K		1
		10 – 14.5	■ 3UA5000-2S		1
3UA52	Contactor® mounting (3TF32/33)	1 – 1.6	3UA5200-1A	6350.-	1
		1.25 – 2	3UA5200-1B		1
		1.6 – 2.5	3UA5200-1C		1
		2 – 3.2	3UA5200-1D		1
		2.5 – 4	3UA5200-1E		1
		3.2 – 5	3UA5200-1F		1
		4 – 6.3	■ 3UA5200-1G	6360.-	1
		5 – 8	■ 3UA5200-1H		1
		6.3 – 10	■ 3UA5200-1J		1
		8 – 12.5	■ 3UA5200-1K		1
		10 – 16	■ 3UA5200-2A	6930.-	1
		12.5 – 20	■ 3UA5200-2B		1
		16 – 25	■ 3UA5200-2C		1
3UA55	Contactor® mounting (3TF34/35, 44/45)	10 – 16	■ 3UA5500-2A	10835.-	1
		12.5 – 20	■ 3UA5500-2B		1
		16 – 25	■ 3UA5500-2C		1
		20 – 32	■ 3UA5500-2D		1
		25 – 36	■ 3UA5500-2Q	11280.-	1
		32 – 40	■ 3UA5500-2R		1
		36 – 45	■ 3UA5500-8M		1

Bimetal relay	Current type of mounting	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
3UA58-Z1	Contactor® mounting (3TF46, 3TF47, 3TF48, 3TF49)	16 – 25	3UA5800-2CZ1	19535.-	1
		20 – 32	3UA5800-2DZ1		1
		25 – 40	3UA5800-2EZ1		1
		32 – 50	■ 3UA5800-2FZ1	16680.-	1
		40 – 57	■ 3UA5800-2TZ1		1
		50 – 63	■ 3UA5800-2PZ1	19535.-	1
		57 – 70	■ 3UA5800-2VZ1		1
		63 – 80	■ 3UA5800-2UZ1		1
		70 – 95	■ 3UA5800-8YZ1		1
3UA58-Z2	Contactor® mounting (3TF47 7)	16 – 25	3UA5800-2CZ2	19535.-	1
		20 – 32	3UA5800-2DZ2	19535.-	1
		25 – 40	3UA5800-2EZ2	19535.-	1
		32 – 50	■ 3UA5800-2FZ2	16770.-	1
		40 – 57	■ 3UA5800-2TZ2		1
		50 – 63	■ 3UA5800-2PZ2	19675.-	1
		57 – 70	■ 3UA5800-2VZ2		1
		63 – 80	■ 3UA5800-2UZ2		1
3UA58 30	Contactor® mounting (3TF50)	70 – 95	■ 3UA5830-5B	21535.-	1
		85 – 105	■ 3UA5830-5C	21950.-	1
		95 – 120	■ 3UA5830-5D		1
3UA62	Independent mounting	85 – 135	■ 3UA6230-5A	31285.-	1
		115 – 180	■ 3UA6230-5B		1
		160 – 250	■ 3UA6230-5C	43235.-	1
		200 – 320	■ 3UA6230-5D	44515.-	1
		250 – 400	■ 3UA6230-5E		1
3UA68		320 – 500	3UA6830-5F	57515.-	1
		400 – 630	3UA6830-5G		1

@ Can be converted to independent mounting using accessory.

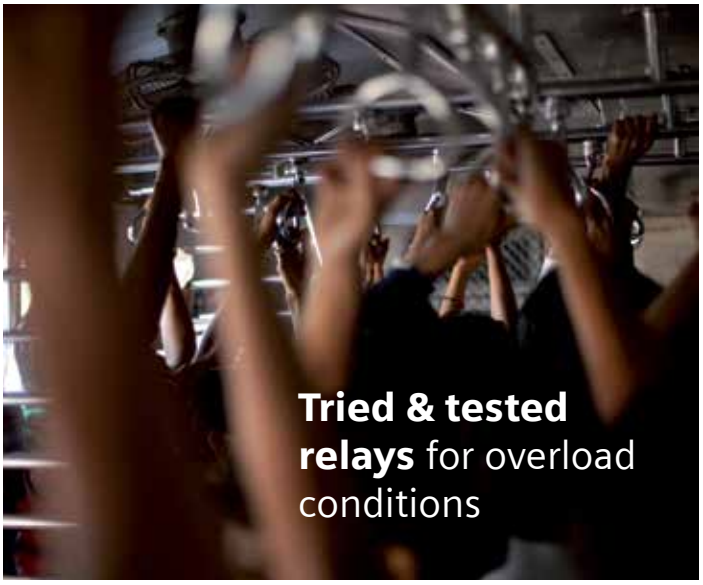
Relays for heavy starting applications, independent mounting

Current setting range A	Type	Unit LP ₹	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
2.5 – 4	3UC5030-5E	54395.-	40 – 63	3UC5830-5G	54395.-	1
4 – 6.3	3UC5030-5G					
6.3 – 10	3UC5030-5J		63 – 100	3UC6230-5J	55435.-	1
8 – 12.5	3UC5030-5K		100 – 160	3UC6230-5A		1
10 – 16	3UC5830-5A		125 – 200	3UC6630-5B		1
16 – 25	3UC5830-5C		160 – 250	3UC6630-5C		1
25 – 40	3UC5830-5E		250 – 400	3UC6630-5E		1

Note: Relays always supplied in manual execution, can be converted at site to auto execution.

Accessories for 3UA birelays

Description	For relay type	Type	Unit LP ₹	Std. pkg. (nos.)
Accessory for independent mounting	3UA50	■ 3UX1418	1355.-	1
	3UA52	■ 3UX1420	1435.-	1
	3UA55	■ 3UX1425	1730.-	1
	3UA58	■ 3UX1421	1505.-	1
	3UA58 30	■ 3UX1421-0XA	1950.-	1
Resetting plunger funnel	3UA5/6, 3UC5/6	3UX1011	630.-	10
		3UX1013		10
Reset cord + holder:	3UA5/6, 3UC5/6			
400 mm length		3UX1015	870.-	5
600 mm length		3UX1016		5
Protection cover	3UA5/6 except 3UA58/ 3UA5830	3UX11111YA	740.-	10
Set of 3 terminals to convert from 3UA5800-2. or 3UA5800-2.Z2 to 3UA5800-2.Z1		3UX5811	485.-	10
3UA5800-2.Z1 or 3UA5800-2.Z2 to 3UA5800-2.		3UX5812		10
3UA5800-2. or 3UA5800-2.Z1 to 3UA5800-2.Z2		3UX5813		10



■ Stock items

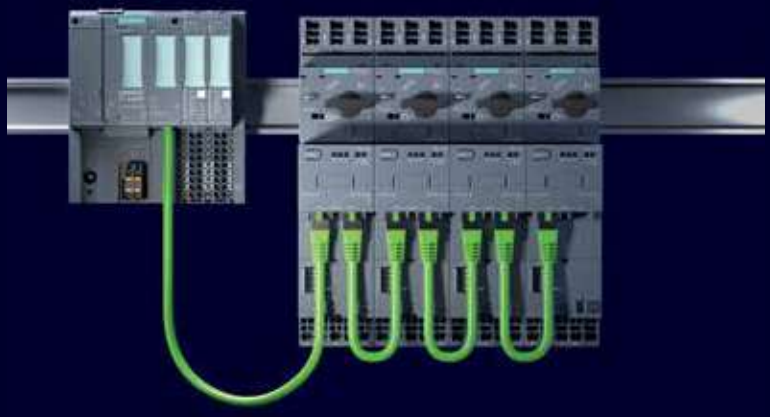
MRP - Maximum Retail Price

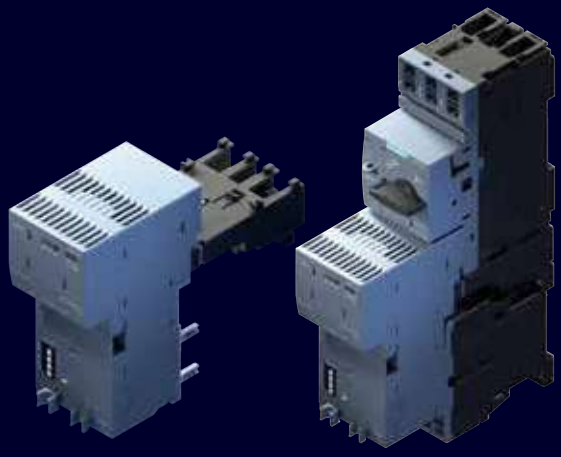
LP - List Price

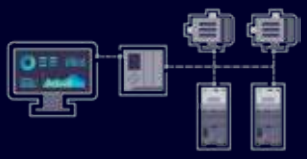
SIRIUS 3RC7 Intelligent Link Modules

NEW

SIRIUS Modular System goes digital







Part of the automation



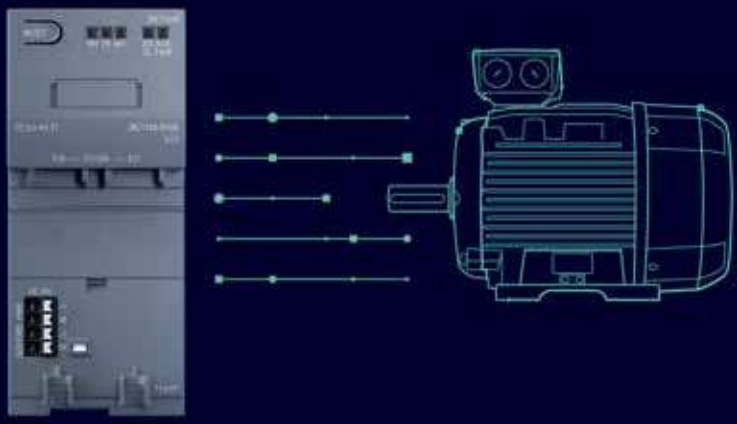
Transparency all the way to the field level



Proactive protection



Minimal effort



3RC7 SIRIUS Intelligent Link Module (ILM) makes the SIRIUS modular system capable of communication and parameterization. This allows to measure, monitor, react and report, becoming one with the Automation System

3RA8 is a combination of SIRIUS 3RV2 circuit breaker, SIRIUS 3RT2 contactor and the SIRIUS 3RC7 intelligent link module – fully assembled, certified combinations and ready for use.



More information
siemens.com/sirius-ilm

Discover more!

SIEMENS

SIRIUS 3RC7 Intelligent Link Modules

NEW

Standard Feature

Description	Type
ILM ST Direct Starter 0.4-4 A (S00)	3RC7140-1EE00
ILM ST Reversing Starter 0.4-4 A (S00)	3RC7141-1EE00
ILM ST Direct Starter 1.2-12 A (S00)	3RC7140-1KE00
ILM ST Reversing Starter 1.2-12 A (S00)	3RC7141-1KE00
ILM ST Direct Starter 3.5-32 A (S0)	3RC7140-4EE01
ILM ST Reversing Starter 3.5-32 A (S0)	3RC7141-4EE01

High Feature

Description	Type
ILM HF Direct Starter 0.4-4 A (S00)	3RC7140-1EE10
ILM HF Reversing Starter 0.4-4 A (S00)	3RC7141-1EE10
ILM HF Direct Starter 1.2-12 A (S00)	3RC7140-1KE10
ILM HF Reversing Starter 1.2-12 A (S00)	3RC7141-1KE10
ILM HF Direct Starter 3.5-32 A (S0)	3RC7140-4EE11
ILM HF Reversing Starter 3.5-32 A (S0)	3RC7141-4EE11

Communication Cable

between ET 200SP BusAdapter and 3RC7 ILM



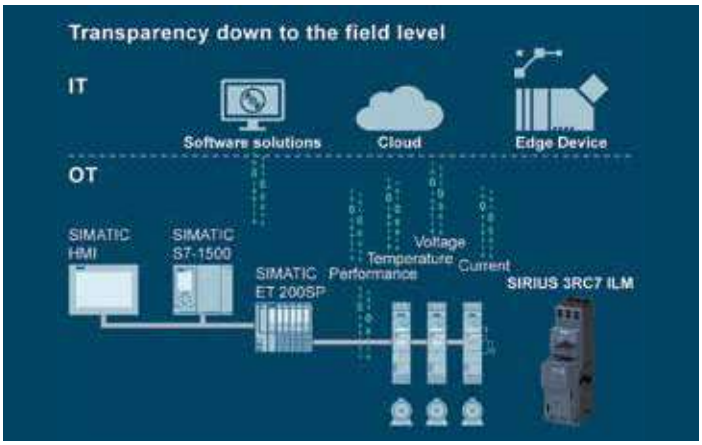
Description	Type
Length 0.5 m	3RC7940-0TE10
Length 2 m	3RC7940-0TE20
Length 5 m	3RC7940-0TE30
Length 10 m	3RC7940-0TE40

From 3RC7 ILM to 3RC7 ILM

Description	Type
For direct-on-line starters (side-by-side mounting)	3RC7940-0TE01
For reversing starters (side-by-side mounting)	3RC7940-0TE02
Length 0.75 m	3RC7940-0TE03
Length 1.5 m	3RC7940-0TE04
Length 2 m	3RC7940-0TE05

Power Cable

Description	Type
For direct-on-line starters	3RC7940-1TE01
For reversing starters	3RC7940-1TE02



SIRIUS 3RA8 Intelligent Load Feeders

Standard Feature

Description	Type
ILF ST Direct Starter 0.4-4 A (S00)	3RA8412-1EE00
ILF ST Reversing Starter 0.4-4 A (S00)	3RA8512-1EE00
ILF ST Direct Starter 1.2-12 A (S00)	3RA8411-1KE00
ILF ST Reversing Starter 1.2-12 A (S00)	3RA8511-1KE00
ILF ST Direct Starter 3.5-32 A (S0)	3RA8422-4EE00
ILF ST Reversing Starter 3.5-32 A (S0)	3RA8522-4EE00

High Feature

Description	Type
ILF HF Direct Starter 0.4-4 A (S00)	3RA8412-1EE10
ILF HF Reversing Starter 0.4-4 A (S00)	3RA8512-1EE10
ILF HF Direct Starter 1.2-12 A (S00)	3RA8411-1KE10
ILF HF Reversing Starter 1.2-12 A (S00)	3RA8511-1KE10
ILF HF Direct Starter 3.5-32 A (S0)	3RA8422-4EE10
ILF HF Reversing Starter 3.5-32 A (S0)	3RA8522-4EE10

More information
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Discover more!

Motor Protection Circuit Breakers - 3RV



Class 10, without auxiliary switch, standard switching capacity, screw terminals

MPCB Specifications			MPCB with Standard release[1]		MPCB with "relay function"[2]		MPCB with "Mag only" Release[3]		MPCB for transformer protection	
MPCB Size	MPCB rated current A	MPCB overload range A	Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹
S00	0.16	0.11...0.16	3RV2011-0AA10	13200.-	3RV2111-0AA10	16705.-	3RV2311-0AC10	12980.-	3RV2411-0AA10	22465.-
	0.2	0.14...0.2	3RV2011-0BA10		3RV2111-0BA10		3RV2311-0BC10		3RV2411-0BA10	
	0.25	0.18...0.25	3RV2011-0CA10		3RV2111-0CA10		3RV2311-0CC10		3RV2411-0CA10	
	0.32	0.22...0.32	3RV2011-0DA10		3RV2111-0DA10		3RV2311-0DC10		3RV2411-0DA10	
	0.4	0.28...0.4	3RV2011-0EA10		3RV2111-0EA10		3RV2311-0EC10		3RV2411-0EA10	
	0.5	0.35...0.5	3RV2011-0FA10	15245.-	3RV2111-0FA10	19265.-	3RV2311-0FC10	14930.-	3RV2411-0FA10	23790.-
	0.63	0.45...0.63	3RV2011-0GA10		3RV2111-0GA10		3RV2311-0GC10		3RV2411-0GA10	
	0.8	0.55...0.8	3RV2011-0HA10		3RV2111-0HA10		3RV2311-0HC10		3RV2411-0HA10	
	1	0.7...1	3RV2011-0JA10	15695.-	3RV2111-0JA10		3RV2311-0JC10		3RV2411-0JA10	
	1.25	0.9...1.25	3RV2011-0KA10		3RV2111-0KA10		3RV2311-0KC10		3RV2411-0KA10	
	1.6	1.1...1.6	3RV2011-1AA10		3RV2111-1AA10		3RV2311-1AC10		3RV2411-1AA10	
	2	1.4...2	3RV2011-1BA10		3RV2111-1BA10		3RV2311-1BC10		3RV2411-1BA10	
	2.5	1.8...2.5	3RV2011-1CA10	15830.-	3RV2111-1CA10	19440.-	3RV2311-1CC10	15355.-	3RV2411-1CA10	
	3.2	2.2...3.2	3RV2011-1DA10	15980.-	3RV2111-1DA10	19985.-	3RV2311-1DC10	15485.-	3RV2411-1DA10	
	4	2.8...4	3RV2011-1EA10		3RV2111-1EA10		3RV2311-1EC10		3RV2411-1EA10	
	5	3.5...5	3RV2011-1FA10	16440.-	3RV2111-1FA10	20165.-	3RV2311-1FC10	15650.-	3RV2411-1FA10	24000.-
	6.3	4.5...6.3	3RV2011-1GA10		3RV2111-1GA10		3RV2311-1GC10	15935.-	3RV2411-1GA10	
	8	5.5...8	3RV2011-1HA10	16980.-	3RV2111-1HA10	21470.-	3RV2311-1HC10	16610.-	3RV2411-1HA10	
	10	7...10	3RV2011-1JA10	17630.-	3RV2111-1JA10	21655.-	3RV2311-1JC10	16770.-	3RV2411-1JA10	26285.-
	12.5	9...12.5	3RV2011-1KA10	18985.-	3RV2111-1KA10	22910.-	3RV2311-1KC10	17790.-	3RV2411-1KA10	
	16	10...16	3RV2011-4AA10	22135.-	3RV2111-4AA10	25740.-	3RV2311-4AC10	20030.-	3RV2411-4AA10	
S0	16	10 ... 16	3RV2021-4AA10	22380.-	3RV2121-4AA10	26580.-	3RV2321-4AC10	20250.-	3RV2421-4AA10	27080.-
	20	13 ... 20	3RV2021-4BA10	23905.-	3RV2121-4BA10	29700.-	3RV2321-4BC10	23305.-	3RV2421-4BA10	28490.-
	22	16 ... 22	3RV2021-4CA10		3RV2121-4CA10		3RV2321-4CC10		3RV2421-4CA10	47300.-
	25	18 ... 25	3RV2021-4DA10	24150.-	3RV2121-4DA10		3RV2321-4DC10		3RV2421-4DA10	52885.-
	28	23 ... 28	3RV2021-4NA10	40315.-	3RV2121-4NA10	66685.-	3RV2321-4NC10	38825.-	–	–
	32	27 ... 32	3RV2021-4EA10		3RV2121-4EA10		3RV2321-4EC10		–	–
	36	30 ... 36	3RV2021-4PA10	46075.-	–	–	3RV2321-4PC10	44790.-	–	–
	40	34 ... 40	3RV2021-4FA10		–	–	3RV2321-4FC10		–	–
S2	25	18 ... 25	3RV2031-4DA10	42985.-	3RV2131-4DA10	68090.-	3RV2331-4DC10	39605.-	3RV2431-4DA10	53995.-
	32	22 ... 32	3RV2031-4EA10		3RV2131-4EA10		3RV2331-4EC10		3RV2431-4EA10	65030.-
	36	28 ... 36	3RV2031-4PA10	47330.-	3RV2131-4PA10	74990.-	3RV2331-4PC10	45290.-	3RV2431-4PA10	71765.-
	40	32 ... 40	3RV2031-4UA10		3RV2131-4UA10		3RV2331-4UC10		3RV2431-4UA10	
	45	35 ... 45	3RV2031-4VA10	57780.-	3RV2131-4VA10	78755.-	3RV2331-4VC10	54625.-	3RV2431-4VA10	73130.-
	52	42 ... 52	3RV2031-4WA10	58880.-	3RV2131-4WA10		3RV2331-4WC10		3RV2431-4WA10	
	59	49 ... 59	3RV2031-4XA10	59630.-	3RV2131-4XA10	82795.-	3RV2331-4XC10	55070.-	3RV2431-4XA10	75810.-
	65	54 ... 65	3RV2031-4JA10	60770.-	3RV2131-4JA10		3RV2331-4JC10		3RV2431-4JA10	
	73	62 ... 73	3RV2031-4KA10	63755.-	3RV2131-4KA10	86940.-	3RV2331-4KC10	57830.-	–	–
	80	70 ... 80	3RV2031-4RA10		3RV2131-4RA10		3RV2331-4RC10		–	–
S3	50	36 ... 50	3RV2041-4HA10	59790.-	3RV2142-4HA10	84210.-	3RV2341-4HC10	54895.-	–	–
	63	45 ... 63	3RV2041-4JA10	60350.-	3RV2142-4JA10		3RV2341-4JC10	55405.-	–	–
	75	57 ... 75	3RV2041-4KA10	63355.-	3RV2142-4KA10	88530.-	3RV2341-4KC10	58220.-	–	–
	84	65 ... 84	3RV2041-4RA10		3RV2142-4RA10		3RV2341-4RC10		–	–
	93	75 ... 93	3RV2041-4YA10	64560.-	3RV2142-4YA10		3RV2341-4YC10		–	–
	100	80 ... 100	3RV2041-4MA10	65150.-	3RV2142-4MA10		3RV2341-4MC10	58740.-	–	–

1) MPCB trips on SC and also on OL

2) MPCB trips on SC and opens contactor on OL

3) MPCB trips on SC

* Spring type terminals are not available for relay function MPCB 3RV21

* 3RV20 and 3RV23: For ordering spring type terminal please replace 11th digit from "1" to "2" (available up to 32A in S00 and S0 only)

Standard packing for all above products is 1 no.

Class 10, without auxiliary switch, increased switching capacity (100kA), screw terminals

MPCB Specifications			MPCB with Standard release[1]		MPCB with "relay function"[2]		MPCB with "Mag only" Release[3]	
MPCB Size	MPCB rated current A	MPCB overload range A	Type	Unit LP ₹	Type	Unit LP ₹	Type	Unit LP ₹
S2	25	18 ... 25	3RV2032-4DA10	55230.-	–	–	3RV2332-4DC10	47575.-
	32	22 ... 32	3RV2032-4EA10	59795.-	–	–	3RV2332-4EC10	
	36	28 ... 36	3RV2032-4PA10	64400.-	–	–	3RV2332-4PC10	52885.-
	40	32 ... 40	3RV2032-4UA10	69300.-	–	–	3RV2332-4UC10	65480.-
	45	35 ... 45	3RV2032-4VA10	76675.-	–	–	3RV2332-4VC10	
	52	42 ... 52	3RV2032-4WA10	77370.-	–	–	3RV2332-4WC10	66080.-
	59	49 ... 59	3RV2032-4XA10	78060.-	–	–	3RV2332-4XC10	
	65	54 ... 65	3RV2032-4JA10		–	–	3RV2332-4JC10	
	73	62 ... 73	3RV2032-4KA10	88640.-	–	–	3RV2332-4KC10	69395.-
	80	70 ... 80	3RV2032-4RA10	93410.-	–	–	3RV2332-4RC10	
S3	40	28 ... 40	3RV2042-4FA10	69410.-	3RV2142-4FA10	76640.-	3RV2342-4FC10	70740.-
	50	36 ... 50	3RV2042-4HA10	77730.-	3RV2142-4HA10	84210.-	3RV2342-4HC10	75080.-
	63	45 ... 63	3RV2042-4JA10	78805.-	3RV2142-4JA10		3RV2342-4JC10	
	75	57 ... 75	3RV2042-4KA10	90000.-	3RV2142-4KA10	88530.-	3RV2342-4KC10	78835.-
	84	65 ... 84	3RV2042-4RA10	94010.-	3RV2142-4RA10		3RV2342-4RC10	
	93	75 ... 93	3RV2042-4YA10		3RV2142-4YA10		3RV2342-4YC10	
	100	80 ... 100	3RV2042-4MA10	94865.-	3RV2142-4MA10		3RV2342-4MC10	79555.-

Class 20, without auxiliary switch, screw terminals

MPCB Specifications					MPCB with Standard release[1]		Std. pkg. (nos.)
MPCB Size	MPCB rated current A	MPCB overload range A	MPCB Short circuit setting A	Breaking capacity kA	Type[1]	Unit LP ₹	
S2	14	9.5 ... 14	208	65	3RV2031-4SB10		1
	17	12 ... 17	260	65	3RV2031-4TB10	52775.-	1
	20	14 ... 20	260	65	3RV2031-4BB10		1
	25	18 ... 25	325	65	3RV2031-4DB10	58320.-	1
	32	22 ... 32	416	65	3RV2031-4EB10	62455.-	1
	36	28 ... 36	520	65	3RV2031-4PB10	65665.-	1
	40	32 ... 40	585	65	3RV2031-4UB10	69200.-	1
	45	35 ... 45	650	65	3RV2031-4VB10	75655.-	1
	52	42 ... 52	741	65	3RV2031-4WB10	76830.-	1
	59	49 ... 59	845	65	3RV2031-4XB10	77675.-	1
	65	54 ... 65	845	65	3RV2031-4JB10		1
S3	40	28 ... 40	520	100	3RV2042-4FB10		1
	50	36 ... 50	650	100	3RV2042-4HB10		1
	63	45 ... 63	819	100	3RV2042-4JB10	80510.-	1
	75	57 ... 75	975	100	3RV2042-4KB10		1
	84	65 ... 84	1170	100	3RV2042-4RB10		1
	93	75 ... 93	1300	100	3RV2042-4YB10		1
	100	80 ... 100	1300	100	3RV2042-4MB10	81240.-	1

1) MPCB trips on SC and also on OL 2) MPCB trips on SC and opens contactor on OL 3) MPCB trips on SC

Standard packing for all above products is 1 no.

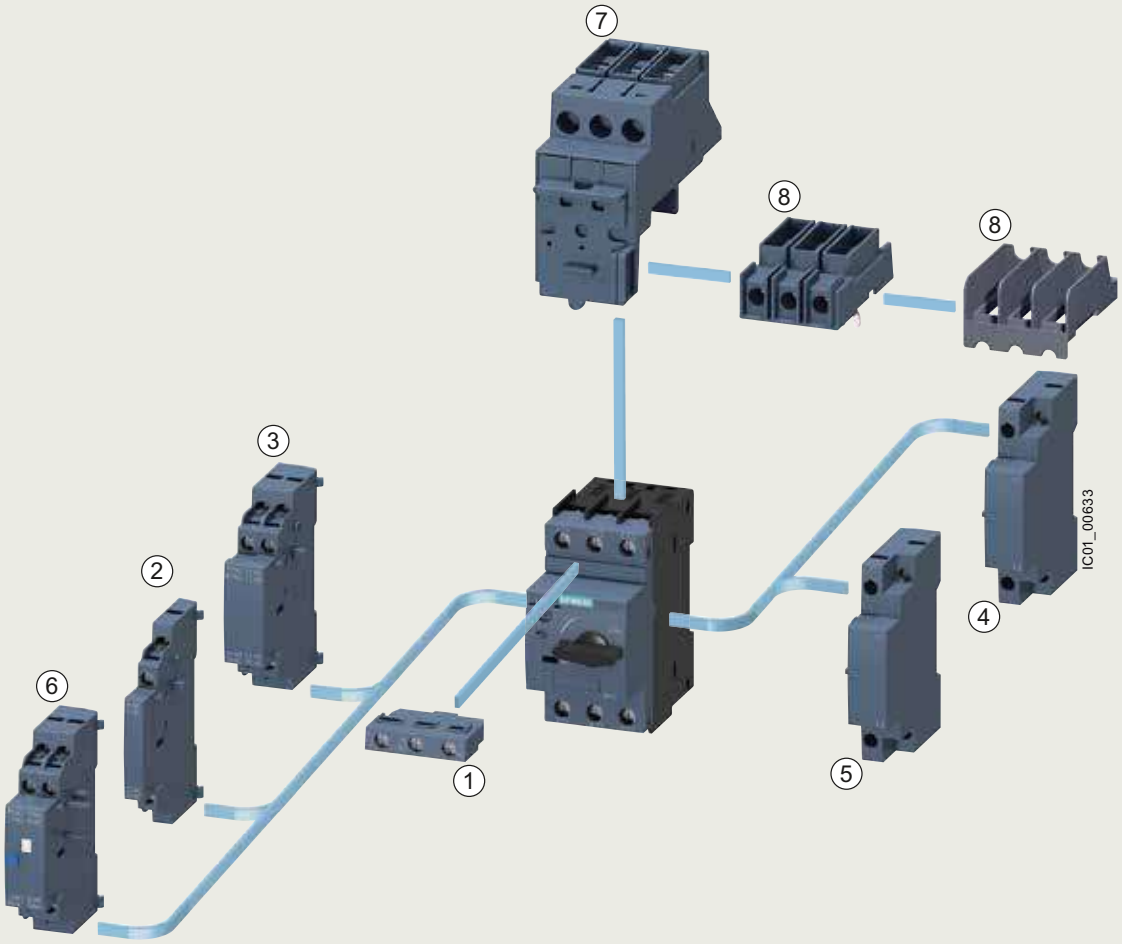
Circuit breaker size S00 for motor protection, Toggle Switch

Rating	Type *	Unit LP ₹	Rating	Type *	Unit LP ₹
0.11...0.16	3RV1011-0AA10	10380.-	1.1...1.6	3RV1011-1AA10	12820.-
0.14 ... 0.2	3RV1011-0BA10		1.4 ... 2	3RV1011-1BA10	
0.18...0.25	3RV1011-0CA10		1.8...2.5	3RV1011-1CA10	
0.22 ... 0.32	3RV1011-0DA10	10975.-	2.2 ... 3	3RV1011-1DA10	12870.-
0.28...0.4	3RV1011-0EA10		2.8...4	3RV1011-1EA10	13440.-
0.35 ... 0.5	3RV1011-0FA10	12725.-	3.5 ... 5	3RV1011-1FA10	
0.45...0.63	3RV1011-0GA10		4.5 ... 6	3RV1011-1GA10	
0.55 ... 0.8	3RV1011-0HA10		5.5 ... 8	3RV1011-1HA10	
0.7...1	3RV1011-0JA10		7 ... 10	3RV1011-1JA10	
0.9 ... 1.25	3RV1011-0KA10	12820.-	9 ... 12	3RV1011-1KA10	14765.-



Standard packing for all above products is 1 no.

* Use with accessories for 3RV2.



Accessories **complimenting the application**

Mountable accessories

① Transverse auxiliary switch
② Lateral auxiliary switch with 2 contacts
③ Lateral auxiliary switch with 4 contacts
④ Shunt release (can not be used with 3RV21 motor starter protectors)
⑤ Undervoltage release without/with leading contacts (can not be used with 3RV21 motor starter protectors)
⑥ Signaling switch (can not be used with 3RV27 and 3RV28 circuit breakers)
⑦ Isolator module (can not be used with 3RV2.4, 3RV27 and 3RV28 circuit breakers)
⑧ Terminal block type E or phase barriers

SIEMENS

Accessories for 3RV2

Mountable accessories

Type of accessory	Version	MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Transverse auxiliary switches With screw terminals, mountable on front	1 CO	S00 ... S3	3RV2901-1D#	2280.-	1
	1 NO + 1 NC	S00 ... S3	3RV2901-1E	2935.-	1
	2NO	S00 ... S3	3RV2901-1F	2990.-	1
Transverse auxiliary switches for operation in dusty atmospheres and in solid-state circuits with low operating currents	1 CO	S00 ... S3	3RV2901-1G#	9000.-	1
Covers for transverse auxiliary switches		S00 ... S3	3RV2901-0H#	1345.-	10
Lateral auxiliary switches with screw terminals mountable on the left	1 NO + 1 NC	S00 ... S3	3RV2901-1A	3235.-	1
	2 NO		3RV2901-1B	3025.-	1
	2 NC		3RV2901-1C		1
	2 NO + 2 NC		3RV2901-1J#	5185.-	1
Signaling switches (Alarm contacts) Mountable on the left side	Separate tripped and short-circuit alarms, 1 NO + 1 NC each	S00 ... S3	3RV2921-1M	5600.-	1
Isolator modules (for isolating individual MPCB)	Lockable in disconnected position	S00, S0	3RV2928-1A#	11840.-	1
		S2 (Up to 65A only)	3RV2938-1A#	14190.-	1
Fuse Monitoring MPCB		S00	3RV16110BD10	22280.-	1

Spring type terminals are not available for this accessory

* For ordering with spring type terminals, please replace 8th digit from '1' to '2'

Type of accessory@	Version	MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Undervoltage trip units, Screw terminals	24 V DC	S00 ... S3	3RV2902-1AB4#	21720.-	1
	110 V AC 50Hz / 120 V AC 60Hz		3RV2902-1AF0#	8045.-	1
	230 V AC 50Hz / 240 V AC 60Hz		3RV2902-1AP0		1
	400 V AC 50Hz / 440 V AC 60Hz		3RV2902-1AV0		1
Shunt trip units, Screw terminals	20...24V 50/60 Hz (100% ON period)		3RV2902-1DB0		1
	20...70V 50/60Hz, DC (5s ON period)				
	90...110V 50/60 Hz (100% ON period)		3RV2902-1DF0		1
	70...190V 50/60Hz, DC (5s ON period)				
	210...240V 50/60 Hz (100% ON period)		3RV2902-1DP0		1
	190...330V 50/60Hz, DC (5s ON period)				
	350...415V 50/60 Hz (100% ON period)		3RV2902-1DV0#		1
	330...500V 50/60Hz, DC (5s ON period)				

Spring type terminals are not available for this accessory

* For ordering with spring type terminals, please replace 8th digit from '1' to '2'

@ One auxiliary release can be mounted on the right side. (does not apply to 3RV11 motor starter protectors with overload relay function)

Accessories for 3RV2 / 3RV1

Fixing accessories

Type of accessory	Version	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Push-in lugs	For screwing the motor starter protector onto mounting plates. For each motor starter protector, 2 units are required.	For 3RV1: S00,S0	3RB1900-0B	80.-	(1pack = 10 pcs)
Push-in lugs		For 3RV2: S00,S0	3RV2928-0B	60.-	(1pack = 10 pcs)

Enclosure With EMERGENCY STOP rotary operating mechanism, Lockable in 0 position

Degree of protection	Integrated terminals	Installation width (for switch + lateral auxiliary switch)	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
IP55	N and PE	54 mm	S00, S0	3RV1923-1FA00	5665.-	1
		82 mm	S2	3RV1933-1GA00	18450.-	1

Accessories for 3RV2 / 3RV1

Door-coupling rotary operating mechanism

Description	Size	Type	Unit LP ₹	Std. pkg. (nos.)
Door operating mechanism with door interlock, defeat facility, padlocking facility. Extension shaft 300mm (fixed coupler) Breaker operating kit & front drive for size	S00, S0	3RV19261B-Z@	9090.-	1
	S2	3RV19361B-Z@	10040.-	1
	S3$	3RV19461B-Z@	13200.-	1
Front drive – fixed coupler (available as spare)	S00, S0, S2, S3	8UC626#	2795.-	1

@ One set available with breaker operator kit and 8UC front drive together

MRP

$ To use door-operating mechanism, on 3RV2 - Size S3, the knob attachment on breaker must be disassembled.

Busbar accessories

Type of accessory	Version	Conductor cross-section			For MPCB size	Type	Unit LP ₹	Std. pkg. (nos.)
		Solid or stranded	Finely stranded with end sleeve	AWG cable, solid or stranded				
		mm²	mm²	AWG				
3-phase Infeed terminals	Connection from top	2.5...25	2.5...16	10 ... 4	3RV2 S00, S0	3RV2925-5AB	4405.-	1
		2 x (2.5 ... 50)2)	2 x (2.5 ... 35)2)	2 x (10.. 1/0)2)	3RV2 S2	3RV2935-5A	4640.-	1
		1 x (2.5 ... 70)2)	1 x (2.5 ... 50)2)	1 x (10 ... 2/0)2)				
	Connection from bottom*	2.5...25	2.5...16	10 ... 4	3RV2 S00, S0	3RV2915-5B		1



* This terminal is connected in place of a switch, please take the space requirement into account.

2) If two different conductor cross-sections are connected to one clamping point, both cross-sections must be in the range specified.



Accessories for 3RV2 / 3RV1

Busbar accessories

Type of accessory[1]	Modular spacing mm	Number of MPCBs that can be connected: Without lateral accessories	With lateral auxiliary switch	Incl. auxiliary release	Current rating at 690V A	For MPCB size *	Type	Unit LP ₹	Std. pkg. (nos.)
3-phase busbar system	45[3]	2	–	–	63	S00, S0	3RV1915-1AB	3740.-	1
		3	–	–		S00, S0	3RV1915-1BB	3990.-	1
		4	–	–		S00, S0	3RV1915-1CB	5665.-	1
		5	–	–		S00, S0	3RV1915-1DB	6410.-	1
	55[4]	–	2	–		S00, S0	3RV1915-2AB	3810.-	1
		–	3	–		S00, S0	3RV1915-2BB	3990.-	1
		–	4	–		S00, S0	3RV1915-2CB	5435.-	1
		–	5	–		S00, S0	3RV1915-2DB	6410.-	1
		2	–	–	108	S2	3RV1935-1A	5480.-	1
		3	–	–			3RV1935-1B	6875.-	1
		4	–	–			3RV1935-1C	8420.-	1
	63[5]	–	–	2	63	S00, S0	3RV1915-3AB	4920.-	1
		–	–	4		S00, S0	3RV1915-3CB	6425.-	1
	75[5]	–	2	2	108	S2	3RV1935-3A	8420.-	1
		–	3	3			3RV1935-3B	7830.-	1
		–	4	4			3RV1935-3C	11070.-	1
Covers for connection tags (Touch protection for empty positions)						S00, S0	3RV1915-6AB	570.-	10
						S2	3RV1935-6A	1020.-	5



1) Not suitable for 3RV21 MPCBs with overload relay function
3) Auxiliary releases and lateral auxiliary switches cannot be used in combination.
4) For 3RV2 MPCB with auxiliary switches 2 NO and 2 NC mounted on the left (9 mm wide).
5) For 3RV2 MPCB with mounted accessories (18 mm wide). Auxiliary switches with 2 NO + 2 NC or signaling switch (mounted on the left) or with auxiliary release (mounted on the right).

* Approved for motor starter protectors size S0 , up to 32 A.

Mounting accessories

Type of accessory	Version	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Scale covers, for covering the set current scale		3RV20, 3RV21,3RV24: S00 ... S2	3RV2908-0P	325.-	10
Covers for devices with box terminals	2 units required per device (Main current level)	3RV2 S2	3RT2936-4EA2	560.-	1





Continuing the Legacy...

3VS Motor Protection Circuit Breakers

MPCBs for motor protection

Overload release range A	Type (w/o aux. contact)	Unit LP R	Type (with 1NO+1NC)	Unit LP R	Std. pkg. (nos)
0.1 - 0.16	3VS1300-0MB00	9935.-	3VS1300-1MB00	11910.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00		3VS1300-1MD00	12030.-	1
0.4 - 0.6	3VS1300-0ME00	11570.-	3VS1300-1ME00	13550.-	1
0.6 - 1	3VS1300-0MF00		3VS1300-1MF00	14070.-	1
1 - 1.6	3VS1300-0MG00	11660.-	3VS1300-1MG00	14210.-	1
1.6 - 2.4	3VS1300-0MH00		3VS1300-1MH00		1
2 - 3.2	3VS1300-0NH00	12200.-	3VS1300-1NH00	14330.-	1
2.4 - 4	3VS1300-0MJ00		3VS1300-1MJ00		1
3.2 - 5	3VS1300-0NJ00		3VS1300-1NJ00		1
4 - 6	3VS1300-0MK00		3VS1300-1MK00		1
5 - 8	3VS1300-0NK00		3VS1300-1NK00	14480.-	1
6 - 10	3VS1300-0ML00	12320.-	3VS1300-1ML00		1
8 - 13	3VS1300-0NL00	14150.-	3VS1300-1NL00	15890.-	1
10 - 16	3VS1300-0MM00	14815.-	3VS1300-1MM00	16620.-	1
14 - 20	3VS1300-0MN00	15090.-	3VS1300-1MN00	16940.-	1
18 - 25	3VS1300-0MP00	16835.-	3VS1300-1MP00	18080.-	1
			3VS1600-1ML00	33620.-	1
			3VS1600-1MM00	33620.-	1
Three-phase busbar for	3VU9135-1AB02	3390.-	3VS1600-1MN00	36845.-	1
3VS13 only	3VU9135-1AB02	4100.-	3VS1600-1MP00	37895.-	1
	3VU9135-1AB02	5255.-	3VS1600-1MQ00	42050.-	1
	3VU9135-1AB02	5930.-	3VS1600-1MR00	42050.-	1

Accessories for 3VS

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ **3VU9131-3AA00**	**3090.-**	**1**
Short-circuit signaling switch	1 NO + 1 NC	■ **3VU9131-7AA00**	**3565.-**	**1**

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm	Breaker operating kit & front drive (fixed coupler) for 3VS13 for 3VS16	■ **3VU9133-Z@** ■ **3VU9163-Z@**	**7975.-** **8495.-**	**1** **1**
Front drive for 3VS	Fixed coupler	■ **8UC616#**	**2340.-**	**1**

@ 1 set available with breaker operator kit and 8UC front drive together

MRP



3TF-3VS Connector**

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current	Type Rating	AC3 Current Rating			
3VS13	0.16 to 20A	**3TF30 / 31**	9 / 12 A	**3TS9001-8K**	**735.-**	**1**
3VS13	6 to 25A	**3TF32 / 33**	16 / 22A	**3TS9002-8K**	**885.-**	**1**

** For more details refer page no. 38



■ **Stock items**

Please order in multiples of standard packing.

LP - List Price

SIRIUS 3RW soft starters

As diverse as your tasks.

The strong, harmonized portfolio of soft starters is suited to a wide range of standard – and also Failsafe and ATEX – applications thanks to comprehensive and specific functions. Benefit from intelligent functions such as condition monitoring, automatic parameterization, pump cleaning and integrated braking functions, regardless of the industry you are in.



Strong portfolio

Comprehensive, coordinated soft starter portfolio for simple to demanding starting: Basic, General, High Performance

Efficient switching

Energy-efficient switching and mechanical protection of the drive train thanks to soft starter with hybrid switching technology

Intelligent use

Concentrated, application-specific functionality thanks to intelligent features such as automatic parameterization, pump cleaning and condition monitoring

Ready for the digital future

Support for digital engineering processes with tools and data. Data provision for local visualization or cloud-based analysis





SIRIUS 3RW

Strong, comprehensive portfolio with a wide range of possibilities thanks to a flexible design.

For more information, see www.siemens.com/softstarters

Digitalization

The 3RW soft starters help you to realize the full potential of digitalization. This is particularly beneficial when it comes to economic efficiency.

Your application in focus

Pump cleaning and pump stopping mode

The pump cleaning function prevents pumps from blocking and therefore increases your productivity and system availability. The pump stopping mode avoids mechanical stress in the piping system and extends the service life of the equipment.

Electrical ruggedness

Due to the wide control voltage range from 110 to 250 V AC, soft starters have a high degree of electrical ruggedness. This guarantees reliable operation even in the event of falling voltages.

Condition monitoring

The condition monitoring function supports optimal planning of maintenance work on bearings or seals, thereby maximizing availability.

Automatic parameterization

Automatic parameterization simplifies the commissioning and operation of critical applications considerably, even in the case of highly dynamic load characteristics.

Integrated braking functions

Intelligent functions such as soft starter braking ensure a fast and reliable stop without engineering and configuration work.

Digital soft starters - SIRIUS 3RW30/40/50



3RW30
From 1.5 - 55 kW
- Compact design
- Integrated bypass contact system
- Soft start
- Innovative 2-phase "Polarity Balancing" operation



3RW40
From 5.5 - 55 kW
- Soft start, soft stop, adjustable current limit.
- Integrated bypass contact system
- Integrated microprocessor based overload relay with adjustable trip class 10/15/20.
- Intrinsic device protection to protect against thermal overloading of thyristors.
- Integrated state and fault monitoring
- Innovative 2-phase "Polarity Balancing" operation



NEW

3RW50
From 75 to 315 kW
- Soft starting and smooth ramp-down due to soft torque function
- Hybrid-switching technology with 2-phase control
- Parameterization via rotary coding switches
- ATEX/IECEx certified – hence suitable for motors in potentially explosive atmosphere
- Optional HMI modules and communication modules (external connection)
- Optional TIA integration

Rated operating voltage Ue, In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current Ie (AC-53a) A (40°C/50°C/60°C)	Type	Unit LP ₹	Std. pkg. (nos)
200-480	1.5	3.6/3.3/3	3RW3013-1BB$4	44345.-	1
200-480	3	6.5/6/5.5	3RW3014-1BB$4	51455.-	1
200-480	4	9/8/7	3RW3016-1BB$4	58975.-	1
200-480	5.5	12.5/12/11	3RW3017-1BB$4	69860.-	1
200-480	7.5	17.6/17/14	3RW3018-1BB$4	84080.-	1
200-480	11	25.3/23/21	3RW3026-1BB$4	92855.-	1
200-480	15	32.2/29/26	3RW3027-1BB$4	121285.-	1
200-480	18.5	38/34/31	3RW3028-1BB$4	151435.-	1
200-480	22	45/42/39	3RW3036-1BB$4	164795.-	1
200-480	30	65/58/53	3RW3037-1BB$4	224165.-	1
200-480	37	72/62.1/60	3RW3038-1BB$4	276025.-	1
200-480	45	80/73/66	3RW3046-1BB$4	309485.-	1
200-480	55	106/98/90	3RW3047-1BB$4	342960.-	1

$ Order No. supplement for rated control supply voltage Us • 24 V AC/DC **0** • 110 ... 230 V AC/DC **1**

Rated operating voltage Ue, In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current Ie (AC-53a) A (40°C/50°C/60°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	12.5 / 11 / 10	3RW4024-1BB$4	122010.-	1
200...480	11	25 / 23 / 21	3RW4026-1BB$4	150745.-	1
200...480	15	32 / 29 / 26	3RW4027-1BB$4	186715.-	1
200...480	18.5	38 / 34 / 31	3RW4028-1BB$4	229800.-	1
200...480	22	45 / 42 / 39	3RW4036-1BB$4	260540.-	1
200...480	30	63 / 58 / 53	3RW4037-1BB$4	307700.-	1
200...480	37	72 / 62 / 60	3RW4038-1BB$4	348695.-	1
200...480	45	80 / 73 / 66	3RW4046-1BB$4	393150.-	1
200...480	55	106 / 98 / 90	3RW4047-1BB$4	437630.-	1

$ Control Voltage Code: • 24 V AC/DC **0** • 110 ... 230 V AC/DC **1**

For ordering 3RW40 soft starters with thermistor protection in the above range:
– Change the 9th digit in the type reference to 'T' from 'B'. Contact Sales Office for prices.

NEW

Rated operating voltage Ue, In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current Ie (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200 ... 480	75	143 / 128	3RW5055-6AB$4	494885.-	1
200 ... 480	90	171 / 153	3RW5056-6AB$4	611365.-	1
200 ... 480	110	210 / 186	3RW5072-6AB$4	680900.-	1
200 ... 480	132	250 / 220	3RW5073-6AB$4	698665.-	1
200 ... 480	160	315 / 279	3RW5074-6AB$4	844260.-	1
200 ... 480	200	370 / 328	3RW5075-6AB$4	931560.-	1
200 ... 480	250	470 / 416	3RW5076-6AB$4	1018895.-	1
200 ... 480	315	570 / 504	3RW5077-6AB$4	1089175.-	1

$ Control Voltage Code: • 24 V AC/DC **0** • 110 ... 230 V AC/DC **1**

– For 3RW50 with operating voltage Ue 200...600V AC: Change the last digit of MLFB from "4" to "5".
– For 3RW50 with thermistor motor protection change the 9th digit of MLFB from "A" to "T"
– Contact Sales Office for prices

SIRIUS 3RW52 - Standard Applications

From 5.5 - 315kW



- Main Voltage: 200-480V & 200-600V
- Bypass System: Integrated (Hybrid technology)
- Controlled Phases: 3
- Connection Type: Standard & Inside Delta
- Control Voltage: 24V AC/DC & 110-250V AC
- Motor over load protection class: 10A, 10E, 20E
- Analog output: 0-10V & 4-20mA (Optional)
- Communication protocol (Optional) - PN-Std, PN-HF, PB, MB-TCP, MB-RTU
- Operator Panel: Standard and High features HMI (Optional)

Rated operating voltage Ue, in line circuit V AC	Motor rating at 415V, 40°C, normal starting, (in line circuit) kW	Motor rating at 415V, 40°C, normal starting, (in delta circuit) kW	Rated operating current Ie (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	11	13/11.5	**3RW5213-1AC$4**	**206065.-**	**1**
200...480	7.5	15	18/15.9	**3RW5214-1AC$4**	**228980.-**	**1**
200...480	11	18.5	25/22.3	**3RW5215-1AC$4**	**263285.-**	**1**
200...480	15	22	32/28.4	**3RW5216-1AC$4**	**278275.-**	**1**
200...480	18.5	30	38/33.5	**3RW5217-1AC$4**	**327985.-**	**1**
200...480	22	45	47/41.6	**3RW5224-1AC$4**	**347840.-**	**1**
200...480	30	55	63/55.5	**3RW5225-1AC$4**	**417440.-**	**1**
200...480	37	75	77/68	**3RW5226-1AC$4**	**496915.-**	**1**
200...480	45	90	93/82.5	**3RW5227-1AC$4**	**626065.-**	**1**
200...480	55	110	113/101	**3RW5234-6AC$4**	**725480.-**	**1**
200...480	75	132	143/128	**3RW5235-6AC$4**	**795050.-**	**1**
200...480	90	160	171/151	**3RW5236-6AC$4**	**820680.-**	**1**
200...480	110	200	210/186	**3RW5243-6AC$4**	**848365.-**	**1**
200...480	132	250	250/220	**3RW5244-6AC$4**	**921110.-**	**1**
200...480	160	315	315/279	**3RW5245-6AC$4**	**993785.-**	**1**
200...480	200	355	370/328	**3RW5246-6AC$4**	**1172690.-**	**1**
200...480	250	400	470/416	**3RW5247-6AC$4**	**1333190.-**	**1**
200...480	315	560	570/504	**3RW5248-6AC$4**	**1689415.-**	**1**

$ Control voltage code: • 24V AC/DC **0** • 110----250 V AC **1**

* – For 3RW52 with operating voltage Ue 200...600V AC - change the last digit of MLFB from "4" to "5".
– For 3RW52 with thermistor motor protection, change the 9th digit of MLFB from "A" to "T"
– Contact Sales Office for prices

Note: Commissioning service is available at extra cost.

In the event of deviating conditions or higher switching frequency, it may be necessary to choose a larger unit.

Siemens recommends use of selection and simulation program Simulation Tool for Soft Starters (STS).

Refer technical specifications for more details.

For more details, please visit: www.siemens.com/softstarter

Soft Starter selection made handy!

with few clicks on your mobile

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3RW55: for heavy duty and high end applications

From 5.5 - 315 kW

NEW



- Main Voltage:200-480V & 200-690V
- Bypass System: Integrated (Hybrid technology)
- Controlled Phases: 3
- Connection Type: Standard & Inside Delta
- Control Voltage: 24V AC/DC & 110-250V AC
- Motor over load protection class: 5/10/15/20/30
- Analog output: 0-10V & 4-20mA (Optional)
- Communication protocol (Optional) - PN-Std, PN-HF, PB, MB-TCP, MB-RTU
- Operator Panel: High features HMI
- Optionally available Failsafe Variant
- With unique Autoparameterisation feature

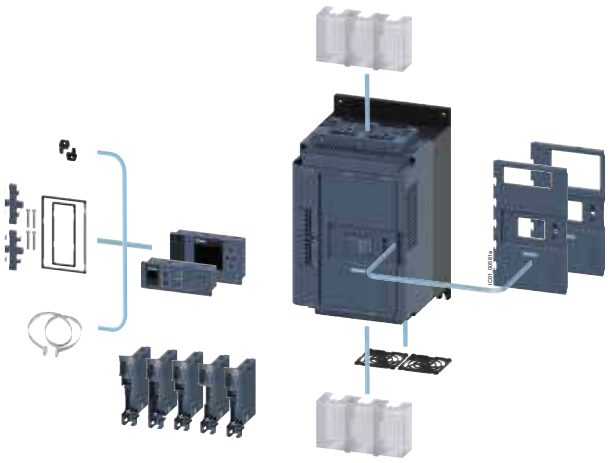
Rated operating voltage Ue, in line circuit V AC	Motor rating at 415V, 40°C, normal starting, (in line circuit) kW	Motor rating at 415V, 40°C, normal starting, (in delta circuit) kW	Rated operating current Ie (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	11	13/11.5	3RW5513-1HA$4	253130.-	1
200...480	7.5	15	18/15.9	3RW5514-1HA$4	269280.-	1
200...480	11	18.5	25/22.3	3RW5515-1HA$4	316805.-	1
200...480	15	22	32/28.4	3RW5516-1HA$4	372715.-	1
200...480	18.5	30	38/33.5	3RW5517-1HA$4	439315.-	1
200...480	22	45	47/41.6	3RW5524-1HA$4	465900.-	1
200...480	30	55	63/55.5	3RW5525-1HA$4	559085.-	1
200...480	37	75	77/68	3RW5526-1HA$4	665555.-	1
200...480	45	90	93/82.5	3RW5527-1HA$4	838595.-	1
200...480	55	110	113/101	3RW5534-6HA$4	971705.-	1
200...480	75	132	143/128	3RW5535-6HA$4	1064945.-	1
200...480	90	160	171/151	3RW5536-6HA$4	1099235.-	1
200...480	110	200	210/186	3RW5543-6HA$4	1136345.-	1
230...480	132	250	250/220	3RW5544-6HA$4	1233750.-	1
230...480	160	315	315/279	3RW5545-6HA$4	1331095.-	1
230...480	200	355	370/328	3RW5546-6HA$4	1570715.-	1
230...480	250	400	470/416	3RW5547-6HA$4	1785715.-	1
230...480	315	560	570/504	3RW5548-6HA$4	2262890.-	1
200...480	355	630	630/561	3RW5552-6HA$4	2991000.-	1
200...480	400	710	720/641	3RW5553-6HA$4	Upon Request	1
200...480	450	800	840/748	3RW5554-6HA$4		1
200...480	560	1000	1100/979	3RW5556-6HA$4		1
200...480	710	1200	1280/1139	3RW5558-6HA$4		1

$ Control voltage code:
- 24V AC/DC **0**
- 115----250 V AC **1**

– For 3RW55 with operating voltage Ue 200...690V AC: Change the last digit of MLFB from "4" to "5".
– For 3RW55 with fail safe variant: Change the 10th digit of MLFB from "A" to "F" (available up to 315kW)
– Contact Sales Office for prices

Accessories for 3RW55/3RW52

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Profibus communication module		3RW5980-0CP00	129995.-	1
ProfiNET communication module		3RW5980-0CS00	146250.-	1
Modbus TCP		3RW5980-0CT00	129995.-	1
External display - Standard HMI		3RW5980-0HS00	45545.-	1
External display - High Featured HMI		3RW5980-0HF00	131540.-	1
PROFINET High-Feature module 3RW55 system redundancy S2		3RW5950-0CH00	173365.-	1
Connection cable for Door Mounting of HMI display module	(5 mtr - Flat)	3RW5980-0HC60	31580.-	1
	(0.1 mtr - Flat)	3UF7931-0AA00-0	3755.-	1
	(0.5 mtr - Flat)	3UF7932-0BA00-0	11250.-	1
	(1 mtr - Round)	3UF7937-0BA00-0	12500.-	1
	(2.5 mtr - Round)	3UF7933-0BA00-0	13445.-	1
SIRIUS Soft Starter ES V18 Professional	License key on USB flash drive	3ZS1320-6CC14-0YA5	330930.-	1
SIRIUS Soft Starter ES V21 Professional	License key downloaded	3ZS1320-6CE17-0YB5	Upon Request	1



Note: Commissioning service is available at extra cost.

Siemens recommends use of selection and simulation program Simulation Tool for Soft Starters (STS).

For more details, please visit: www.siemens.com/softstarter

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Compact design

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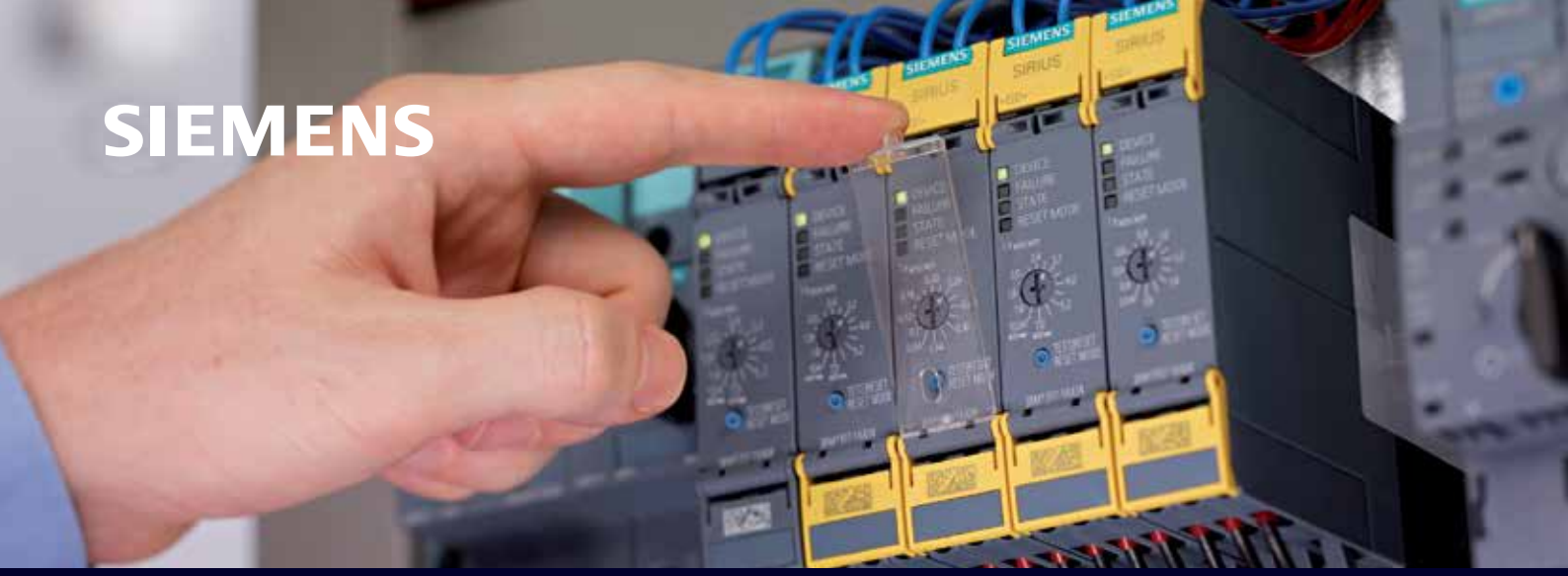

Start-up with a small footprint – **SIRIUS 3RM1 Motor Starter**

Multifunctional with a width of just 22.5mm

www.siemens.com

3RM1 Compact Starters – DOL and RDOL

Rated operational voltage Ue	Description	Type	Unit LP ₹
48--500V	DOL, up to 0.12KW	**3RM10011AA.4**	**82910.-**
48--500V	DOL, 0.09 to 0.75KW	**3RM10021AA.4**	**82910.-**
48--500V	DOL, 0.55 to 3KW	**3RM10071AA.4**	**82910.-**
48--500V	RDOL, up to 0.12KW	**3RM12011AA.4**	**90245.-**
48--500V	RDOL, 0.09 to 0.75KW	**3RM12021AA.4**	**90245.-**
48--500V	RDOL, 0.55 to 3KW	**3RM12071AA.4**	**90245.-**

Control voltage code @50Hz: • 24V AC/DC **0** • 110---230V AC,110V DC **1**

Accessories

Description	Type	Unit LP ₹
3-phase busbar for 2 3RM1	**3RM19101AA**	**Upon Request**
3-phase busbar for 3 3RM1	**3RM19101BA**	**Upon Request**
3-phase busbar for 5 3RM1	**3RM19101DA**	**Upon Request**
CAP for busbar of 3RM1	**3RM19106AA**	**Upon Request**
3-PHASE FEED-IN TERMINAL 3RM1	**3RM19201AA**	**Upon Request**





RAJA+

RAJA+ Agriculture Starters & Controllers

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GSM Starters & Controllers
Smart, Efficient & Sustainable



- Complete Range for all Agricultural Applications
- Android based application for extensive customization
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- Complete Wireless Operation
- Built In Protection against all major Faults
- Anti Theft Feature

Combine it with our unique Android-based Application to further enhance your smart farming experience.

- Complete pump operation status in one place/one touch
- In built scheduler for flexible On/Off timings
- Compliant to all date privacy and security laws



SIEMENS

Agriculture Starters





DOL

Starter in S. S. housing, incl. birelay with SPP

Motor rating at 415V, 3ph, 50Hz		Type [1] (DOL)	Relay range A	Unit MRP ₹	Std. pkg. (nos.)
HP	kW				
0.33	0.25	3TW72911A.64	0.63-1	6990.-	1
0.75	0.55	3TW72911A.66	1-1.6	6990.-	1
1	0.75	3TW72911A.68	1.6-2.5	6990.-	1
1.5	1.1	3TW72911A.69	2-3.2	6990.-	1
2	1.5	3TW72911A.71	3.2-5	6990.-	1
3	2.2	3TW72911A.72	4-6.3	6990.-	1
5	3.7	3TW72911A.74	6.3-10	6990.-	1
–	–	3TW72911A.75	8-12.5	6990.-	1
7.5	5.5	3TW72911A.77	10-16	7460.-	1
10	7.5	3TW72911A.78	12.5-20	7730.-	1

[1] Enter code for coil voltage, 50Hz (B for 200 - 400V AC, D for 260 - 460V AC, W for 332 - 456V AC)

For RAJA+ DOL Starters 3TW72931A... (0.33-5HP) with 18A contactor are IEC 60947-4-1: 2012 compliant without ISI mark

Star Delta

Automatic starter in S.S. housing, incl. birelay with SPP

Motor rating at 415V, 3ph, 50Hz		Type [4] (ASD)	Relay range A	Unit MRP ₹	Std. pkg. (nos.)
HP	kW				
10	7.5	3TE72910AW74	6.3-10	29590.-	1
12.5	9.3	3TE72910A.75	8-12.5	31050.-	1
15	11	3TE72910A.77	10-16	31870.-	1
20	15	3TE72910A.78	12.5-20	37420.-	1
25	18.5	3TE72910A.79	16-25	42930.-	1

[4] Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)

Industrial Starters

DOL

DOL Starter in S.S.housing (without birelay - to be ordered separately)

Motor rating at 415V, 3ph, 50Hz		Type [2] (DOL)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
15	11	3TW7493-2AR0*	3US5200-2C8K (16-25A)	18720.-	1
20	15	3TW7494-2A..	3US5600-2D8K (20-32A)	23030.-	1
25	18.5	3TW7495-2A..	3US5600-2Q8K (25-36A)	27040.-	1
30	22	3TW7496-2A..	3US5800-2F8K (32-50A)	33360.-	1
40	30	3TW7497-2A..	3US5800-2T8K (40-57A)	42520.-	1
50	37	3TW7498-2A..	3US5800-2V8K (57-70A)	55150.-	1
60	45	3TW7499-2A..	3US5800-8Y8K (70-95A)	61730.-	1
75	55	3TW7590-2A..	3US5800-5C8K (85-105A)	77330.-	1

* Only coil voltage of 415V 50Hz available

[2] Enter code for coil voltage, 50Hz ("R0" for 415V, "P0" for 230V)

† 3TE75 have in-built birelay whereas 3TE74 doesn't have in-built birelay

For selection and LPs of spares for Industrial Starter contact sales

Star Delta

Automatic Star delta starter in S.S. housing (without birelay - to be ordered separately)

Motor rating at 415V, 3ph, 50Hz		Type [2] (ASD)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
30	22	3TE7493-2A..	3US5600-2C8K (16-25 A)	66670.-	1
40	30	3TE7494-2A..	3US5600-2D8K (20-32 A)	71850.-	1
50	37	3TE7495-2A..	3US5600-2R8K (32-40 A)	100330.-	1
60	45	3TE7496-2A..	3US5800-2F8K (32-50 A)	142310.-	1
75	55	3TE7497-2A..	3US5800-2T8K (40-57 A)	174140.-	1

Automatic Star delta starter in S.S. housing (With in-built birelay)

Motor rating at 415V, 3ph, 50Hz		Type [2] (ASD)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
100	75	3TE7594-2AR0*†	3US58 00-8Y8K (70-95A)†	247820.-	1
125	90	3TE7595-2AR0*†	3US58 00-8Y8K (70-95A)†	255140.-	1
150	110	3TE7596-2AR0*†	3US58 00-5D8K (95-120A)†	258770.-	1
180	132	3TE7597-2AR0*†	3US62 20-5B8K (115-180A)†	276980.-	1

MRP - Maximum Retail Price

LP - List Price

Spares for starters

Spares for 3TW7 Starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactor for 200-400V	3TS3010-0AZ608KA0	3455.-	1
Contactor for 200-400V	3TS3210-0AZ608KA0	4505.-	1
Contactor for 415V	3TS3010-0AR008KA0	3455.-	1
Contactor for 415V	3TS3210-0AR008KA0	4505.-	1
Relay	3UW5102-##	Price on Request	1
Coil for 200-400V	3TY7403-0AZ6		10
Coil for 415V	3TY7403-0AR0		10

The spares shall be used with starters only.

Code for 3UW51/52 relay range

Relay range	0.63-1	1-1.6	1.6-2.5	2-3.2	3.2-5	4-6.3	6.3-10	8-12.5	10-16	12.5-20	16-25
Code	0J	1A	1C	1D	1F	1G	1J	1K	2A	2B	2C

Spares for 3TE7 Starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactor for 200-400V	3TS3010-0AZ608K	3270.-	1
Contactor for 415V	3TS3010-0AR008K	3270.-	1
Contactor for 200-400V	3TS3210-0AZ608K	4310.-	1
Contactor for 415V	3TS3210-0AR008K	4045.-	1
Contactor for 200-400V	3TS3300-0AZ608K	5750.-	1
Contactor for 415V	3TS3300-0AR008K	5185.-	1
Relay	3UW5102-##	Price on Request	1
Relay	3UW5202##		1
Coil for 200-400V	3TY7403-0AZ6		10
Coil for 415V	3TY7403-0AR0		10

Bi Relay for 3TW74 & 3TE74 Starters

Type	Range	Unit LP ₹	Std. pkg. (nos.)
3US5200-2C8K	16-25A	6205.-	1
3US5600-2D8K	20-32A	9750.-	1
3US5600-2Q8K	25-36A	9750.-	1
3US5800-2T8K	40-57A	13110.-	1
3US5800-2V8K	57-70A	16400.-	1
3US5800-8Y8K	70-95A	16400.-	1
3US5800-5C8K	85-105A	17405.-	1
3US5600-2C8K	16-25 A	9110.-	1
3US5600-2R8K	32-40 A	10200.-	1
3US5800-2F8K	32-50 A	12475.-	1
3US5800-5D8K	95-120A	16580.-	1
3US6220-5B8K	115-180A	29575.-	1



Water level controller

Description			Type	Unit MRP ₹	Std. pkg. (nos.)
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	4070.-	1
Sensor for water level controller relay	Pack of 3 sensor		7UG0985-0YY00	1220.-	1



MRP - Maximum Retail Price

LP - List Price

Electronic timers - 3RP



Function	Time range	Input voltage		Type	Unit LP ₹	Std. pkg (nos.).
		AC (50/60Hz)	DC			
On-delay with 1C/O contacts	0.5 – 10 sec	24/100-127 24/200-240	24 24	■ **3RP1511-1AQ308K** ■ **3RP1511-1AP308K**	**4960.-**	**1** **1**
	5 – 100 sec	24/100-127 24/200-240	24 24	■ **3RP1513-1AQ308K** ■ **3RP1513-1AP308K**	**4980.-**	**1** **1**
	0.05 sec to 100 Hrs. (15 time setting ranges)	24/100-127 24/200-240	24 24	■ **3RP1525-1AQ308K** ■ **3RP1525-1AP308K**	**7310.-**	**1** **1**
		24 to 240	24 to 240	■ **3RP1525-1BW308K#**	**9865.-**	**1**
Off-delay with 1C/O contacts	0.5 – 10 sec	24/100-127 24/200-240	24 24	■ **3RP1531-1AQ308K** ■ **3RP1531-1AP308K**	**6580.-**	**1** **1**
	5 – 100 sec	24/100-127 24/200-240	24 24	■ **3RP1533-1AQ308K** ■ **3RP1533-1AP308K**	**6690.-**	**1** **1**
Multi-function with 1C/O contacts	0.05 sec to 100 Hrs. (15 time setting ranges)	24 - 240	24 - 240	■ **3RP1505-1AW308K**	**10185.-**	**1**
	Label set - 8 functions (On delay, Off delay, On+Off delay, flashing, pulse make contact, pulse break contact, pulse shaping and additive ON delay)			**3RP1901-0A8K***	**2915.-**	**1 pack**
Star-Delta 1NO inst & 1NO delayed	1 – 20 sec	200-240 / 380-440V AC		**3RP1574-1NM208K**	**5020.-**	**1**
	3 – 60 sec	24/100-127	24	■ **3RP1576-1NQ308K**	**5145.-**	**1**
		24/200-240	24	■ **3RP1576-1NP308K**	**5145.-**	**1**
		200-240/380-440V AC		■ **3RP1576-1NM208K**	**5295.-@**	**1**
		230-400V AC		■ **3RP1576-1NP208K**	**5295.-@**	**1**
Push-in lug (for mounting 3RP timer with screws)				**3RP19038K** (1 pack = 10 pcs)	**445.-**	**1 pack**

with 2C/O contacts $ Price per pack * 1 pack consists of 1 label set

For 7PV0 timer portfolio refer page no. 75

@ Prices mentioned are at MRP

3RR2 Current monitoring relays





The relays can be installed as a stand-alone unit using the suitable terminal bracket.

Screw Terminals

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Supply voltage	Type*	Unit LP ₹	Std. pkg. (nos.)
Basic Version					
S00	1.6...16	24V AC/DC	**3RR2141-1AA30**	**39245.-**	**1**
	1.6...16	24...240V AC/DC	**3RR2141-1AW30**	**42745.-**	**1**
S0	4 ... 40	24V AC/DC	**3RR2142-1AA30**	**49385.-**	**1**
	4 ... 40	24...240V AC/DC	**3RR2142-1AW30**	**52770.-**	**1**

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Supply voltage	Type*	Unit LP ₹	Std. pkg. (nos.)
Standard Version					
S00	1.6...16	24V AC/DC	**3RR2241-1FA30**	**80065.-**	**1**
	1.6...16	24...240V AC/DC	**3RR2241-1FW30**	**87210.-**	**1**
S0	4 ... 40	24V AC/DC	**3RR2242-1FA30**	**94385.-**	**1**
	4 ... 40	24...240V AC/DC	**3RR2242-1FW30**	**100080.-**	**1**

For ordering terminal bracket for stand alone installation please refer page no. 47

*For ordering current monitoring relay 3RR with spring type terminals, please replace 8th digit from '1' to '2'

Line monitoring relays - 3UG

NEW

Phase Sequence	Phase Failure	Phase Imbalance	Under Voltage	Over Voltage	Delay times	Display	Contacts	Line Supply Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
Yes	Yes	10%	-	-	-	-	1 CO	160-690V	**3UG5512-1AR20**	**48060.-**	**1**
Yes	Yes	20%	160-690V	-	Off delay 0.1-20 s	-	2 CO	160-690V	**3UG5514-1BR20**	**72570.-**	**1**
Yes	Yes	Yes	90-690V	90-690V	Off delay 0.1-30 s	Yes	2 CO	90-690V	**3UG5616-1CR20**	**82505.-**	**1**

■ **Stock items**

LP - List Price

3UG Monitoring Relays for Electrical and Additional Measurements

Function	Version of Auxiliary Contacts	Control supply voltage Us[1]	Type	Unit LP ₹	Std. pkg (nos.).
	CO	V AC			
Phase Sequence Monitoring 3 Phase	1	200...690	3UG5511-1AR20	47430.-	1
	2		3UG5511-1BR20	52885.-	1
Monitoring of phase sequence, phase failure and phase unbalance	2	200...690	3UG5512-1BR20	55585.-	1
Digitally adjustable monitoring relay phase failure, phase sequence, asymmetry,frequency, over- and under-voltage monitoring 3x 90-690 V AC, 15-70 Hz	2	120...690	3UG5616-1CR20	82505.-	1
Digital monitoring relay current, active current, voltage, cos-phi and performance monitoring 90 to 690 V AC/DC with internal power supply 0.05 to 10 A 24 ... 240 V AC/DC, 50 .. 60 Hz ON delay and tripping delay 0.1..999.9 s 2 changeover contacts screw terminal	2	90...690	3UG5643-1CS20	76285.-	1
Analog monitoring relay voltage monitoring from 17 to 275 V AC/DC overshoot and undershoot self-supplied 24 to 240 V DC and AC 50 to 60 Hz ON delay and tripping delay 0.1..999.9 s 1 changeover contact screw terminal	1	Self Powered	3UG5533-1AL30	59945.-	1
Digital monitoring relay current, active current, voltage, cos-phi and performance monitoring up to 690 V AC/DC up to 10 A supply voltage 24 ... 240 V AC/DC, 50 .. 60 Hz ON delay and tripping delay 0.1..999.9 s 2 changeover contacts screw terminal	1	24...240V AC/DC	3UG5642-1CW30	76285.-	1
Analog monitoring relay level monitoring resistance monitoring from 0.5 to 500 kohm overshoot and undershoot supply voltage 24 ... 240 V AC/DC, 50 .. 60 Hz 2-step or 1-step control tripping delay 0.5-30 s 1 changeover contact screw terminal	1	24...240V AC/DC	3UG5501-1AW30	42600.-	1

Thermistor motor protection relay - 3RN2

Type of Thermistor	Reset	Contacts	Control Supply voltage	Type	Unit LP ₹	Std. pkg. (nos.)
PTC type A	Auto	1CO	24V-240V AC/DC	3RN2000-1AW30	22710.-	1

Insulation monitoring relay -3UG

Measuring Range Ue kΩ	Function	Measurable Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
1-110	Insulation monitors for ungrounded AC networks (control supply voltage 24-240V AC/DC)	0 ... 400V AC	3UG4581-1AW31	110255.-	1
		0 ... 250 AC	3UG4582-1AW31	101990.-	1
1-110	Insulation monitors for ungrounded DC & AC networks	0 ... 400 AC, 0 ... 600 DC[1]	3UG4583-1CW31	224700.-	1
	Voltage reducer modules	Extending the mains voltage range to max. 690 V AC and 1000 V DC	3UG4983-1AA01	120330.-	1

1) With 3UG4983-1AA01 voltage reducer module suitable also for the insulation monitoring of IT networks up to 690 V AC and 1000 V DC.

Timing and Monitoring Relays

Features and Benefits

- Two sizes for the entire range 17.5mm & 35mm width
- The entire range is suitable for DIN rail mounting
- Variant with digital display
- Auto / Manual reset



Relay	MLFB	Neutral loss protection	Phase failure protection	Imbalance protection	Phase reversal protection	Under voltage protection	Over voltage protection	Under freq protection	Over freq protection	Other parameters
Line monitoring relay	7UG0 712		✓	✓	✓					
	7UG0 814	✓	✓	✓	✓	✓	✓	✓	✓	
	7UG0 818		✓	✓	✓	✓	✓	✓	✓	
Voltage Monitoring relay	7UG0 753		✓		✓	✓	✓			
Current Monitoring relay	7UG0 82		✓	✓						Under-current and over-current protection
	7UG0 83		✓	✓						Under-current and over-current protection
Earth leakage relay	7UG0 84									Earth leakage protection
Earth fault monitoring relay	7UG0 86									Earth fault protection
Temperature controller (TC)	7UG0 48									Monitors temperature, input sensor TC/RTD
Water level controller relay	7UG08 85									Monitors and controls liquid level (conductive)
Thermistor protection relay	7UG08 81									Sensor input: Positive coefficient thermistor (PTC)

7UG0 monitoring relays

Description			Type	Unit LP ₹	Std. pkg. (nos.)
Line monitoring relay	Self powered	3Ph-3W	7UG0712-1AA20	2915.-	1
	Self powered	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	6830.-	1
	Self powered	3Ph-3W, 3Ph-4W	7UG0818-1CA20	6255.-	1
Voltage Monitoring relay	Self powered	3Ph-3W	7UG0753-1AA20	4970.-	1
Current Monitoring relay	230 V AC	1Ph-2W	7UG0822-1AD20	7705.-	1
	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	9840.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	9365.-	1
Earth leakage relay	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	10385.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	10490.-	1
CBCT for ELR		35mm	7UG09-96	3775.-	1
		70mm	7UG09-97	4320.-	1
		120mm	7UG09-99	7360.-	1
		210mm	7UG0 994*	14145.-	1
		310mm	7UG0 995*	21085.-	1
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W		7UG0861-1BU20	10730.-	1
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P		7UG09910	3700.-	1
	Core Balance CT 160 frame, 4P		7UG09911	4225.-	1
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P		7UG09912	4470.-	1
	Core Balance CT 250 frame, 4P		7UG09913	5270.-	1
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P		7UG09914	6595.-	1
	Core Balance CT 630 frame, 4P		7UG09915	7140.-	1
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display		7UG0571-1FT20	39235.-	1
	12 Stage with LCD display		7UG0572-1GT20	42030.-	1
	12 stage with LED display		7UG0572-1GT21	24030.-	1
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output		7UG0 480-1IU20	7875.-	1
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	4070.-	1
Sensor for water level controller relay	Pack of 3 sensor		7UG0985-0YY00	1220.-	1
Thermistor protection relay	110-240V AC/DC		7UG0881-1BU20	4740.-	1

7PV0 timers

Description			Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC		7PV0712-1AD20	2880.-	1
Multifunction timer with digital display	20-240V AC/DC	15 functions	7PV0732-1AV20	5660.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	10 functions	7PV0723-1AZ20	3775.-	1

Note: * Non RoHS and CE

Plug-in-relay - 7RQ

Now in TI - GREY NEW

Features and Benefits

- LED status indicator as a standard feature - allows personnel to see the relay status in dark conditions
- Mechanical indicators - allow personnel to see relay status under normal light or bright conditions
- Easy grip cover - adds to the ease of removing the relay from the socket
- Removable I.D. (identification) label- allows for easy identification
- Wide operating voltage range
- DIN rail / PCB mounting – Quick & Easy Installation



Relay		Standard Features	Control supply voltage* (V)		Type	Unit LP ₹	Std. pkg. (nos.)
1CO							
	6A 5 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0AC00	665.-	10
				48	7RQ0100-0AD00	885.-	10
				110	7RQ0100-0AE00	1200.-	10
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0AM10	840.-	10
				48	7RQ0100-0AN10	1200.-	10
				110	7RQ0100-0AP10	1250.-	10
				230	7RQ0100-0AR10	1275.-	10
2CO							
	6A 8 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0BC00	915.-	10
				48	7RQ0100-0BD00	1095.-	10
				110	7RQ0100-0BE00	1185.-	10
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0BM10	1065.-	10
				48	7RQ0100-0BN10	1185.-	10
				110	7RQ0100-0BP10	1210.-	10
				230	7RQ0100-0BR10	1230.-	10
2CO							
	10A 8 pin	• LED indicator	DC	24	7RQ0110-0BC00	1185.-	10
				48	7RQ0110-0BD00	1445.-	10
				110	7RQ0110-0BE00	1570.-	10
		• LED indicator	AC	24	7RQ0110-0BM00	1415.-	10
				48	7RQ0110-0BN00	1590.-	10
				110	7RQ0110-0BP00	1570.-	10
				230	7RQ0110-0BR00	1630.-	10
3CO							
	10A 11 pin	• LED indicator	DC	24	7RQ0100-0CC00	1515.-	10
				48	7RQ0100-0CD00	1590.-	10
				110	7RQ0100-0CE00	1850.-	10
		• LED indicator	AC	24	7RQ0100-0CM00	1605.-	10
				48	7RQ0100-0CN00	1695.-	10
				110	7RQ0100-0CP00	1815.-	10
				230	7RQ0100-0CR00	1850.-	10
4CO							
	5A 14 pin	• LED indicator	DC	24	7RQ0100-0DC00	1390.-	10
				48	7RQ0100-0DD00	1460.-	10
				110	7RQ0100-0DE00	1650.-	10
		• LED indicator	AC	24	7RQ0100-0DM00	1445.-	10
				48	7RQ0100-0DN00	1475.-	10
				110	7RQ0100-0DP00	1605.-	10
				230	7RQ0100-0DR00	1630.-	10

Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)
1CO				
10A 	PCB mounted	7RQ0202-1AX00	230.-	10
	Din rail mounting	7RQ0201-1AX00	400.-	10
2CO				
6A 	PCB mounted	7RQ0202-1BX00	230.-	10
	Din rail mounting	7RQ0201-1BX00	525.-	10
2CO				
10A 	PCB mounted	7RQ0212-1BX00	275.-	10
	Din rail mounting	7RQ0211-1BX00	670.-	10
3CO				
10A 	Din rail mounting	7RQ0201-1CX00	915.-	10
4CO				
7A 	PCB mounted	7RQ0202-1DX00	365.-	10
	Din rail mounting	7RQ0201-1DX00	645.-	10

*** Control supply voltage available upon request: DC: 6V, 12 & AC: 6V, 12V, 115V**



SIRIUS ACT

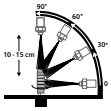
Performance in action

www.siemens.com/SIRIUS-Act

SIEMENS

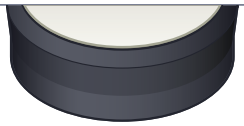
An overview of the variety

SIRIUS ACT products with standard IP69k.

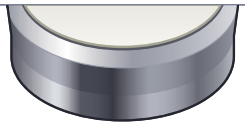


IP69k is the highest achievable rating and guarantees totally protection against dust, as well as high pressure, high temperature jets of water from multiple directions.

Body design lines and button colors



Black plastic, 22 mm Ø



Shiny metal, 22 mm Ø



Push buttons



Push button mom. cont./latching



Push button raised



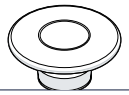
Push button raised front ring



Push button extended stroke



Stop button



Mushroom push button, mom. contact/latching, pull to unlatch



Twin push button



Mushroom push button, mom. contact/latching

Emergency stop



Mushroom push button w. mech. position indicator



Mushroom push button, rot. to unl. 30, 40, 60 mm



Mushroom push button, illuminated



Mushroom push button, with lock release key

Selector switches



Rotary knob, 4 positions



Potentiometer



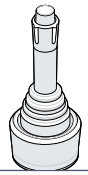
Toggle switch



Selector, short handle



Selector, long handle



Coordinate switch

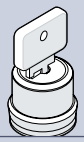
Key-operated switches



ID key-operated switch



BKS



O.M.R.



RONIS

Indicators

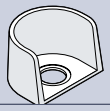


Indicator light, dual LED

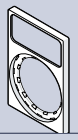


Acoustic signaling device

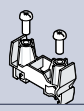
Accessories



Protective collar



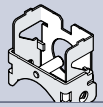
Label holder



PCB holder



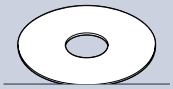
Protective cap



Locking device

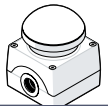


Sealing plug

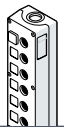


Backing plate

Enclosures



Palm push button



Enclosure 1, 2, 3, 4, 6 command points

A small selection of high demand models

Description	Plastic			Metal			Colour		
		Type	Unit LP ₹		Type	Unit LP ₹			
Pushbutton, 22 mm, round, flat momentary contact type		3SU1000-0AB_0-0AA0 ↑ Colour	2210.-		3SU1050-0AB_0-0AA0 ↑ Colour	2855.-	1 2 3 4 5 6 7 8	● ● ● ● ● ○ ○ ○	Black Red Yellow Green Blue White Clear Gray
Illuminated pushbutton, 22 mm, round, flat momentary contact type		3SU1001-0AB_0-0AA0 ↑ Colour	3080.-		3SU1051-0AB_0-0AA0 ↑ Colour	3480.-	0 2 3 4 5 6 7	● ● ● ● ● ○ ○	Amber Red Yellow Green Blue White Clear
Selector switch, 2 Position, illuminable, 22 mm, round, plastic, O-I, latching, actuating angle 90°, 10:30h/13:30h		3SU1002-2BF_0-0AA0 ↑ Colour	4790.-		3SU1052-2BF_0-0AA0 ↑ Colour	5335.-	1 2 3 4 5 6	● ● ● ● ● ○	Black Red Yellow Green Blue White
Selector switch, 3 position, illuminable, 22 mm, round switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h		3SU1002-2BL_0-0AA0 ↑ Colour	4790.-		3SU1052-2BL_0-0AA0 ↑ Colour	5335.-	1 2 3 4 5 6	● ● ● ● ● ○	Black Red Yellow Green Blue (only in plastic version) White
RONIS key-operated switch, 2 switch positions O-I, latching, actuating angle 90°		3SU1000-4BF01-0AA0	11660.-		3SU1050-4BF01-0AA0	12665.-			
RONIS key-operated switch, 3 switch positions I-O-II, latching, actuating angle 2x45°		3SU1000-4BL01-0AA0	12305.-		3SU1050-4BL01-0AA0	13350.-			
EMERGENCY STOP mushroom pushbutton, 22 mm, round, red, 40 mm, positive latching, rotate-to-unlatch		3SU1000-1HB20-0AA0	9270.-		3SU1050-1HB20-0AA0	10190.-			
EMERGENCY STOP mushroom pushbutton, illuminable, 22 mm, round, red, 40 mm, positive latching, rotate-to-unlatch		3SU1001-1HB20-0AA0	9720.-		3SU1051-1HB20-0AA0	11310.-			
Twin pushbutton, 22 mm, round, green: I, red: O, pushbuttons, flat and raised		3SU1000-3BB42-0AK0	4955.-		3SU1050-3BB42-0AK0	6030.-			
Indicator lights, 22 mm, round, lens, smooth		3SU1001-6AA_0-0AA0 ↑ Colour	1805.-		3SU1051-6AA_0-0AA0 ↑ Colour	2090.-	0 2 3 4 5 6 7	● ● ● ● ● ○ ○	Amber Red Yellow Green Blue White Clear

⊕

Description		Type	Unit LP ₹		Type	Unit LP ₹	
Holder to be selected along with individual Actuating and Signaling Elements		Plastic Holder 3SU1500-0AA10-0AA0*	980.-		Universal Holder - Suitable for Plastic and Metal 3SU1550-0AA10-0AA0*	1080.-	

Description			Type	Unit LP ₹
Contact Modules	1NO		3SU1400-1AA10-1BA0*	2240.-
	1NC		3SU1400-1AA10-1CA0*	2240.-
	1NO+1NC		3SU1400-1AA10-1FA0	3740.-
	2NO		3SU1400-1AA10-1DA0	5160.-
	2NC		3SU1400-1AA10-1EA0	5160.-
Protective collar for EMERGENCY STOP Mushroom pushbuttons			3SU1900-0DY30-0AA0	3720.-

* MOQ - 5

Description			Type	Unit LP ₹	Colour		
LED Modules	24V AC/DC		3SU1401-1BB_0-1AA0 *	3480.-	0	●	Amber
	110V AC		3SU1401-1BC_0-1AA0	6145.-	2	●	Red
	230V AC		3SU1401-1BF_0-1AA0	6145.-	3	●	Yellow
	6 ... 24 V AC/DC		3SU1401-1BG_0-1AA0	4190.-	4	●	Green
	24 ... 240V AC/DC		3SU1401-1BH_0-1AA0 ↑ Colour	7430.-	5	●	Blue
					6	○	White



SIRIUS ACT

Innovative Technology...
Simple Installations...

SIRIUS ACT with PROFINET

NEW

SIRIUS ACT with PROFINET connects pushbuttons and indicator lights directly via PROFINET to the controller and HMI devices – including with safety functions

Description		Type	Unit LP ₹
Push Button and Signaling Devices			
Multiple version available		3SU10_ _-_ _ _ _-_ _ _ _	Refer Page no. 79
Holder to be selected along with individual Actuating and Signaling Elements	Plastic	3SU1500-0AA10-0AA0	980.-
	Universal	3SU1550-0AA10-0AA0	1080.-
Profinet Interface Modules			
Standard IM, 24 V DC 1 ... 20 terminal modules can be connected		3SU1400-1LK10-1AA1	110425.-
Fail Safe IM F, 24 V DC 1 ... 20 terminal modules can be connected		3SU1400-1LL10-1BA1	172415.-
Profinet Terminal Modules			
With 2 contacts		3SU1400-1MA10-1BA1	16880.-
With 2 contacts and integrated LED		3SU1401-1MC_0-1CA1 ↑ Colour	17670.-
With integrated LED		3SU1401-1ME_0-1DA1 ↑ Colour	16340.-
Accessories			
Flat Ribbon Cable, 7-core		3SU1900-0KQ80-0AA0	3500.-

2 Contacts	2 Contacts with LED	LED	Colour		
			0	●	Amber
			2	●	Red
			3	●	Yellow
			4	●	Green
			5	●	Blue
			6	○	White

Modern Access Management

ID Key Operated Switches - Groups of employees or individuals can be authenticated by means of the ID key-operated switch. Color-coded keys for easy distinction between users.

Description			Type	Unit LP ₹
ID Key operated switches				
ID key-operated switches Number of switching positions: 4 Switch position for key removal: Key removal possible in all 4 positions		Plastic, black	3SU1000-4WS10-0AA0	25040.-
Holder Holder needs to be selected along with individual Actuating and Signaling Elements		Plastic	3SU1500-0AA10-0AA0	980.-

Description		Type	Unit LP ₹
Electronic Modules			
Electronic modules for ID key-operated switches		3SU1400-1GC10-1AA0	72330.-
ID Keys			
Green: ID Group 1		3SU1900-0FV40-0AA0	4680.-
Yellow: ID Group 2		3SU1900-0FW30-0AA0	
Red: ID Group 3		3SU1900-0FX20-0AA0	
Blue: ID Group 4		3SU1900-0FY50-0AA0	



SIRIUS 8WD46

Electronically configurable signaling column

NEW

SIEMENS

Indicating Lamps 3SB5

Compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5285-6HC01	625.-	10
		Green	■ 3SB5285-6HE01		10
		Amber	■ 3SB5285-6HL01		10
		Blue	■ 3SB5285-6HF01	1575.-	10
		White	3SB5285-6HG01	625.-	10
		Yellow	3SB5285-6HD01		10
		Clear	3SB5285-6HH01		10
	30V DC @	Red	3SB5285-6HC13	700.-	10
		Green	3SB5285-6HE13		10
		Amber	3SB5285-6HL13		10
		Blue	3SB5285-6HF13	1805.-	10
		White	3SB5285-6HG13	700.-	10
		Yellow	3SB5285-6HD13		10
		Clear	3SB5285-6HH13		10
	110 V AC 50/60 Hz	Red	■ 3SB5285-6HC02	625.-	10
		Green	■ 3SB5285-6HE02		10
		Amber	■ 3SB5285-6HL02		10
		Blue	■ 3SB5285-6HF02	1575.-	10
		White	3SB5285-6HG02	625.-	10
		Yellow	3SB5285-6HD02		10
		Clear	3SB5285-6HH02		10
	110 V DC@	Red	■ 3SB5285-6HC04	700.-	10
		Green	■ 3SB5285-6HE04		10
		Amber	■ 3SB5285-6HL04		10
		Blue	■ 3SB5285-6HF04	1805.-	10
		White	3SB5285-6HG04	700.-	10
		Yellow	3SB5285-6HD04		10
		Clear	3SB5285-6HH04		10
	220/240 V AC 50/60 Hz	Red	■ 3SB5285-6HC03	625.-	10
		Green	■ 3SB5285-6HE03		10
		Amber	■ 3SB5285-6HL03		10
		Blue	■ 3SB5285-6HF03	1575.-	10
		White	3SB5285-6HG03	625.-	10
		Yellow	3SB5285-6HD03		10
		Clear	3SB5285-6HH03		10
	220 V DC@	Red	■ 3SB5285-6HC05	700.-	10
		Green	■ 3SB5285-6HE05		10
		Amber	■ 3SB5285-6HL05		10
		Blue	■ 3SB5285-6HF05	1805.-	10
		White	3SB5285-6HG05	700.-	10
		Yellow	3SB5285-6HD05		10
		Clear	3SB5285-6HH05		10

Now also available in 415V - Prices on Request

Wide band compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 to 240 V AC & 24 to 240 V DC NEW	Red	■ 3SB5235-6HC14	1045.-	10
		Green	■ 3SB5235-6HE14		10
		Amber	■ 3SB5235-6HL14		10
		Blue	■ 3SB5235-6HF14	1790.-	10
		White	3SB5235-6HG14	1045.-	10
		Yellow	3SB5235-6HD14	1385.-	10
		Clear	3SB5235-6HH14		10

Modular Indicating Lamps (with plastic front ring) Lens Assembly

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	■ 3SB5201-6BC00	210.-	10
	Green	■ 3SB5201-6BE00		10
	Amber	■ 3SB5201-6BL00		10
	Blue	■ 3SB5201-6BF00		10
	White	3SB5201-6BG00		10
	Yellow	3SB5201-6BD00		10
	Clear	3SB5201-6BH00		10

Illumination Module $ - (suitable for INTEGRATED LED lamp)

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5400-7CC	545.-	10
		Green	■ 3SB5400-7CE	545.-	10
		Amber	■ 3SB5400-7CL	545.-	10
		Blue	■ 3SB5400-7CF	1735.-	10
		White†	3SB5400-7CG	545.-	10
		Yellow	3SB5400-7CD	545.-	10
	110 V AC 50/60 Hz	Red	■ 3SB5400-7EC	545.-	10
		Green	■ 3SB5400-7EE	545.-	10
		Amber	■ 3SB5400-7EL	545.-	10
		Blue	■ 3SB5400-7EF	1735.-	10
		White†	3SB5400-7EG	545.-	10
		Yellow	3SB5400-7ED	545.-	10
	110 V DC@	Red	■ 3SB5400-7DC	545.-	10
		Green	■ 3SB5400-7DE	545.-	10
		Amber	■ 3SB5400-7DL	545.-	10
		Blue	■ 3SB5400-7DF	1735.-	10
		White†	3SB5400-7DG	545.-	10
		Yellow	3SB5400-7DD	545.-	10
	230 V AC 50/60 Hz	Red	■ 3SB5400-7TC	545.-	10
		Green	■ 3SB5400-7TE	545.-	10
		Amber	■ 3SB5400-7TL	545.-	10
		Blue	■ 3SB5400-7TF	1735.-	10
		White†	3SB5400-7TG	545.-	10
		Yellow	3SB5400-7TD	545.-	10
	220 V DC@	Red	■ 3SB5400-7HC	545.-	10
		Green	■ 3SB5400-7HE	545.-	10
		Amber	■ 3SB5400-7HL	545.-	10
		Blue	■ 3SB5400-7HF	1735.-	10
		White†	3SB5400-7HG	545.-	10
		Yellow	3SB5400-7HD	545.-	10



@ Use of bridge rectified DC source (filtered O/P) recommended
† Can be used with clear lens.
$ Illumination module can be used with lens assembly, illuminated push buttons & illuminated selector actuators.

■ Stock items

Push buttons

Modular Push button actuators (with plastic front ring)

Description		Colour	Type	Unit LP ₹	Std Pkg (nos.)
Opaque actuator (with holder for contact block)					
	Normal	Red	■ 3SB5000-0AC01	185.-	10
		Green	■ 3SB5000-0AE01		
		Blue	■ 3SB5000-0AF01		
		White	■ 3SB5000-0AG01		
		Yellow	■ 3SB5000-0AD01		
		Black	■ 3SB5000-0AB01		
	Raised	Red	■ 3SB5000-0LC01	215.-	10
		Green	■ 3SB5000-0LE01		
		Blue	3SB5000-0LF01		
		White	3SB5000-0LG01		
		Yellow	3SB5000-0LD01		
		Black	3SB5000-0LB01		
Illuminated actuator (with holder for contact block)					
	Normal	Red	■ 3SB5001-0AC01-0PQ0	240.-	10
		Green	■ 3SB5001-0AE01-0PQ0		
		Amber	3SB5001-0AL01-0PQ0		
		Blue	3SB5001-0AF01-0PQ0		
		White	3SB5001-0AG01-0PQ0		
		Yellow	3SB5001-0AD01-0PQ0		
		Clear	3SB5001-0AH01-0PQ0		
	Raised	Red	■ 3SB5218-0LC01-0PQ0	255.-	10
		Green	■ 3SB5218-0LE01-0PQ0		
		Amber	3SB5218-0LL01-0PQ0		
		Blue	3SB5218-0LF01-0PQ0		
		White	3SB5218-0LG01-0PQ0		
		Yellow	3SB5218-0LD01-0PQ0		
		Clear	3SB5218-0LH01-0PQ0		

Modular Selector Actuators (with plastic front ring)

Description		Colour	Type	Unit LP ₹	Std Pkg (nos.)
2 position opaque selector actuator (with holder for contact block)					
	Maintained	Black	■ 3SB5000-2AB01	645.-	10
		Red	■ 3SB5000-2AC01		
	Momentary	Black	3SB5000-2BB01		
		Red	3SB5000-2BC01		
3 position opaque selector actuator (with holder for contact block)					
	Maintained	Black	■ 3SB5000-2DB01	655.-	10
		Red	■ 3SB5000-2DC01		
	Momentary	Black	■ 3SB5000-2EB01		
		Red	■ 3SB5000-2EC01		
2 position illuminated selector actuator (with holder for contact block)					
	Maintained	Red	■ 3SB5001-2AC01	625.-	10
		Green	■ 3SB5001-2AE01		
		Blue	3SB5001-2AF01		
		Yellow	3SB5001-2AD01		
		Clear	3SB5001-2AH01		
	Momentary	Red	■ 3SB5001-2BC01		
		Green	■ 3SB5001-2BE01		
		Blue	3SB5001-2BF01		
		Yellow	3SB5001-2BD01		
		Clear	3SB5001-2BH01		
3 position illuminated selector actuator (with holder for contact block)					
	Maintained	Red	■ 3SB5001-2DC01	660.-	10
		Green	■ 3SB5001-2DE01		
		Blue	3SB5001-2DF01		
		Yellow	3SB5001-2DD01		
		Clear	3SB5001-2DH01		
	Momentary	Red	■ 3SB5001-2EC01		
		Green	■ 3SB5001-2EE01		
		Blue	3SB5001-2EF01		
		Yellow	3SB5001-2ED01		
		Clear	3SB5001-2EH01		

Contact Blocks for Push button, Selector & Key Actuators

Description	Configuration	Type	Unit LP ₹	Std Pkg (nos.)
Contact blocks for rear mounting (for panel mounting)				
	1 NO	■ 3SB5400-0B	225.-	10
	1NC	■ 3SB5400-0C		10
	1NO + 1 NC	■ 3SB5400-0A	425.-	10
	2 NO	■ 3SB5400-0E		10
	2 NC	■ 3SB5400-0F		10



Mushroom Actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) (with holder for contact block)				
momentary	Black	3SB5000-1NB01	395.-	10
	Red	■ 3SB5000-1NC01		
push to trip, turn to release	Black	■ 3SB5000-1CB01	445.-	10



Mushroom Actuators (with plastic front ring) for Emergency Stop Specifications

NEW Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Enhanced Safety and Monitoring with MMCB				
Mushroom Actuator, E-Stop (40mm) with MMCB (1NC)	Red	3SB5204-0UC01	755.-	10
MMCB (Mounting Monitoring Contact Block,1NC)		3SB5400-0M	365.-	10

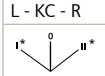
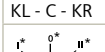
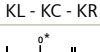
MMCB should be assembled only on middle slot "5-6" of the holder



Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) **push to trip, turn to release with 1NC**	Red	■ 3SB5203-0UC01	730.-	10
Mushroom actuator (40 mm ø) **push to trip, turn to release**	Red	3SB5000-0UC01	535.-	10
Mushroom actuator (40 mm ø) **push to trip, key to release**	Red	3SB5000-0TC01	2795.-	10



Modular key actuators (with plastic front ring)

Description			Type	Unit LP ₹	Std Pkg (nos.)
2 position key actuator (with holder for contact block)	Maintained	 L - KR	■ 3SB5000-4AC01	1045.-	10
		 KL - R	3SB5000-4AA01		10
		 KL - KR	3SB5000-4AB01		10
	Momentary	 KL < R	■ 3SB5000-4TA01		10
		 L > KR	3SB5000-4TC01		10
3 position key actuator (with holder for contact block)	Maintained	 L - KC - R	■ 3SB5000-4HA01	1095.-	10
		 KL - C - KR	3SB5000-4HC01		10
		 KL - KC - KR	3SB5000-4HB01		10
	Momentary	 L > KC < R	■ 3SB5000-4JA01		10

* Key removable position
L - Left, R - Right, C - Centre, KL - Key at Left, KR - Key at Right, KC - Key at Centre

Twin Push Button Actuators

Description	Type	Unit LP ₹	Std Pkg (nos.)
 Complete actuator with holder for contact block			
Opaque with 1NO & 1NC	3SB5201-7EC01	800.-	10
Illuminated with 1NO & 1NC	3SB5234-7EC01	840.-	10
Modular actuator with holder for contact block			
Opaque	3SB5000-7EC01	385.-	10
Illuminated	3SB5001-7EC01	400.-	10

■ **Stock items**

LP - List Price

Push button Stations

No. of control points	Description	Type	Unit LP ₹	Std Pkg (nos.)
Metal enclosure: Aluminum Die Cast				
1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5801-8AA3	2640.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	■ 3SB5801-8AN3	2840.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	■ 3SB5801-8AM3	3740.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5802-8AC3	3275.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	■ 3SB5802-8AE3	4145.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	■ 3SB5803-8AH3	4640.-	1
Pendant mounting: Aluminum Die Cast				
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5822-8AC3	4455.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5823-8AH3	5795.-	1
Plastic Enclosure				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5801-7AA3	1515.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	3SB5801-7AN3	1515.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	3SB5801-7AM3	1645.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5802-7AC3	1775.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	3SB5802-7AE3	2040.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5804-7AG3	2250.-	1
Pendant mounting: Plastic				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5821-7AA3	3260.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, " STOP"	3SB5822-7AC3	3990.-	1
3	Normal opaque push button - Green with 1NO contact block, "FORWARD" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5823-7AH3	5215.-	1



Accessories for push button stations

Description	Type	Unit LP ₹	Std Pkg (nos.)
Plastic Enclosures			
1 way, Grey	3SB5801-0AC3	1100.-	1
2 way, Grey	3SB5802-0AC3	940.-	1
3 way, Grey	3SB5803-0AC3	955.-	1
4 way, Grey	3SB5804-0AC3	2100.-	1
6 way, Grey	3SB5806-0AC3	2925.-	1
1 way, Yellow	3SB5801-0AD3	1100.-	1
Metal Enclosures			
1 way	3SB5801-4AC3	2230.-	1
2 way	3SB5802-4AC3	2420.-	1
3 way	3SB5803-4AC3	3365.-	1
Contact Block			
Contact block for base mounting, 1NO	■ 3SB54200B	225.-	10
Contact block for base mounting, 1NC	■ 3SB54200C	225.-	10
Inscription Labels (set of 11 labels)			
Set of 11 labels: Start, Stop, On, OFF, Up, Down, Open, Close Forward, Reverse, Emergency Off	3SB5901-3EA	430.-	10
Blanking plug			
Blanking plug	3SB5912-0BC	130.-	10

Accessories

Description		Type	Unit LP ₹	Std Pkg (nos.)
Inscription plates	START	■ 3SB5901-2EL	100.-	10
	STOP	■ 3SB5901-2EK		10
	ON	■ 3SB5901-2EB		10
	OFF	■ 3SB5901-2EC		10
	UP	3SB5901-2ED		10
	DOWN	3SB5901-2EE		10
	FORWARD	3SB5901-2EF		10
	SLOW	3SB5901-2ES		10
	FAST	3SB5901-2ER		10
	REVERSE	3SB5901-2EG		10
	BLANK	3SB5901-2AA		10
	TRIP	3SB5901-2EA		10
Thrust cap for Push Buttons (for actuating middle module)		■ 3SB5902-0AA	100.-	10
Thrust pad for Selector Actuators (for actuating middle module)		■ 3SB5912-0AN	100.-	10
Adaptor plate for replacing 30 mm PB by 22 mm		■ 3SB5921-0AE	100.-	10
E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)		3SB5921-0AB	100.-	10
E-stop Yellow dia. 75 mm with "EMERGENCY STOP" printing		3SB5921-0AD	100.-	10
Protective Cap (IP-67) for	Normal	3SB5902-0AK	120.-	10
	Raised	3SB5902-0AN		
Metallic holder for front connection actuators (when used outside 3SB508 stations)		3SB5911-1AA	145.-	10

■ **Stock items**



SIRIUS 3SE5
Position Switches

Modular design for all applications

Modular design with many standardized components

- Plug-in design and replacement of the actuator heads
- Exchangeable two and three pole contact blocks
- Turnable actuator heads around the axis in increments of 22.5°, with total 16 positions
- Quick-connect technology
- Optional LED Displays
- Communication Capable (AS-i Safe)

SIEMENS

Position Switches - 3SE5

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP R	Std. pkg. (nos.)
Open		Snap Action	1NO + 1NC	3SE5250-0CC05	1655.-	10
		Slow Action		3SE5250-0BC05	1570.-	10

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP R	Std. pkg. (nos.)
Open		Snap Action	1NO + 2NC	3SE5250-0LC05	2550.-	10
		Slow Action	1NO + 2NC	3SE5250-0KC05		10
		Slow action contacts with make before break	1NO + 2NC	3SE5250-0MC05		10
		Slow action	2NO + 1 NC	3SE5250-0PC05		10

Plastic enclosure: Enclosed type modular unit

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP R	Std. pkg. (nos.)
31mm (IP 65)		Snap Action	1NO + 1NC	3SE5232-0CC05	1835.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05	1770.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05	2690.-	1
		Slow Action	1NO + 2NC	3SE5232-0KC05		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5232-0MC05		1
		Slow Action	2NO + 1NC	3SE5232-0PC05		1
50mm (IP 66/67)		Snap Action	1NO + 1NC	3SE5242-0CC05	1970.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05	1800.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05	2905.-	1
		Slow Action	1NO + 2NC	3SE5242-0KC05		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5242-0MC05		1
		Slow Action	2NO + 1NC	3SE5242-0PC05		1

Metal enclosure: Enclosed type modular unit IP 66/ IP 67

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP R	Std. pkg. (nos.)
31mm		Snap Action	1NO + 1NC	3SE5212-0CC05	2920.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05	2650.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05	3130.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05	3335.-	1
		Slow Action	2NO + 1NC	3SE5212-0PC05		1
40mm		Snap Action	1NO + 1NC	3SE5112-0CA00	3155.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00	2830.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00	3390.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00	3570.-	1
		Slow Action	2NO + 1NC	3SE5112-0PA00		1
56mm		Snap Action	1NO + 1NC	3SE5122-0CA00	3520.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00	3235.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00	4495.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00	4885.-	1
		Slow Action	2NO + 1NC	3SE5122-0PA00		1

Plastic Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP R	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD03	680.-	5
Roller lever		3SE5000-0AE10	330.-	5
Angular Roller lever		3SE5000-0AF10	425.-	5
Part turn actuator for twist lever		3SE5000-0AK00	355.-	5
Twist Lever		3SE5000-0AA21#	290.-	5
Twist Lever (Adjustable)		3SE5000-0AA50#	575.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58#	865.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57#	650.-	5

Metal Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP R	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD04	755.-	5
Roller lever		3SE5000-0AE11	510.-	5
Part turn actuator for twist lever		3SE5000-0AK00	355.-	5
Twist Lever (Adjustable)		3SE5000-0AA51#	685.-	5
Plain Plunger		3SE5000-0AB01	965.-	5

Plastic Roller Actuators heads for metal 40mm and 56mm

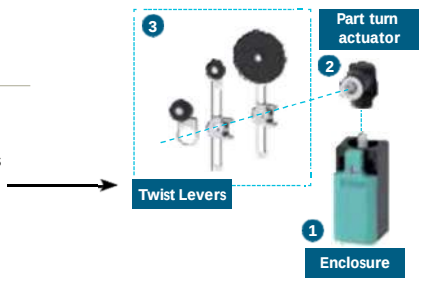
Actuator Type	Actuators heads	Type	Unit LP R	Std. pkg. (nos.)
Roller lever		3SE5000-0AE01	500.-	5
Angular Roller lever		3SE5000-0AF01	900.-	5
Part turn actuator for twist lever		3SE5000-0AH00	720.-	5
Twist Lever		3SE5000-0AA01#	330.-	5
Twist Lever (Adjustable)		3SE5000-0AA50#	575.-	5
Fork type		3SE5000-0AT01$	425.-	5
Mounting Head for Fork Type		3SE5000-0AT10	3715.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58#	865.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57#	650.-	5

Metal Roller Actuators heads for metal 40mm and 56mm

Actuator Type	Actuators heads	Type	Unit LP R	Std. pkg. (nos.)
Rounded Plunger		3SE5000-0AC02	605.-	5
Roller Plunger		3SE5000-0AD02	905.-	5
Roller lever		3SE5000-0AE02	820.-	5
Angular Roller lever		3SE5000-0AF02	1000.-	5
Part turn actuator for twist lever		3SE5000-0AH00	720.-	5
Twist Lever		3SE5000-0AA02#	400.-	5
Twist Lever (Adjustable)		3SE5000-0AA51#	685.-	5

Notes:

1. The basic switch comes with a Teflon plunger, in case of rounded plunger requirements no need to order actuator separately
2. # Twist levers are to be ordered with part turn actuator to allow fitment on enclosure
3. $ Fork type actuator shall be ordered with mounting head 3SE5000-0AT10



Spare and Accessories

Actuator Type		Description	Type	Unit LP R	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	3SE5250-0AC05	685.-	10

Spares for Open & enclosed switch

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP R	Std. pkg. (nos.)
Contact block		Slow action	1NO + 1NC	3SE5050-0BA00*	1405.-	10
		Snap action		3SE5050-0CA00*		10
		Slow action		3SE5000-0BA00		10
		Snap action		3SE5000-0CA00		10
		Slow action	1NO + 2NC	3SE5000-0KA00	1770.-	10
		Snap action		3SE5000-0LA00		10
		Slow-action contacts with make-before-break		3SE5000-0MA00	1865.-	10
		Slow action	2NO + 1 NC	3SE5000-0PA00		10

Note: 3SE5000-0BA00 can be used only with enclosed type switch

* Suitable for Open execution

Actuator Type		Description	Type	Unit LP R	Std. pkg. (nos.)
Cable gland		Molded Plastic Cable Gland, M20X1.5	3SX9926	2150.-	5

Actuator Type		Type	Type	Unit LP R	Std. pkg. (nos.)
31MM		Plastic	3SE5232-0AC05	1265.-	1
50MM			3SE5242-0AC05	1865.-	1
31MM		Metal	3SE5212-0AC05	2110.-	1
40MM			3SE5112-0AA00	2550.-	1
56MM			3SE5122-0AA00	2870.-	1



Position Switches - 3SE5

NEW

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 1NC	3SE5250-0CC05-8K	1220.-	10
		Slow Action		3SE5250-0BC05-8K	1165.-	10

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 2NC	3SE5250-0LC05-8K	1890.-	10
		Slow Action	1NO + 2NC	3SE5250-0KC05-8K		10
		Slow action contacts with make before break	1NO + 2NC	3SE5250-0MC05-8K		10
		Slow action	2NO + 1 NC	3SE5250-0PC05-8K		10

Plastic enclosure: Enclosed type modular unit

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm (IP 65)		Snap Action	1NO + 1NC	3SE5232-0CC05-8K	1355.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05-8K	1320.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05-8K	1990.-	1
		Slow Action	1NO + 2NC	3SE5232-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5232-0MC05-8K		1
		Slow Action	2NO + 1NC	3SE5232-0PC05-8K		1
50mm (IP 66/67)		Snap Action	1NO + 1NC	3SE5242-0CC05-8K	1460.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05-8K	1335.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05-8K	2155.-	1
		Slow Action	1NO + 2NC	3SE5242-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5242-0MC05-8K		1
		Slow Action	2NO + 1NC	3SE5242-0PC05-8K		1

Metal enclosure: Enclosed type modular unit IP 66/ IP 67

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm		Snap Action	1NO + 1NC	3SE5212-0CC05-8K	2175.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05-8K	1970.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05-8K	2320.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05-8K	2470.-	1
		Slow Action	2NO + 1NC	3SE5212-0PC05-8K		1
40mm		Snap Action	1NO + 1NC	3SE5112-0CA00-8K	2340.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00-8K	2080.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00-8K	2530.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00-8K	2650.-	1
		Slow Action	2NO + 1NC	3SE5112-0PA00-8K		1
56mm		Snap Action	1NO + 1NC	3SE5122-0CA00-8K	2620.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00-8K	2395.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00-8K	3340.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00-8K	3620.-	1
		Slow Action	2NO + 1NC	3SE5122-0PA00-8K		1

Plastic Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD03-8K	495.-	5
Roller lever		3SE5000-0AE10-8K	255.-	5
Angular Roller lever		3SE5000-0AF10-8K	315.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	260.-	5
Twist Lever		3SE5000-0AA21-8K#	215.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K#	430.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58-8K#	645.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K#	480.-	5

Metal Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

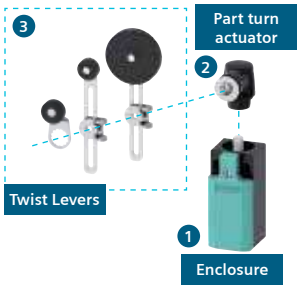
Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD04-8K	555.-	5
Roller lever		3SE5000-0AE11-8K	385.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	260.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K#	500.-	5
Plain Plunger		3SE5000-0AB01-8K	715.-	5

Plastic Roller Actuators heads for metal 40mm and 56mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller lever		3SE5000-0AE01-8K	365.-	5
Angular Roller lever		3SE5000-0AF01-8K	665.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	540.-	5
Twist Lever		3SE5000-0AA01-8K#	255.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K#	430.-	5
Fork type		3SE5000-0AT01-8K$	315.-	5
Mounting Head for Fork Type		3SE5000-0AT10-8K	2760.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58-8K#	645.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K#	480.-	5

Metal Roller Actuators heads for metal 40mm and 56mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Rounded Plunger		3SE5000-0AC02-8K	445.-	5
Roller Plunger		3SE5000-0AD02-8K	680.-	5
Roller lever		3SE5000-0AE02-8K	610.-	5
Angular Roller lever		3SE5000-0AF02-8K	735.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	540.-	5
Twist Lever		3SE5000-0AA02-8K#	305.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K#	500.-	5



Notes:

1. The basic switch comes with a Teflon plunger, in case of rounded plunger requirements no need to order actuator separately
2. # Twist levers are to be ordered with part turn actuator to allow fitment on enclosure
3. $ Fork type actuator shall be ordered with mounting head 3SE5000-0AT10-8K

Spare and Accessories

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	3SE5250-0AC05-8K	500.-	10

Spares for Open & enclosed switch

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Contact block		Slow action	1NO + 1NC	3SE5050-0BA00-8K*	1040.-	10
		Snap action		3SE5050-0CA00-8K*		10
		Slow action		3SE5000-0BA00-8K		10
		Snap action		3SE5000-0CA00-8K		10
		Slow action	1NO + 2NC	3SE5000-0KA00-8K	1320.-	10
		Snap action		3SE5000-0LA00-8K		10
		Slow-action contacts with make-before-break		3SE5000-0MA00-8K	1375.-	10
		Slow action	2NO + 1 NC	3SE5000-0PA00-8K		10

Note: 3SE5000-0BA00-8K can be used only with enclosed type switch

* Suitable for Open execution

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Cable gland		Molded Plastic Cable Gland, M20X1.5	3SX9926	2150.-	5

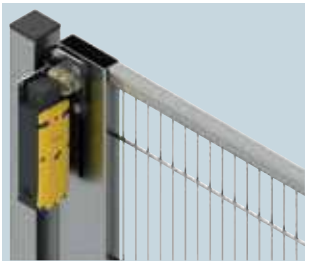
Actuator Type		Type	Type	Unit LP ₹	Std. pkg. (nos.)
31MM		Plastic	3SE5232-0AC05-8K	940.-	1
50MM			3SE5242-0AC05-8K	1375.-	1
31MM		Metal	3SE5212-0AC05-8K	1570.-	1
40MM			3SE5112-0AA00-8K	1890.-	1
56MM			3SE5122-0AA00-8K	2130.-	1



SIRIUS Safety switches

Mechanical Safety Switches With Tumbler

The safety switches with tumbler are exceptional safety-related devices which prevent an unforeseen or intentional opening of protective doors, protective grilles or other covers as long as a dangerous situation is present. Single switch can be used for SIL 2 / PL d safety level and with the use of a second switch SIL 3 / PL e safety level can be achieved.



		Solenoid Voltage	Plastic Enclosure 1300N Locking Force	Metal Enclosure 2600N Locking Force
 3SE5322-0SD21	With auxiliary release	24VDC	3SE5322-0SD21	3SE5312-0SD11
		115VAC	3SE5322-0SD22	3SE5312-0SD12
		230VAC	3SE5322-0SD23	3SE5312-0SD13
 3SE5322-0SE21	With auxiliary release with lock	24VDC	3SE5322-0SE21	3SE5312-0SE11
		115VAC	3SE5322-0SE22	3SE5312-0SE12
		230VAC	3SE5322-0SE23	3SE5312-0SE13
 3SE5322-0SF21	With escape release from the front	24VDC	3SE5322-0SF21	3SE5312-0SF11
		115VAC	3SE5322-0SF22	3SE5312-0SF12
		230VAC	3SE5322-0SF23	3SE5312-0SF13
 3SE5322-0SG21	With escape release from the back and auxiliary release from the front	24VDC	3SE5322-0SG21	3SE5312-0SG11
		115VAC	3SE5322-0SG22	3SE5312-0SG12
		230VAC	3SE5322-0SG23	3SE5312-0SG13
 3SE5322-0SJ21	With emergency release from the back and auxiliary release from the front	24VDC	3SE5322-0SJ21	3SE5312-0SJ11
		115VAC	3SE5322-0SJ22	3SE5312-0SJ12
		230VAC	3SE5322-0SJ23	3SE5312-0SJ13
 3SE5322-0SB21	Solenoid-locked	24VDC	3SE5322-0SB21	3SE5312-0SB11
		115VAC	3SE5322-0SB22	3SE5312-0SB12
		230VAC	3SE5322-0SB23	3SE5312-0SB13

Accessories


3SE5000-0AV01


3SE5000-0AV02


3SE5000-0AV03


3SE5000-0AV05-1AA6


3SE5000-0AV07

Description		Type
Standard actuator	Length 75.6 mm	3SE5000-0AV01
	With vertical fixing, length 53 mm	3SE5000-0AV02
	With transverse fixing, length 47 mm	3SE5000-0AV03
Radius actuator length 51mm	Direction of approach from the left	3SE5000-0AV04
	Direction of approach from the right	3SE5000-0AV06
Universal radius actuator	Length 77 mm	3SE5000-0AV05
	Length 77 mm, tab rotated 90°	3SE5000-0AV05-1AA6
Universal radius actuator, heavy duty	Length 67 mm	3SE5000-0AV07-1AK2
	Length 77 mm	3SE5000-0AV07

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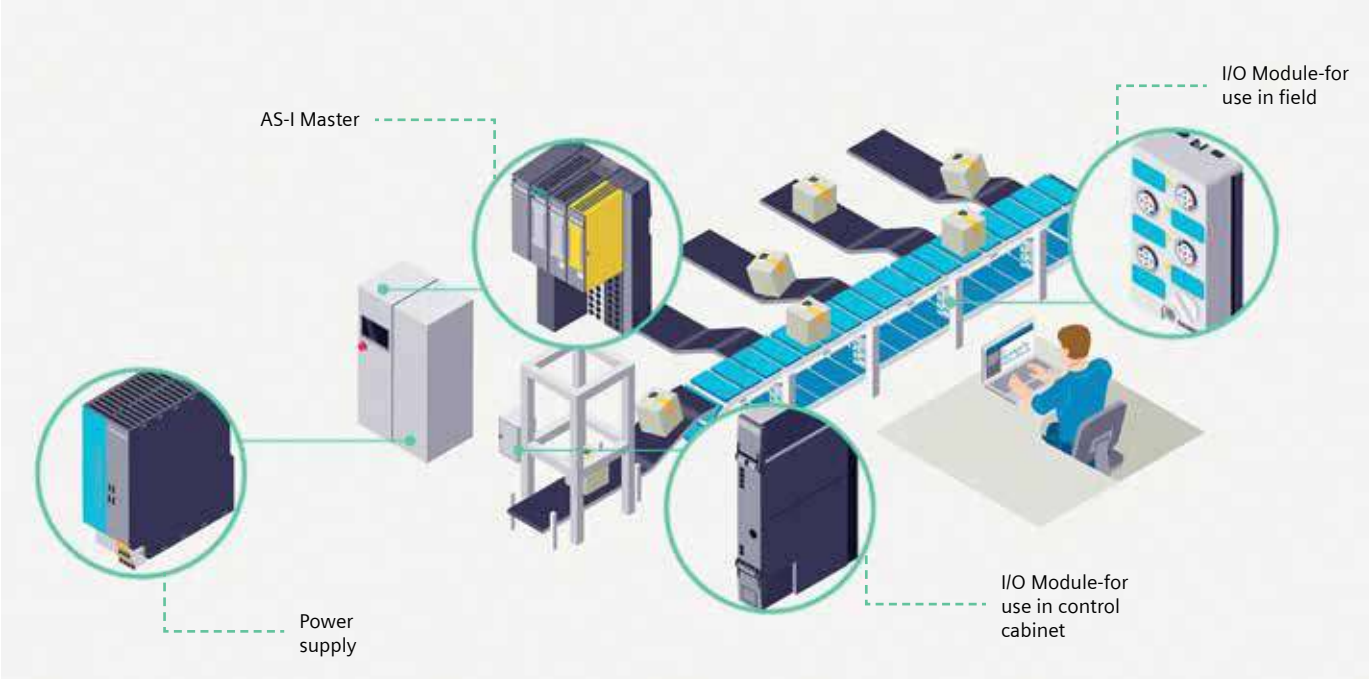




SIMOCODE pro:
Flexible, modular and safe

The made-to-measure motor management system

- Motor protection, monitoring and control in a single system
- Fail-safe disconnection of motors
- Detailed operating, service and diagnostics data
- Open communication via PROFIBUS / PROFINET and OPC UA

SIEMENS

SIMOCODE Pro

Basic Unit

Description	Type
Pro S on Profibus with 110-240VAC/DC control	3UF7020-1AU01-0
Pro S on Profibus with 24VDC control	3UF7020-1AB01-0
Pro V on Profibus with 110-240VAC/DC control	3UF7010-1AU00-0
Pro V on Profibus with 24VDC control	3UF7010-1AB00-0
Pro C on Profibus with 110-240VAC/DC control	3UF7000-1AU00-0
Pro C on Profibus with 24VDC control	3UF7000-1AB00-0
Pro V PN on Profinet with 110-240VAC/DC control	3UF7011-1AU00-0
Pro V PN on Profinet with 24VDC control	3UF7011-1AB00-0
Pro V on Modbus RTU with 110-240VAC/DC control	3UF7012-1AU00-0
Pro V on Modbus RTU with 24VDC control	3UF7012-1AB00-0
Pro V on EtherNet/IP with 110-240VAC/DC control	3UF7013-1AU00-0
Pro V on EtherNet/IP with 24VDC control	3UF7013-1AB00-0

Current Measuring Module

Description	Type
0.3 to 3A	3UF7100-1AA00-0
2.4 to 25A	3UF7101-1AA00-0
10 to 100A	3UF7102-1AA00-0
20 to 200A	3UF7103-1AA00-0
20 to 200A (Busbar Connection)	3UF7103-1BA00-0
63 to 630A (Busbar Connection)	3UF7104-1BA00-0

Current/Voltage Measuring Module (2nd generation)

Description	Type
0.3 to 4A	3UF7110-1AA01-0
3.0 to 40A	3UF7111-1AA01-0
10 to 115A	3UF7112-1AA01-0
20 to 200A	3UF7113-1AA01-0
20 to 200A (Busbar Connection)	3UF7113-1BA01-0
63 to 630A (Busbar Connection)	3UF7114-1BA01-0

Prices available on request

Operator Panel (Optional)

Description	Type
Operator Panel without display	3UF7200-1AA01-0
Operator Panel with Display (for Pro V)	3UF7210-1AA01-0

Connecting Cable

Description	Type
Side by Side (0.025m flat)	3UF7930-0AA00-0
Length 0.1m (flat)	3UF7931-0AA00-0
Length 0.3m (flat)	3UF7935-0AA00-0
Length 0.5m (flat)	3UF7932-0AA00-0
Length 0.5m (round)	3UF7932-0BA00-0
Length 1m (round)	3UF7937-0BA00-0
Length 2.5m (round)	3UF7933-0BA00-0

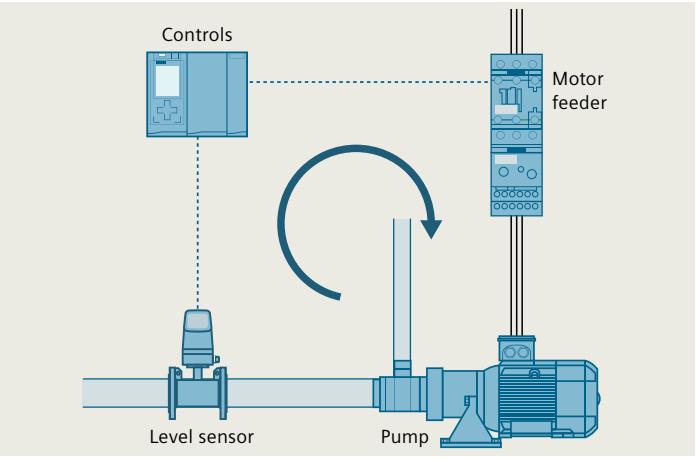
Configuration Software

Description	Type
SIRIUS SIMOCODE ES V21 Professional (online delivery); floating license for one user, engineering software.	3ZS1322-6CE21-0YB5
SIRIUS SIMOCODE ES V21 Professional (software and documentation on DVD, license key on USB); floating license for one user, engineering software	3ZS1322-6CC21-0YA5

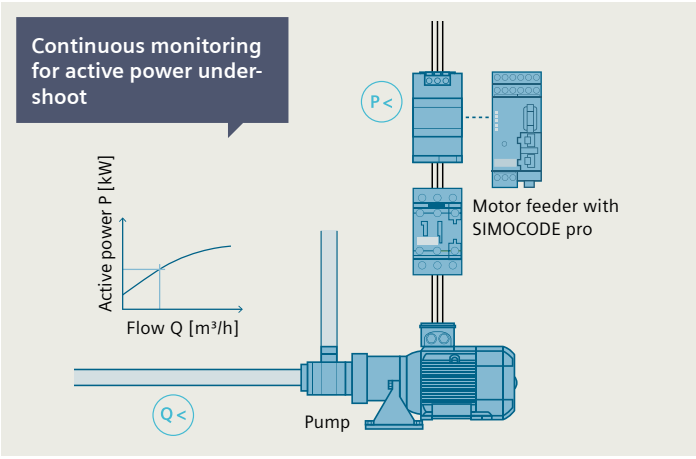
Accessories

Description	Type
PC Cable for PC/PG communication - USB connection	3UF7941-0AA00-0
Memory module for pro C	3UF7900-0AA01-0
Memory Module for pro S/V	3UF7901-0AA01-0
Addressing Plug for pro S, pro C & pro V on Profibus	3UF7910-0AA00-0
Door Adaptor	3UF7920-0AA00-0
Initialization module for the automatic parameterization of SIMOCODE pro S/pro V	3UF7902-0AA00-0

Your benefits through active power-based dry running protection



Conventional dry running monitoring with a sensor



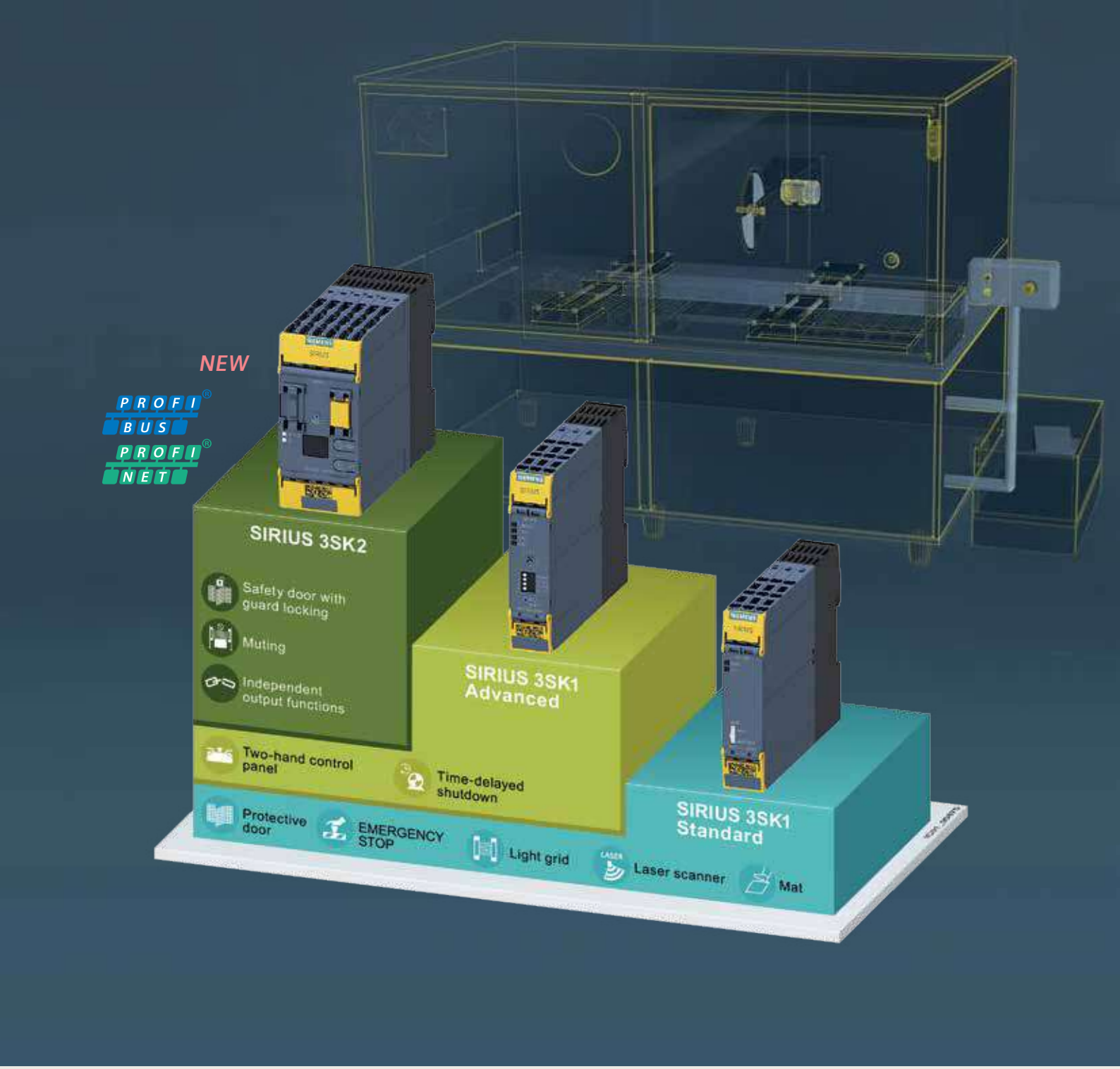
Active power-based dry running protection

Earlier fault detection
- Direct conclusions concerning the flow rate can be drawn from the active power consumption of the pump motor
- Reliable prevention of dry running of the pump and therefore less damage to the pump

Cost and time savings
- No maintenance effort due to the elimination of mechanical wear of the sensors
- No additional sensor required

Reduction of hardware
- No need for additional sensors and mechanical components
- Simplified engineering

Reliable monitoring of the system
- Compliance with ATEX and IECEx criteria
- Reliable and automatic pump switch-off in the event of inadmissible operating conditions



SIRIUS 3SK Safety relays

Select the optimum device – precisely for your application

SIRIUS 3SK safety relays offer outstanding simplicity and flexibility. Their modular design simplifies the planning, commissioning and expansion of plants. Simple safety functions, such as EMERGENCY STOP and protective door monitoring up to SIL 3 and PL e, can be quickly implemented without programming.

The safety relays are certified in accordance with IEC 62061 and ISO 13849-1 and are internationally applicable. The 3SK1 and 3SK2 versions of the device are available to meet differing requirements. The devices can be used for both stand-alone and integrated solutions.

www.siemens.com/safety-relays

SIEMENS

SIRIUS 3SK Safety relays

Relay enable circuit	Semiconductor enable circuit	Contacts				Rated control supply voltage	Unit LP ₹	MOQ
		EC	SC	EC (td)	Adjustable Time Delay (td)			
SIRIUS 3SK1 standard basic units								
3SK1111-1AB30		3	1	--	--	24V AC/DC	**72960.-**	**1**
3SK1111-1AW20		3	1	--	--	110-240V AC/DC	**72960.-**	**1**
	3SK1112-1BB40	2	1	--	--	24V DC	**67055.-**	**1**
SIRIUS 3SK1 advanced basic units								
3SK1121-1CB41		2	--	2	0.05...3 Sec	24V DC	**111810.-**	**1**
3SK1121-1CB42		2	--	2	0.5...30 Sec	24V DC	**111810.-**	**1**
3SK1121-1CB44		2	--	2	5.0...300 Sec	24V DC	**111810.-**	**1**
	3SK1122-1CB41	2	--	2	0.05...3 Sec	24V DC	**67055.-**	**1**
	3SK1122-1CB42	2	--	2	0.5...30 Sec	24V DC	**67055.-**	**1**
	3SK1122-1CB44	2	--	2	5.0...300 Sec	24V DC	**67055.-**	**1**
SIRIUS 3SK1 Output expansion module								
3SK1211-1BB00		4	1			24V AC	**65735.-**	**1**
3SK1211-1BB40		4	1			24V DC	**65735.-**	**1**
3SK1211-1BW20		4	1			110-240V AC/DC	**65735.-**	**1**
SIRIUS 3SK2 Basic Unit								
	3SK2112-1AA10	10	--	2	0.05...3 Sec	24V DC	**Prices available on request**	**1**
	3SK2122-1AA10	20	--	4	0.05...3 Sec			**1**

Note: EC = enable Circuit(s), SC = signaling circuit(s), td = delayed

Everything for your safety

Detecting

Which sensors can be connected?



SIRIUS 3SE5
position switches



SIRIUS ACT / 3SB5
Emergency STOP



SIRIUS ACT
Two-hand operation consoles



SIRIUS
foot switches

Evaluating

How can you perform quick, flexible evaluation?



SIRIUS 3SK
Safety relays



NEW

SIRIUS 3RQ1
Coupling relays

Reacting

Which actuators can be connected?



SIRIUS 3RT
Contactors



SIRIUS 3RW
Soft Starter



SIRIUS 3RM1
Motor Starters

SIRIUS 3RQ1 coupling relays NEW

The 3RQ1 relays are force-guided in accordance with IEC 60947-5-1 (IEC 61810-3), the mechanical connection between the contacts ensures the NO and NC contacts are never closed simultaneously. This means failures to open can be reliably recognized in order to ensure maximum safety.

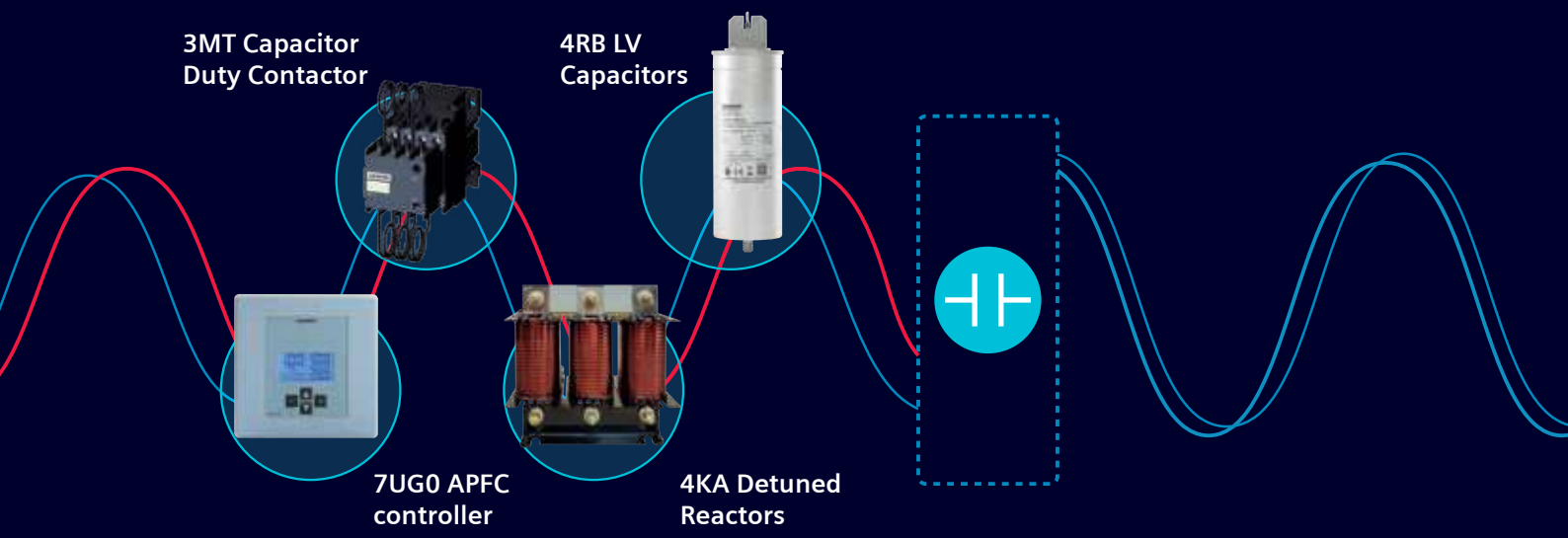
These coupling relays are also an integral component of the 3SK safety relay system and serve as an output expansion module. 3RQ1 coupling relays are available in two variants to fulfill SIL 2 & SIL 3.



Type	Contacts		Rated control supply voltage	Unit LP ₹	MOQ
	NO	NC			
3RQ1000-1EB00	1	1	24V DC	**Prices available on request**	**1**
3RQ1000-1GB00	2	1			**1**
3RQ1000-1HB00	2	2			**1**
3RQ1000-1LB00	4	1			**1**

Safety evaluation with TIA selection tool - The fast way to a safe solution

Power Factor Correction





SIEMENS

SIECAP™ LV Power Capacitors



ND (Normal Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to 200.I_N)
- Long life expectancy up to 100000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	5295.-	1
	6	4RB2060-3EE52-8K	5655.-	1
	7	4RB2070-3EE52-8K	6600.-	1
	7.5	4RB2075-3EE52-8K	7620.-	1
	8.3	4RB2083-3EE52-8K	7570.-	1
	10	4RB2100-3EE52-8K	8675.-	1
	12.5	4RB2125-3EE52-8K	10185.-	1
	15	4RB2150-3EE52-8K	12215.-	1
	20	4RB2200-3EE52-8K	16225.-	1
	20.8	4RB2208-3EE52-8K	16920.-	1
	25	4RB2250-3EE52-8K	20325.-	1
	28	4RB2280-3EE52-8K	22760.-	1
	30	4RB2300-3EE52-8K	24405.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	4875.-	1
	5.5	4RB2055-3EJ52-8K	5395.-	1
	10.4	4RB2104-3EJ52-8K	9615.-	1
	11.1	4RB2111-3EJ52-8K	10450.-	1
	12.5	4RB2125-3EJ52-8K	10705.-	1
	20.8	4RB2208-3EJ52-8K	17800.-	1
	25	4RB2250-3EJ52-8K	21385.-	1
	27.7	4RB2277-3EJ52-8K	23710.-	1
	30	4RB2300-3EJ52-8K	25695.-	1

 # Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.



Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors



HD (Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to 250.I_N)
- Long life expectancy up to 130000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	6220.-	1
	7.5	4RB2075-3EB53-8K	9695.-	1
	10.4	4RB2104-3EB53-8K	11460.-	1
	12.5	4RB2125-3EB53-8K	12420.-	1
	15	4RB2150-3EB53-8K	14920.-	1
	20	4RB2200-3EB53-8K	19890.-	1
	25	4RB2250-3EB53-8K	24860.-	1
440	5	4RB2050-3EE53-8K	6395.-	1
	7.5	4RB2075-3EE53-8K	9650.-	1
	10	4RB2100-3EE53-8K	11005.-	1
	12.5	4RB2125-3EE53-8K	12420.-	1
	15	4RB2150-3EE53-8K	14920.-	1
	20	4RB2200-3EE53-8K	19890.-	1
	25	4RB2250-3EE53-8K	24860.-	1
	30	4RB2300-3EE53-8K	29810.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	6395.-	1
	6.3	4RB2063-3EJ53-8K	7220.-	1
	10.4	4RB2104-3EJ53-8K	10710.-	1
	11	4RB2110-3EJ53-8K	11340.-	1
	12.5	4RB2125-3EJ53-8K	12880.-	1
	13.8	4RB2138-3EJ53-8K	14215.-	1
	15	4RB2150-3EJ53-8K	15450.-	1
	16.7	4RB2167-3EJ53-8K	17190.-	1
	18.7	4RB2187-3EJ53-8K	19250.-	1
	20	4RB2200-3EJ53-8K	20615.-	1
	22	4RB2220-3EJ53-8K	22640.-	1
	25	4RB2250-3EJ53-8K	25735.-	1
	28.1	4RB2281-3EJ53-8K	28935.-	1
	30	4RB2300-3EJ53-8K	30870.-	1
525	5	4RB2050-3FC53-8K	6600.-	1
	6.3	4RB2063-3FC53-8K	8000.-	1
	8.3	4RB2083-3FC53-8K	9735.-	1
	10.4	4RB2104-3FC53-8K	11075.-	1
	12.5	4RB2125-3FC53-8K	13325.-	1
	13.2	4RB2132-3FC53-8K	14065.-	1
	15	4RB2150-3FC53-8K	15970.-	1
	16.7	4RB2167-3FC53-8K	17815.-	1
	20	4RB2200-3FC53-8K	21295.-	1
	25	4RB2250-3FC53-8K	26615.-	1
	26.5	4RB2265-3FC53-8K	28225.-	1
	30	4RB2300-3FC53-8K	31965.-	1
	33.1	4RB2331-3FC53-8K	35250.-	1

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Std. Pkg. = 1 unit

* LP - List Price

LP - List Price

SIECAP™ LV Power Capacitors



SHD (Super Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to 500.I_N)
- Long life expectancy up to 200000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	9250.-	1
	6.3	4RB1063-3EB50-8K	11540.-	1
	7.5	4RB1075-3EB50-8K	13745.-	1
	10.4	4RB1104-3EB50-8K	12710.-	1
	12.5	4RB1125-3EB50-8K	15055.-	1
	15	4RB1150-3EB50-8K	18070.-	1
	20	4RB1200-3EB50-8K	24100.-	1
	25	4RB1250-3EB50-8K	30120.-	1
	28.1	4RB1281-3EB50-8K	33830.-	1
	30	4RB1300-3EB50-8K	36140.-	1
	33	4RB1330-3EB50-8K	39760.-	1
440	5	4RB1050-3EE50-8K	9000.-	1
	7.5	4RB1075-3EE50-8K	13680.-	1
	10	4RB1100-3EE50-8K	12230.-	1
	10.4	4RB1104-3EE50-8K	12710.-	1
	12.5	4RB1125-3EE50-8K	15055.-	1
	15	4RB1150-3EE50-8K	18070.-	1
	16.7	4RB1167-3EE50-8K	20120.-	1
	20	4RB1200-3EE50-8K	24100.-	1
	25	4RB1250-3EE50-8K	30120.-	1
	28.1	4RB1281-3EE50-8K	33830.-	1
	30	4RB1300-3EE50-8K	36140.-	1
	33.1	4RB1331-3EE50-8K	39865.-	1
480	5	4RB1050-3EJ50-8K	9605.-	1
	6.3	4RB1063-3EJ50-8K	11480.-	1
	8.3	4RB1083-3EJ50-8K	11155.-	1
	10.4	4RB1104-3EJ50-8K	12295.-	1
	11	4RB1111-3EJ50-8K	13740.-	1
	12.5	4RB1125-3EJ50-8K	15600.-	1
	13.8	4RB1138-3EJ50-8K	17230.-	1
	15	4RB1150-3EJ50-8K	18725.-	1
	16.7	4RB1167-3EJ50-8K	20830.-	1
	18.7	4RB1187-3EJ50-8K	23330.-	1
	20	4RB1200-3EJ50-8K	24965.-	1
	22	4RB1220-3EJ50-8K	27440.-	1
	25	4RB1250-3EJ50-8K	31165.-	1
	28.1	4RB1281-3EJ50-8K	35055.-	1
	30	4RB1300-3EJ50-8K	37415.-	1
	31	4RB1310-3EJ50-8K	38675.-	1
	33	4RB1330-3EJ50-8K	41185.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	9775.-	1
	6.3	4RB1063-3FC50-8K	11480.-	1
	8.3	4RB1083-3FC50-8K	11150.-	1
	10.4	4RB1104-3FC50-8K	12295.-	1
	12.5	4RB1125-3FC50-8K	16135.-	1
	13.2	4RB1132-3FC50-8K	17040.-	1
	15	4RB1150-3FC50-8K	19355.-	1
	16.7	4RB1167-3FC50-8K	21570.-	1
	20	4RB1200-3FC50-8K	25800.-	1
	25	4RB1250-3FC50-8K	32270.-	1
	26.5	4RB1265-3FC50-8K	34210.-	1
	30	4RB1300-3FC50-8K	38730.-	1
	33.1	4RB1331-3FC50-8K	42720.-	1
690	5.3	4RB1053-3GK50-8K	10585.-	1
	6.9	4RB1068-3GK50-8K	13145.-	1
	10.4	4RB1104-3GK50-8K	12710.-	1
	12.5	4RB1125-3GK50-8K	16680.-	1
	14.6	4RB1146-3GK50-8K	19480.-	1
	20	4RB1200-3GK50-8K	26670.-	1
	25	4RB1250-3GK50-8K	33350.-	1

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Std. Pkg. = 1 unit

* LP - List Price

Harmonics filter

Detuned reactor

Features

- Insulation class H
- High linearity
- Temperature control via micro switch
- Low losses and low noise

Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1220-1AC01-0AA0	53115.-
10kvar	5.67%	4KA1220-3AC01-0AA0	59925.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	65600.-
15kvar	5.67%	4KA1220-5AC01-0AA0	87555.-
20kvar	5.67%	4KA1220-6AC01-0AA0	91155.-
25kvar	5.67%	4KA1220-7AC01-0AA0	93120.-
5kvar	7%	4KA1220-1AA01-0AA0	40775.-
10kvar	7%	4KA1220-3AA01-0AA0	55945.-
12.5kvar	7%	4KA1220-4AA01-0AA0	60400.-
15kvar	7%	4KA1220-5AA01-0AA0	69740.-
20kvar	7%	4KA1220-6AA01-0AA0	74290.-
25kvar	7%	4KA1220-7AA01-0AA0	78180.-
50kvar	7%	4KA1220-2BA01-0AA0	139290.-
75kvar	7%	4KA1220-3BA03-0AA0	195345.-
100kvar	7%	4KA1220-4BA03-0AA0	245880.-
5kvar	14%	4KA1220-1AB01-0AA0	53690.-
12.5kvar	14%	4KA1220-4AB01-0AA0	110955.-
15kvar	14%	4KA1220-5AB01-0AA0	105520.-
20kvar	14%	4KA1220-6AB01-0AA0	129775.-
25kvar	14%	4KA1220-7AB01-0AA0	155290.-
50kvar	14%	4KA1220-2BB01-0AA0	254190.-
75kvar	14%	4KA1220-3BB03-0AA0	418190.-
100kvar	14%	4KA1220-4BB03-0AA0	502365.-

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	29350.-
10kvar	5.67%	4KA1420-3AC01-0AA0	38665.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	44220.-
15kvar	5.67%	4KA1420-5AC01-0AA0	51900.-
20kvar	5.67%	4KA1420-6AC01-0AA0	64540.-
25kvar	5.67%	4KA1420-7AC01-0AA0	66980.-
50kvar	5.67%	4KA1420-2BC01-0AA0	105255.-
5kvar	7%	4KA1420-1AA01-0AA0	32275.-
10kvar	7%	4KA1420-3AA01-0AA0	41540.-
12.5kvar	7%	4KA1420-4AA01-0AA0	45930.-
15kvar	7%	4KA1420-5AA01-0AA0	51765.-
20kvar	7%	4KA1420-6AA01-0AA0	55125.-
25kvar	7%	4KA1420-7AA01-0AA0	58965.-
50kvar	7%	4KA1420-2BA01-0AA0	101390.-
75kvar	7%	4KA1420-3BA03-0AA0	144005.-
100kvar	7%	4KA1420-4BA03-0AA0	180140.-
5kvar	14%	4KA1420-1AB01-0AA0	43090.-
10kvar	14%	4KA1420-3AB01-0AA0	73365.-
12.5kvar	14%	4KA1420-4AB01-0AA0	86995.-
15kvar	14%	4KA1420-5AB01-0AA0	91355.-
20kvar	14%	4KA1420-6AB01-0AA0	111115.-
25kvar	14%	4KA1420-7AB01-0AA0	126915.-
50kvar	14%	4KA1420-2BB01-0AA0	203505.-

Std. Pkg. = 1 unit

* LP - List Price



3MT7 Capacitor Duty Contactors

NEW

Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.

Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.

Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	4865.-	1NC	3MT70002JA016A..	4865.-	1
NEW 5kvar	1NO	3MT70005JA106A..	5390.-	1NC	3MT70005JA016A..	5390.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	6180.-	2NC	3MT70007JA026A..	6180.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	7385.-	2NC	3MT70010JA026A..	7385.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	7550.-	2NC	3MT70012JA026A..	7550.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	9995.-	2NC	3MT70016JA026A..	9995.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	11580.-	2NC	3MT70020JA026A..	11580.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	13275.-	2NC	3MT70025JA026A..	13275.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	20120.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	32475.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	36500.-				1
60kvar	1NO+2NC	3MT70060JA126A..	40405.-				1
80kvar	1NO+2NC	3MT70080JA126A..	49600.-				1
100kvar	1NO+2NC	3MT70100JA126A..	51550.-				1

@ Please enter coil codes from table below

Coil for Conatctors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type@	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	1460.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1715.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	4430.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	4830.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	1085.-	10
2NC	3MT70200CL09M1A	1085.-	10

Automatic Power Factor Correction Relay (APFC relay)

Features

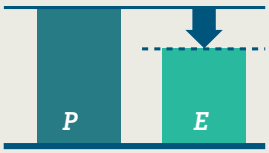
- Easy accessibility of parameters
- Universal control supply–optimizing the no of variants
- Automatic/ Linear/ rotational switching modes of banks
- Selectable 1A/ 5A current input
- LCD version with RS485 Communication MODBUS RTU Protocol
- Confirms to IEC60947-5-1, carry CE and RoHS Compliant



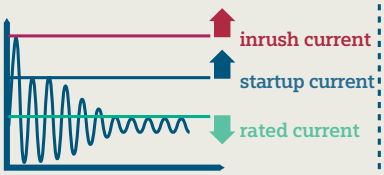
7UG0572-1GT20

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	39235.-	1
	12 Stage with LCD display	7UG0572-1GT20	42030.-	1
	12 stage with LED display	7UG0572-1GT21	24030.-	1

IE3- and IE4-compliant motors

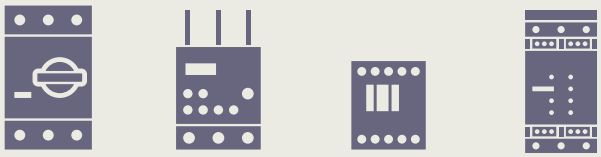


consume
less energy



but are characterized by
higher currents
during starting

This is why we have optimized our SIRIUS switching devices for IE3 and IE4 motors



For example



No false tripping
during startup process



Reliable switching capacity
for use with IE3 and IE4 motors

***IE3/IE4* ready**
AC-3e

SIRIUS controls

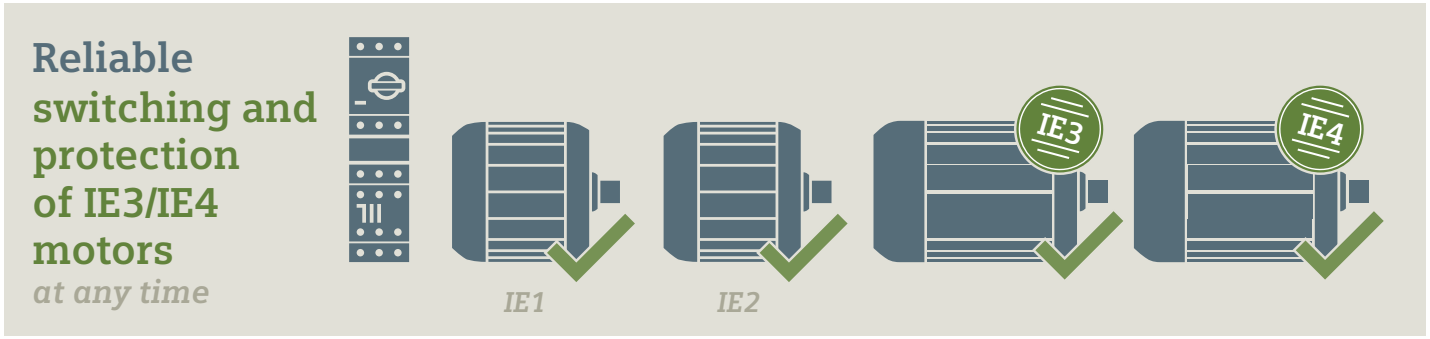
Reliable
switching and
protection of
motors
at all times



Are you IE3/IE4 ready?

Type 2 Solutions

SIEMENS



Fuseless selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(Motor starter protector 3RV2 + Contactor 3RT)

Suitable for IE3/IE4

- The selection is valid only for complete Siemens combinations i.e. MPCB + contactor + bi-relay (+timer)
- In case this combination is changed to accommodate another brand/rating of MPCB/MCCB/contactor/BMR, it shall be the responsibility of the person making such a change to assure Type 2 performance.
- Selection is for normal starting conditions (Class 10 Feeder). For heavy starting applications (e.g. ID/FD fans, reciprocating compressor, ball mills etc.), please consult Siemens.
- All selections with MPCB are Type tested, selections with MCCB are recommended. For type tested selections & higher breaking capacity refer “Load feeder configuration manual”.
- Low LCC = Low life cycle cost

3RV20 comes with in-built overload protection, hence external bi-relay is eliminated

Direct-on-line feeder, for low LCC

SL Motor		Circuit breaker@		Contactor		Bi-relay	
kW 415V, 3ph, 50/60 Hz	I_L Amps (Guide value)	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1.1	3RV2011-0KA10	1.25	3RT2015	7	#	0.9 ... 1.1
0.55	1.5	3RV2011-1AA10	1.6	3RT2015	7	#	1.1 ... 1.4
0.75	1.9	3RV2011-1BA10	2	3RT2015	7	#	1.8 ... 2.2
1.1	2.7	3RV2011-1DA10	3.2	3RT2015	7	#	2.2 ... 2.8
1.5	3.6	3RV2011-1FA10	5	3RT2024	12	#	3.5 ... 4.5
2.2	5.0	3RV2011-1GA10	6.3	3RT2024	12	#	4.5 ... 5.5
3.7	6.5	3RV2011-1HA10	8	3RT2024	12	#	5.5 ... 7
4	8.5	3RV2011-1JA10	10	3RT2024	12	#	7 ... 9
5.5	11.5	3RV2011-1KA10	12.5	3RT2024	12	#	9 ... 10
7.5	15.5	3RV2021-4BA10	20	3RT2027	32	#	13 ... 16
11	22	3RV2021-4CA10	22	3RT2027	32	#	18 ... 23
15	29	3RV2021-4EA10*	32	3RT2027	32	#	27 ... 30
18.5	35	3RV2032-4PA10	36	3RT2035	40	#	28 ... 32
22	41	3RV2032-4VA10	45	3RT2036	50	#	35 ... 42
30	55	3RV2032-4XA10	59	3RT2037	65	#	49 ... 54
37	66	3RV2032-4KA10	73	3RT2038	80	#	62 ... 70
45	80	3RV2042-4RA10	84	3RT2045	80	#	65 ... 80
55	97	3RV2042-4MA10	100	3RT2047	110	#	80 ... 100
55	97	3VA2216-5MN32-0AA0	160	3RT1054	115	#	63 ... 115
75	132	3VA2216-5MN32-0AA0	160	3RT1055	150	#	63 ... 140
90	160	3VA2220-5MN32-0AA0	200	3RT1056	185	#	80 ... 175
110	195	3VA2325-5MN32-0AA0	250	3RT1064	225	#	100 ... 225
132	230	3VA2440-5MN32-0AA0	400	3RT1065	265	#	160 ... 265
160	280	3VA2440-5MN32-0AA0	400	3RT1066	300	#	160 ... 300
200	350	3VA2450-5MN32-0AA0	500	3RT1075	400	#	200 ... 400
250	430	3VA2450-5MN32-0AA0	500	3RT1076	500	#	200 ... 440

* Starting current up to 256A

$ 3RV21 ‘relay function’ motor protection circuit-breaker can also be used in place of 3RV10 / 3RV20 MPCB respectively

@ Motor switching operations with circuit breaker 3VA are not allowed.

Alternative combinations with 3VA1 available, contact nearest sales office

For more motor feeder selection charts with various SIRIUS devices see configuration manual “Configuring SIRIUS Innovations – Selection Data for Fuseless and Fused Load Feeders”, https://support.industry.siemens.com/cs/ww/en/view/39714188

Fuseless selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3RV with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. MPCB / MCCB + contactor + bi-relay (+timer)
- In case this combination is changed to accommodate another brand/rating of MPCB/MCCB/contactor/BMR, it shall be the responsibility of the person making such a change to assure Type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). For heavy starting applications (e.g. ID/FD fans, reciprocating compressor, ball mills etc.), please consult Siemens.
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- All selections with MPCB are Type tested, selections with MCCB are recommended. For type tested selections & higher breaking capacity refer "Load feeder configuration manual".
- Low LCC = Low life cycle cost

Direct-on-line feeder, for low LCC

SL motor		Circuit breaker $		Contactor		Bi-relay	
kW 415V, 3ph, 50/60 Hz	I_L Amp	Type	Amp	Type	Amp	Type	Set-Range Amp
0.37	1.1	3RV2011-0KA10	1.25	3RT2015	7	#	0.9 ... 1.25
0.55	1.4	3RV2011-1AA10	1.6	3RT2015	7	#	1.1 ... 1.6
0.75	1.7	3RV2011-1BA10	2	3RT2015	7	#	1.4 ... 2
1.1	2.4	3RV2011-1DA10	3.2	3RT2015	7	#	2.2 ... 3.2
1.5	3.2	3RV2011-1EA10	4	3RT2015	7	#	2.8 ... 4
2.2	4.8	3RV2011-1GA10	6.3	3RT2024	12	#	4.5 ... 6.3
3.7	7.4	3RV2011-1HA10	8	3RT2024	12	#	5.5 ... 8
4	8.5	3RV2011-1JA10	10	3RT2024	12	#	7.....10
5.5	11.5	3RV2011-1KA10	12.5	3RT2024	12	#	9 ... 12.5
7.5	15	3RV2011-4AA10	16	3RT2026	25	#	10 ... 16
11	21	3RV2021-4DA10	25	3RT2027	32	#	20 ... 25
15	29	3RV2021-4EA10	32	3RT2027	32	#	27 ... 32
18.5	34	3RV2032-4UA10	40	3RT2035	40	#	32 ... 40
22	40	3RV2032-4VA10	45	3RT2036	50	#	35 ... 45
30	57	3RV2032-4JA10	65	3RT2037	65	#	54 ... 65
37	64	3RV2032-4KA10	73	3RT2038	80	#	62 ... 73
45	77	3RV2032-4RA10*	80	3RT2038	80	#	70 ... 80
55	101	3VA1112-5MH32-0AA0	125	3RT1054	115	3RU2156-5CB10-8K	90... 125
75	134	3VA1216-5MH32-0AA0	160	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3VA1220-5MH32-0AA0	200	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	190	3VA1325-5MH32-0AA0	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	228	3VA1325-5MH32-0AA0	250	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	269	3VA1332-5MH32-0AA0	320	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3VA1440-5MH32-0AA0	400	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3VA1450-5MH32-0AA0	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

$ 3RV11 / 3RV21 'relay function' motor protection circuit-breaker can also be used in place of 3RV10 / 3RV20 motor protection circuit-breaker respectively
# 3RV10 /3RV20 comes with in-built overload protection, hence external bi-relay is eliminated
* Starting current up to 720A

Suitable for IE2/IE3/IE4 Motors

Star-Delta feeder, for Low LCC

SL motor			Circuit breaker$		Contactor line/delta		Contactor star		Bi-relay		Timer
kW 415V, 3ph, 50/60 Hz	I_L Amps	IPh Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
5.5	11.5	6.7	3RV2321-4AC10	16	3RT2026	25	3RT2015	7	3RU2126-1HB0	5.5 - 8	3RP15
7.5	15.5	8.7	3RV2321-4AC10	16	3RT2026	25	3RT2015	7	3RU2126-1JB0	7-10	3RP15
11	22	12.2	3RV2321-4DC10	25	3RT2027	32	3RT2024	12	3RU2126-4AB0	11...16	3RP15
15	29	16.8	3RV2321-4EC10	32	3RT2027	32	3RT2024	12	3RU2126-4BB0	14 ... 20	3RP15
18.5	35	19.7	3RV2332-4UC10	40	3RT2035	40	3RT2027	32	3RU2136-4DB0	18 ... 25	3RP15
22	41	23.2	3RV2332-4VC10	45	3RT2036	50	3RT2027	32	3RU2136-4EB0	22 ... 32	3RP15
30	55	33.1	3RV2332-4JC10	65	3RT2037	65	3RT2035	40	3RU2136-4FB0	28 ... 40	3RP15
37	66	37.1	3RV2332-4KC10	73	3RT2038	80	3RT2035	40	3RU2136-4GB0	36 ... 45	3RP15
45	80	44.7	3RV2332-4RC10	80	3RT2038	80	3RT2035	40	3RU2136-4HB0	40 ... 50	3RP15
55	97	58.6	3VA1112-5MH32-0AA0	125	3RT2045	80	3RT2036	50	3RU2146-4JB0	45 ... 63	3RP15
75	134	77.7	3VA1216-5MH32-0AA0	160	3RT1054	115	3RT2037	65	3RU2156-5BB10-8K	70 ... 100	3RP15
90	156	90.5	3VA1220-5MH32-0AA0	200	3RT1055	150	3RT2038	80	3RU2156-5BB10-8K	70 ... 100	3RP15
110	190	110.2	3VA1325-5MH32-0AA0	250	3RT1056	185	3RT2046	95	3RU2156-5CB10-8K	90 ... 125	3RP15
132	228	132.2	3VA1325-5MH32-0AA0	250	3RT1056	185	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	269	156	3VA1332-5MH32-0AA0	320	3RT1064	225	3RT1054	115	3RU2166-5EB10-8K	140 ... 200	3RP15
200	350	203	3VA1440-5MH32-0AA0	400	3RT1065	265	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	249	3VA1450-5MH32-0AA0	500	3RT1066	300	3RT1064	225	3RU2166-5GB10-8K	220 ... 320	3RP15

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3KL with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- SDF: Switch Disconnector Fuse. All fuses are DIN HRC type.
- Tested Type 2 combinations
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

SL Motor		SDF		Fuse		Contactor		Bi-Relay	
kW 415V, 3ph, 50/60 Hz	I_L Amps	Type	Amp	Type	Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1.1	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-0KB0	0.9 ... 1.25
0.55	1.4	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-1AB0	1.1 ... 1.6
0.75	1.7	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1BB0	1.4 ... 2
1.1	2.4	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1DB0	2.2 ... 3.2
1.5	3.2	3KL811	20	3NA78030RC	10	3RT2015	7	3RU2116-1EB0	2.8 ... 4
2.2	4.8	3KL811	20	3NA78050RC	16	3RT2015	7	3RU2116-1GB0	4.5 ... 6.3
3.7	7.4	3KL811	20	3NA78070RC	20	3RT2024	12	3RU2126-1JB0	7...10
5.5	11.2	3KL812	32	3NA78100RC	25	3RT2024	12	3RU2126-1KB0	9 ... 12.5
7.5	15	3KL812	32	3NA78120RC	32	3RT2025	17	3RU2126-4AB0	11 ...16
11	21	3KL815	63	3NA78200RC	50	3RT2027	32	3RU2126-4DB0	20 ... 25
15	28	3KL815	63	3NA78220RC	63	3RT2035	40	3RU2136-4EB0	22 ... 32
18.5	34	3KL821	100	3NA78240RC	80	3RT2035	40	3RU2136-4FB0	28 ... 40
22	40	3KL821	100	3NA78240RC	80	3RT2036	50	3RU2136-4GB0	36 ... 45
30	57	3KL821	100	3NA78300RC	100	3RT2037	65	3RU2136-4QB0	47 ... 57
37	64	3KL822	125	3NA78320RC	125	3RT2038	80	3RU2136-4KB0	62 ... 73
45	77	3KL822	125	3NA78320RC	125	3RT2046	95	3RU2136-4RB0	70 ... 80
55	101	3KL823	160	3NA78360RC	160	3RT1054	115	3RU2156-5CB10-8K	90 ... 125
75	134	3KL831	200	3NA71400RC	200	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3KL832	250	3NA71440RC	250	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	190	3KL832	250	3NA71440RC	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	228	3KL833	315	3NA72520RC	315	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	269	3KL834	400	3NA72600RC	400	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3KL841	500	3NA33650RC	500	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3KL841	500	3NA33650RC	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

Star-Delta feeder, for Low LCC

SL Motor			SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Timer
kW 415V, 3ph, 50/60 Hz	I_L Amps	IPh Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
4	7.8	4.5	3KL811	20	3NA78030RC	10	3RT2023	9	3RT2023	9	3RU2126-1FB0	3.5 ... 5	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3RT2023	9	3RT2023	9	3RU2126-1HB0	5.5 ... 8	3RP15
7.5	15	9.2	3KL811	20	3NA78070RC	20	3RT2024	12	3RT2023	9	3RU2126-1JB0	7 ... 10	3RP15
11	21	12	3KL812	32	3NA78100RC	25	3RT2025	17	3RT2023	9	3RU2126-1KB0	9 ... 12.5	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3RT2026	25	3RT2025	17	3RU2126-4BB0	14 ... 20	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3RT2027	32	3RT2026	25	3RU2126-4CB0	17 ... 22	3RP15
22	40	23.2	3KL815	63	3NA78200RC	63	3RT2035	40	3RT2026	25	3RU2136-4DB0	18 ... 25	3RP15
30	57	30.6	3KL821	100	3NA78220RC	80	3RT2035	40	3RT2026	25	3RU2136-4EB0	22 ... 32	3RP15
37	64	37.5	3KL821	100	3NA78240RC	80	3RT2035	40	3RT2027	32	3RU2136-4FB0	28 ... 40	3RP15
45	77	45	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2028	40	3RU2136-4HB0	40 ... 50	3RP15
55	101	55.4	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2035	40	3RU2136-4JB0	54 ... 65	3RP15
75	134	75.6	3KL823	160	3NA78360RC	160	3RT2038	80	3RT2037	65	3RU2136-4RB0	70 ... 80	3RP15
90	156	90	3KL823	160	3NA78360RC	160	3RT2046	95	3RT2038	80	3RU2146-4LB0	70 ... 90	3RP15
110	190	113	3KL831	200	3NA71400RC	200	3RT1054	115	3RT1054	115	3RU2156-5CB10-8K	90 ... 125	3RP15
132	228	133	3KL832	250	3NA71440RC	250	3RT1055	150	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	269	162	3KL833	315	3NA72520RC	315	3RT1056	185	3RT1054	115	3RU2156-5EB10-8K	140 ... 200	3RP15
200	350	202	3KL834	400	3NA72600RC	400	3RT1064	225	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	248	3KL841	500	3NA33650RC	500	3RT1075	400	3RT1065	265	3RU2166-5GB10-8K	220 ... 320	3RP15

Available till stocks last

3TS Capacitor duty Contactors

Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
5 kvar	1 NO	3TS2110-0A..5-8K†	6275.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	6895.-				
10 kvar	–	3TS2200-0A..5-8K†	7495.-	1NO+1NC	3TS2211-0A..5-8K	8595.-	1
12.5 kvar	–	3TS1200-0A..5-8K†	7680.-	1NO+1NC	3TS1211-0A..5-8K	8775.-	1
16 kvar	–	3TS1300-0A..5-8K†	10555.-	1NO+1NC	3TS1311-0A..5-8K	11630.-	1
20 kvar	–	3TS1400-0A..5-8K†	11895.-	1NO+1NC	3TS1411-0A..5-8K	12940.-	1
25 kvar	–	3TS1500-0A..5-8K†	13725.-	1NO+1NC	3TS1511-0A..5-8K	14830.-	1
30 kvar	–	3TS2500-0A..5-8K†	21375.-	1NO+1NC	3TS2511-0A..5-8K	22490.-	1
40 kvar	2 NO + 2 NC	3TS2722-0A..5-8K	36280.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	42475.-				



† Facility to add one contact block of 1NO / 1NC

@ AC 50Hz coil code - Please enter coil codes from table below

	For 3TS contactors		
Code	F0	P0	R0
Coil voltage (V)	110	230	415

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	■ 3TX4010-2A	600.-	10
	1NC	■ 3TX4001-2A	600.-	10

3TS Capacitor Duty Spares

Spare coils

Contactor kVAr	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
5 kvar	AC 50Hz coil	3TY74030A..	2160.-	1
7 kvar				
10 kvar				
12.5 kvar				
16 kvar		3TY74430A..	2660.-	1
20 kvar				
25 kvar				
30 kvar				
40 kvar		3TY74630A..	4615.-	1
50 kvar				

* For coil, refer above table

Pre-charge resistor + Contact block kit

Contactor kVAr	Description	Type	Unit LP ₹	Std. pkg. (nos.)
10 kvar	Pre-charge resistor + early making contact block kit + main contacts kit	3TS9762-0SX15-8K	5160.-	1
12.5 kvar		3TS9762-0SX15-8K		1
16 kvar		3TS9763-0SX15-8K	7670.-	1
20 kvar		3TS9764-0SX15-8K	8645.-	1
25 kvar		3TS9765-0SX15-8K	10170.-	1
30 kvar		3TS9765-0SX15-8K		1
40 kvar		3TS9767-0SX15-8K	26155.-	1
50 kvar		3TS9767-0SX15-8K		1

Note: Pre-charge resistor + early making contact block kit + main contacts should be replaced simultaneously

Line monitoring relays - 3UG

Phase Sequence	Phase Failure	Phase Imbalance	Under Voltage	Over Voltage	Delay times	Display	Contacts	Line Supply Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
Yes	Yes	10%	-	-	-	-	1 CO	160-690V	3UG4512-1AR20	51230.-	1
Yes	Yes	20%	160-690V	-	Off delay 0.1-20 s	-	2 CO	160-690V	3UG4513-1BR20	68575.-	1
Yes	Yes	Yes	160-690V	160-690V	Off delay 0.1-20 s	Yes	2 CO	160-690V	3UG4615-1CR20	99425.-	1

3UG Monitoring Relays for Electrical and Additional Measurements

Hysteresis	Function	Version of Auxiliary Contacts	Control supply voltage Us[1)]	Type	Unit LP ₹	Std. pkg (nos.).
		CO	V AC			
--	Phase Sequence Monitoring 3 Phase	1	360...520	3UG4511-1AP20	51400.-	1
		2		3UG4511-1BP20	58095.-	1
--	Monitoring of phase sequence, phase failure and phase unbalance	2	160...690	3UG4512-1BR20	65780.-	1
Adjustable 1-20V	Digital Monitoring Relay, phase sequence, phase & N conductor failure (90...400 w.r.t. N), overvoltage and undervoltage (Tripping delay 1-20)[2)]	2[2)]	90...400 w.r.t. N	3UG4616-1CR20	115270.-	1

3UG Monitoring Relays for Electrical and Additional Measurements

Hysteresis	Function	Version of Auxiliary Contacts	Control supply voltage Us[1)]	Type	Unit LP ₹
		CO	V AC		
p.f. 0.1 & active current I_{res} 0.1...2.0A	Digital Power factor and active current monitoring (p.f. range 0.1 to 0.99 & & active current Ires 0.2-10A) ON-delay 0-99s, OFF-delay 0.1-20s)	2	90...690	3UG4641-1CS20	92955.-
0.1...150V	Digital Voltage Monitoring Relay range 17 to 275V AC/DC spikedelay 0.1 to 20 sec	1	Self Powered	3UG4633-1AL30	71095.-
0.1...300V	Digital Voltage Monitoring Relay range10...600V AC/DC, Delay 0.1..20sec	1	24...240V AC/DC	3UG4632-1AW30	75805.-
--	#Level Monitoring Relay sensitivity 2KΩ to 200KΩ. Tripping delay 0.1...10sec	1	24...240V AC/DC	3UG4501-1AW30	50520.-

Available till stocks last

8WN - 70mm Modular unit IP 65

Continuous light

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN4420-5AB00	Red	24 V AC/DC	9630.-	1
8WN4420-5AC00	Green			1
8WN4420-5AD00	Yellow			1
8WN4420-5AE00	White			1
8WN4420-5AF00	Blue			1
8WN4440-5AB00	Red	110 V AC/DC	8885.-	1
8WN4440-5AC00	Green			1
8WN4440-5AD00	Yellow			1
8WN4440-5AE00	White			1
8WN4440-5AF00	Blue			1
8WN4450-5AB00	Red	220 V AC	8885.-	1
8WN4450-5AC00	Green			1
8WN4450-5AD00	Yellow			1
8WN4450-5AE00	White			1
8WN4450-5AF00	Blue			1

Blinking light

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN4420-5BB00	Red	24 V AC/DC	10430.-	1
8WN4420-5BC00	Green			1
8WN4420-5BD00	Yellow			1
8WN4420-5BE00	White			1
8WN4420-5BF00	Blue			1
8WN4440-5BB00	Red	110 V AC/DC	10430.-	1
8WN4440-5BC00	Green			1
8WN4440-5BD00	Yellow			1
8WN4440-5BE00	White			1
8WN4440-5BF00	Blue			1
8WN4450-5BB00	Red	220 V AC	10430.-	1
8WN4450-5BC00	Green			1
8WN4450-5BD00	Yellow			1
8WN4450-5BE00	White			1
8WN4450-5BF00	Blue			1



Accessories for 70mm LED modular unit

Type	Description	Unit LP* ₹	Std. pkg. (nos.)
8WN4408-0AF00	Connection components, Screw terminals	2970.-	1
8WN4408-0AG00	Caps for light elements	295.-	1
8WN4408-0DH00	Feet with pipes, single; Length 60mm	500.-	1
8WN4408-0DJ00	Feet with pipes, single; Length 80mm	630.-	1
8WN4408-0DA00	Feet with pipes, single; Length 110mm	695.-	1
8WN4408-0CC00	Brackets for side mounting, use together with foot with pipe	630.-	1
8WN4408-0CF00	Brackets for side mounting,	2360.-	1

Type	Description	Unit LP* ₹	Std. pkg. (nos.)
8WN4408-0CG00	Fold-out support	1130.-	1
8WN4420-0GA00	24 V AC/DC, continuous buzzer	6935.-	1
8WN4420-0HA00	24 V AC/DC, discontinuous buzzer	8105.-	1
8WN4440-0GA00	110 V AC/DC, continuous buzzer	6935.-	1
8WN4440-0HA00	110 V AC/DC, discontinuous buzzer	8105.-	1
8WN4450-0GA00	220 V AC, continuous buzzer	6935.-	1
8WN4450-0HA00	220 V AC, discontinuous buzzer	8105.-	1

8WN - 50mm Preassembled unit IP 20

Continuous light without buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2221-6AB00	R	24V AC/DC	8885.-	1
8WN2222-6AG00	R, G		12815.-	1
8WN2223-6AJ00	R,Y,G		16640.-	1
8WN2241-6AB00	R	110 V AC/DC	8885.-	1
8WN2242-6AG00	R, G		12815.-	1
8WN2243-6AJ00	R,Y,G		16640.-	1
8WN2251-6AB00	R	220 V AC	8885.-	1
8WN2252-6AG00	R, G		12815.-	1
8WN2253-6AJ00	R,Y,G		16640.-	1

Continuous light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6JB00	R	24V AC/DC	10430.-	1
8WN2223-6JG00	R, G		14335.-	1
8WN2224-6JJ00	R,Y,G		18175.-	1
8WN2242-6JB00	R	110 V AC/DC	10430.-	1
8WN2243-6JG00	R, G		14335.-	1
8WN2244-6JJ00	R,Y,G		18175.-	1
8WN2252-6JB00	R	220 V AC	10430.-	1
8WN2253-6JG00	R, G		14335.-	1
8WN2254-6JJ00	R,Y,G		18175.-	1



Blinking light without buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2221-6BB00	R	24V AC/DC	10430.-	1
8WN2222-6BG00	R, G		14335.-	1
8WN2223-6BJ00	R,Y,G		18175.-	1

Blinking light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6MB00	R	24V AC/DC	11600.-	1
8WN2223-6MG00	R, G		15455.-	1
8WN2224-6MJ00	R,Y,G		19310.-	1

Continuous light with discontinuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6KB00	R	24V AC/DC	11600.-	1
8WN2223-6KG00	R, G		15455.-	1
8WN2224-6KJ00	R,Y,G		19310.-	1
8WN2242-6KB00	R	110 V AC/DC	11600.-	1
8WN2243-6KG00	R, G		15455.-	1
8WN2244-6KJ00	R,Y,G		19310.-	1
8WN2252-6KB00	R	220 V AC	11600.-	1
8WN2253-6KG00	R, G		15455.-	1
8WN2254-6KJ00	R,Y,G		19310.-	1

Blinking light with discontinuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6NB00	R	24V AC/DC	12815.-	1
8WN2223-6NG00	R, G		16640.-	1
8WN2224-6NJ00	R,Y,G		20465.-	1

Available till stocks last

Communication capable Power Contactors

Size	AC-3 Operational Current Ie up to 415V A	Motor rating at 415V, 50 Hz kW	Auxiliary contacts	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	7	3	1NO	3RT2015-1BB41-0CC0	7080.-	1
			1NC	3RT2015-1BB42-0CC0		
	9	4	1NO	3RT2016-1BB41-0CC0	7710.-	1
			1NC	3RT2016-1BB42-0CC0		
	12	5.5	1NO	3RT2017-1BB41-0CC0	8865.-	1
			1NC	3RT2017-1BB42-0CC0		
	16	7.5	1NO	3RT2018-1BB41-0CC0	10490.-	1
			1NC	3RT2018-1BB42-0CC0		
S0	9	4	1NO + 1NC	3RT2023-1BB40-0CC0	9395.-	1
	12	5.5	1NO + 1NC	3RT2024-1BB40-0CC0	10320.-	1
	17	7.5	1NO + 1NC	3RT2025-1BB40-0CC0	14465.-	1
	25	11	1NO + 1NC	3RT2026-1BB40-0CC0	17485.-	1
	32	15	1NO + 1NC	3RT2027-1BB40-0CC0	29250.-	1
	38	18.5	1NO + 1NC	3RT2028-1BB40-0CC0	40425.-	1

SIRIUS function module for AS-Interface

Version	SIRIUS function modules for AS-Interface	
	B	Unit LP ₹
Direct on line starting (S00, S0, S2, S3)	3RA2711-1AA00	16225.-
		
Reversing starting (S00, S0, S2, S3)	3RA2711-1BA00	30600.-
		
Star delta starting (S00, S0, S2, S3)	3RA2711-1CA00	47345.-
		

Solid state switching devices - 3RF



Solid state contactless switching for application requiring frequent switching

Rated current AC51 (max)	Type	Unit LP ₹	Std. pkg. (kits)
20	3RF2120-1AA45$	9330.-	1
30	3RF2130-1AA45$	14425.-	1
50	3RF2150-1AA45$	24005.-	1
70	3RF2170-1AA45$	27850.-	1
90	3RF2190-1AA45$	34450.-	1

$ To be used along with suitable heatsink



Discontinued

Power Contactors - SICOP 3TF

DC Coil	
Auxiliary contacts	Type Pl. fill in coil voltage code
2NO + 2NC $	3TF4602-0D..ZA01
2NO + 2NC $	3TF4702-0D..ZA01
2NO + 2NC $	3TF4702-0D..ZT00
2NO + 2NC $	3TF4772-0D..
2NO + 2NC $	3TF4822-0D..ZA01
2NO + 2NC $	3TF4922-0D..ZA01
2NO + 2NC $	3TF5002-0D..
2NO + 2NC $	3TF5102-0D..
2NO + 2NC $	3TF5202-0D..
2NO + 2NC $	3TF5302-0D..
2NO + 2NC $	3TF5402-0D..
2NO + 2NC $	3TF5502-0D..
2NO + 2NC $	3TF5602-0D..

7UG0 monitoring relays

Description	Voltage	Type
Speed monitoring relays	110-240V AC/DC	7UG0583-1CU20

Power Contactors - SICOP 3TF

Size	Rated current (A) Ie AC3 up to 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)	
			Auxiliary contacts	Type Pl. fill in coil voltage code
12	475	250	2NO+2NC $	■ 3TF5702-0C..

Spares for SICOP and SICONT Plus Contactors

SICOP main contact kits (set of 6 fixed & 3 moving contacts)

For Contactor (AC3 Rating)	Type
3TF57 (475A)	3TY7570-0YA

SICOP arc chambers

For Contactor	Type
3TF57	3TY7572-0YA

AC coils (50 Hz)

For contactor	Type†
3TF57	3TY7573-0C..

AC coils 50/60 Hz coil code: 3TF57

Coil Voltage (V)	110-132	■ 220-240	380-460
Code	F7	M7	Q7

MPCBs for motor protection - 3VS16

Overload release range A	Type (w/o aux. contact)	Type (with 1NO+1NC)
6 - 10	3VS1600-0ML00	3VS1600-1ML00
10 - 16	3VS1600-0MM00	3VS1600-1MM00
16 - 25	3VS1600-0MN00	3VS1600-1MN00
22 - 32	3VS1600-0MP00	3VS1600-1MP00
28 - 40	3VS1600-0MQ00	3VS1600-1MQ00
36 - 52	3VS1600-0MR00	3VS1600-1MR00

Spares for SICOP and SICONT Plus Contactors

DC coils

For contactor	Type
3TF46/47/477	3TY7463-0D..
3TF48/49	3TY7483-0D..
3TF50/51	3TY7503-0D..
3TF52/53	3TY7523-0D..
3TF54/55	3TY7543-0D..
3TF56	3TY7563-0D..

Adaptor Plates

Description (Adaptor plates for using in place of old relay terminal block required for independent mounting)	Type
3RU29/3RU19 (1.8-25A) replacing 3UA/3UR 52 (1-25A)	3UX8025
3RU19 (5.5-50A) replacing 3UA/3UR 55 (10-45A)	3UX8050
3RU19 (18-100A) replacing 3UA/3UR 58 (16-95A) & replacing 3UA/3UR 5830 (70-120A)	3UX8100

3RW40/44 Soft Starter

Description
3RW40 (higher ratings)/ 3RW44 Soft Starter and Accessories for 3RW44

3TS Converter duty Contactors

Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil
		Type
12	630	3TS5722-0C..1-8K*

Spares for 3TS Contactors

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*
3TS57	Spare main contact kits	3TS9157-01-8K

Spare coils

	AC Coil
3TS57	3TY7573-0C..

for 3TS57

AC 50/60Hz	Coil voltage (V)	110-132	220-240
	Code	F7	M7

* 3TS57 - Suitable for AC-1 applications. For frequency converter applications refer to the nearest Siemens office

Accessories for 3VS

Description	Version	Type
Undervoltage release	230 V, 50 Hz	3VU9132-0AB15
Shunt trip	230 V, 50 Hz 24 V, 50 Hz DC 110-240 V	3VU9132-0AB55 3VU9132-0AB50 3VU9132-0AB73
Three-phase busbar for 3VS13 only	In feed terminal (63 A)	3VU9135-1BB01
Toggle padlocking device	Locking in Off pos	3VU9168-0KA00
Three-phase busbar for 3VS13 only	busbars for 2 MPCBs	3VU9135-1AB02
	busbars for 3 MPCBs	3VU9135-1AB03
	busbars for 4 MPCBs	3VU9135-1AB04
	busbars for 5 MPCBs	3VU9135-1AB05

Discontinued

Communication capable Power Contactors

Size	AC-3 Operational Current Ie up to 415V A	Motor rating at 415V, 50 Hz kW	Auxiliary contacts	Type*
S2	50	22	1NO + 1NC	**3RT2036-1NB30-0CC0**
	65	30	1NO + 1NC	**3RT2037-1NB30-0CC0**
	80	37	1NO + 1NC	**3RT2038-1NB30-0CC0**
S3	95	45	1NO + 1NC	**3RT2046-1NB30-0CC0**
	110	55	1NO + 1NC	**3RT2047-1NB30-0CC0**

SIRIUS function module for AS-Interface

Version	SIRIUS function modules for AS-Interface
	C
Direct on line starting (S00, S0, S2, S3)	**3RA2712-1AA00**
	
Reversing starting (S00, S0, S2, S3)	**3RA2712-1BA00**
	
Star delta starting (S00, S0, S2, S3)	**3RA2712-1CA00**
	



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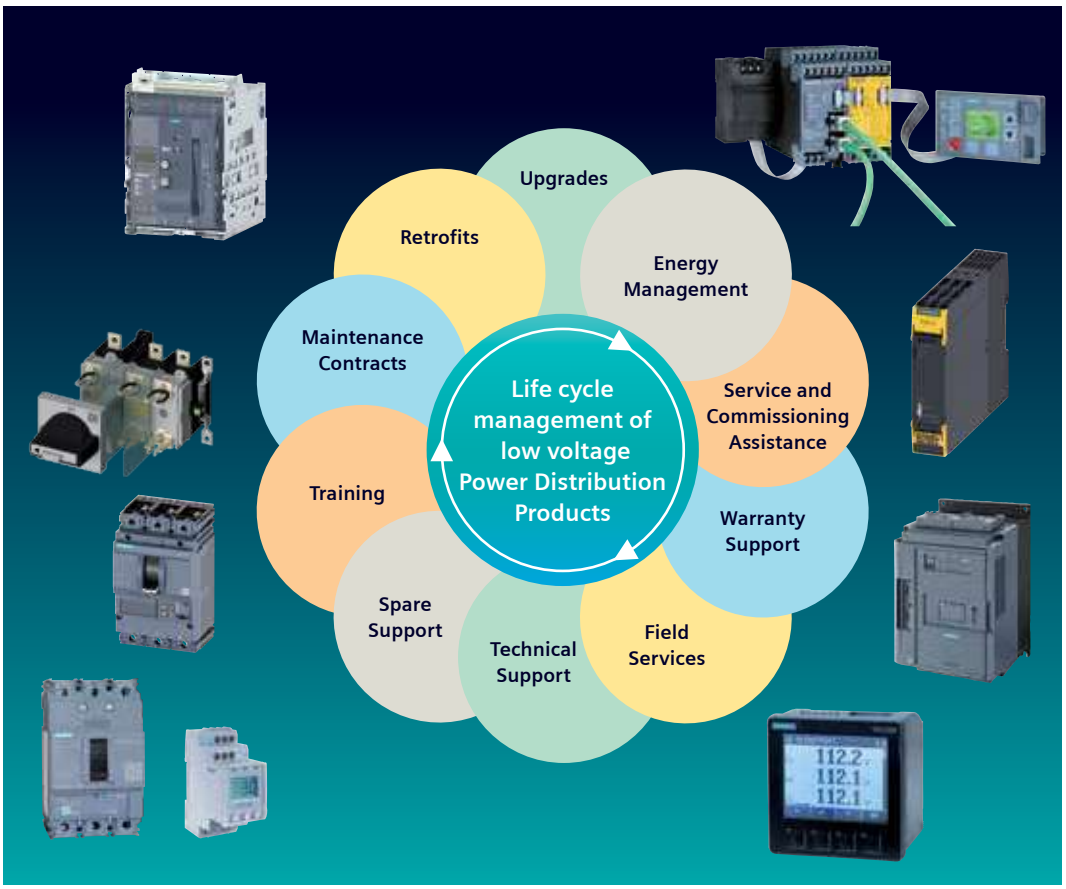

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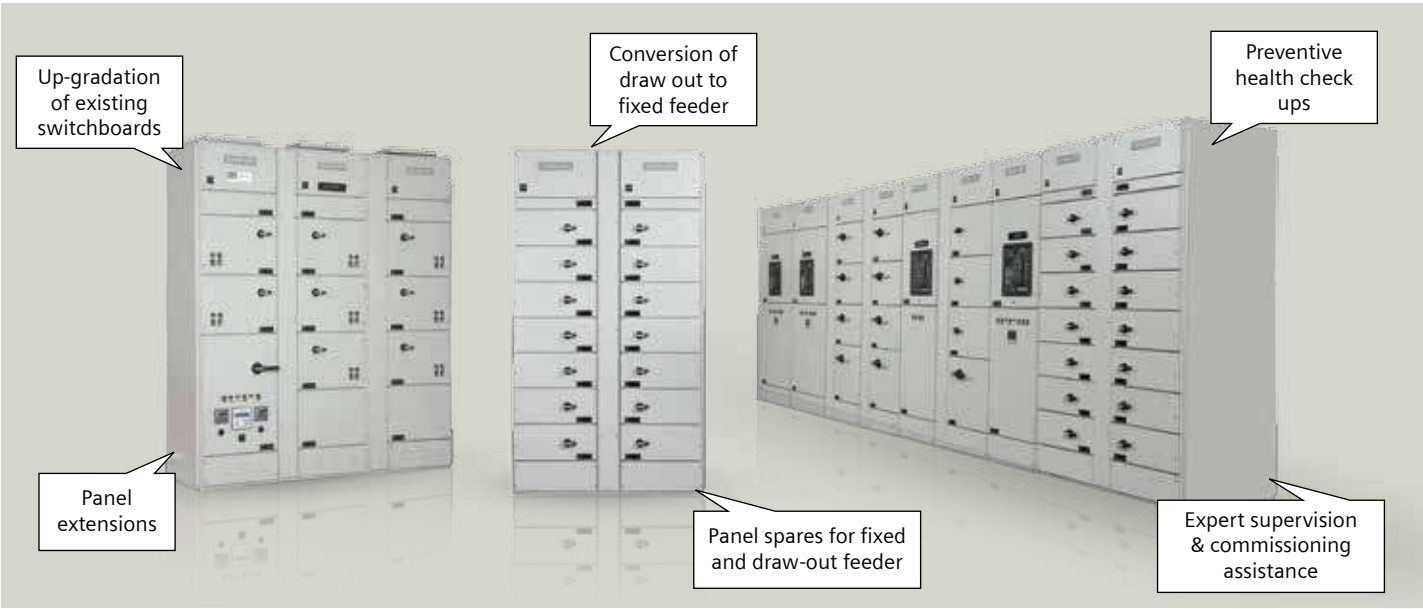

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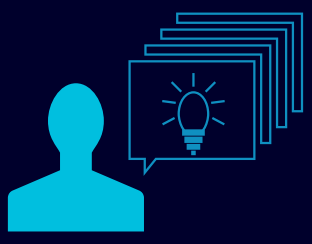

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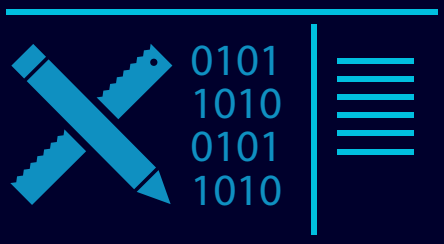

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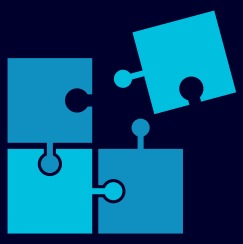

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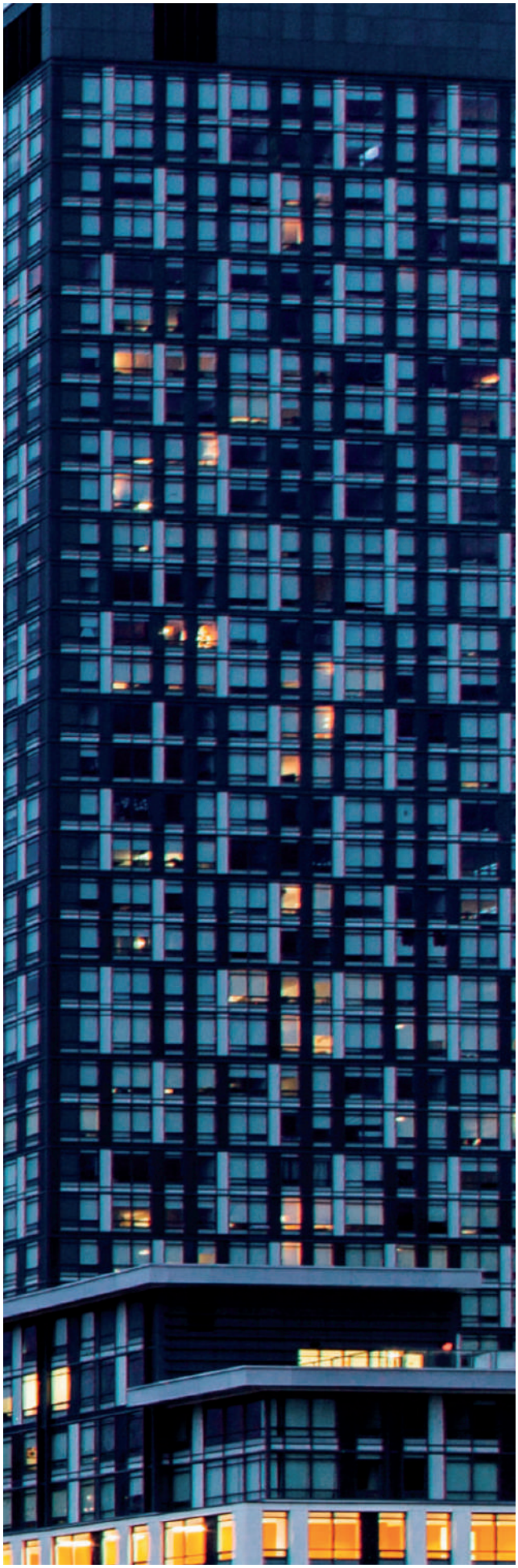
Index



Sr. No.	Items	Pg. No.
1	**Betagard Miniature Circuit Breakers**	
	5SL6, 7.5kA with C characteristics	5
	5SL6, 7.5kA with B characteristics	6
	5SL4, 10kA with C characteristics	7
	5SL7, with C characteristics	8
	5SL7, with D characteristics	9
2	**Betagard Circuit Breakers**	
	5SL7, with K characteristics	13
	5SL4, with Z characteristics	14
	5SP4, 10kA with C and D characteristics	15
	Betagard Isolators 5TL1	15
3	**Betagard DC Circuit Breakers**	
	5SL5, 10kA DC with C characteristics	16
4	**Betagard Residual Current Circuit Breakers**	
	5SV RCCB - Type AC, Type A	18
5	**SENTRON Residual Current Units**	
	5SM2..RC, RC Units - Type AC, Type A	20
	Accessories selection - Remote contol mechanism	21
6	**Betagard Residual Current Breaker Operators**	
	5SU1 RCBO, 10kA, Type AC with C and D characteristics	22
	5SU1 RCBO, 10kA, Type A with C and D characteristics	23
7	**Betagard Accessories**	24
8	**Opulenz**	25
9	**Arc Fault Detection Devices (AFDD)**	26-27
10	**SENTRON COM Devices** NEW	28
	5SV6 AFDD COM	29
	7KN Powercenter 1100	29
11	**SINOPLUS 5TR4 ACCL**	30
12	**Betagard Distribution Boards**	
	8GB32 SPN, TPN & Phase Segregated DBs	32-34
	Industrial Plug & Socket DBs, Simbox WP DBs	35
	Accessories for Betagard DBs	36
13	**SINOPLUS Low Voltage Switchgears**	37
14	**SENTRON Surge Protection Devices**	
	Surge Protection Devices	39-41
15	**SENTRON Modular Devices**	
	Insta contactors, Twilight switch	43
	Voltage relays, Indicators and Fuse monitors	44
	Time switches	45
16	**Fuses with insulated gripping lugs - 3NA6**	46
17	**SINOPLUS MCCBs - 3VJ, RAJA+ Starters ordering info**	47-49
18	**Switch Disconnector Fuses - 3KL and Fuses - 3NA/3NW ordering info**	50
19	**Available till stocks last**	51-52
20	**Discontinued products**	53
21	**Multi channel current measuring system**	54-55
22	**Technical information**	56-57
23	**Customer care**	58

Betagard 5SL MCBs – Inspiring Safety





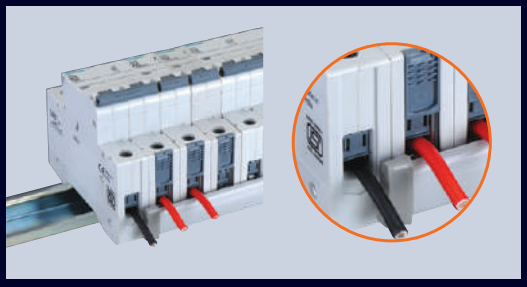
Unique SLR (Slide Latch-Release) feature for tool free removal from DIN rail allows individual MCB to be removed from bus bar mounted assembly without disturbing other devices

BIS approval for ISI marking as per latest IS/IEC 60898-1:2015 for assured quality and protection

IS/IEC 60898 - 1

CM/L No. 2255548





Unique termination mechanism enables firm mounting of Bus bar together with wire; and provides front access to wires for safe installation

Betagard Miniature Circuit Breakers
5SL6, with C Characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- With ISI marking: CM/L No. 2255548

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	0.5	1	5SL61057RC	1046.-	1/12
	1		■ 5SL61017RC	732.-	1/12
	2		5SL61027RC	732.-	1/12
	3		5SL61037RC	732.-	1/12
	4		■ 5SL61047RC	732.-	1/12
	6		■ 5SL61067RC	454.-	1/12
	8		5SL61087RC	454.-	1/12
	10		■ 5SL61107RC	454.-	1/12
	13		5SL61137RC	454.-	1/12
	16		■ 5SL61167RC	454.-	1/12
	20		■ 5SL61207RC	454.-	1/12
	25		5SL61257RC	454.-	1/12
	32		5SL61327RC	454.-	1/12
	40		5SL61407RC	998.-	1/12
	50		5SL61507RC	1148.-	1/12
	63		5SL61637RC	1148.-	1/12
2P, 415V AC 	0.5	2	5SL62057RC	2681.-	1/6
	1		5SL62017RC	2268.-	1/6
	2		5SL62027RC	2268.-	1/6
	3		5SL62037RC	2268.-	1/6
	4		5SL62047RC	2268.-	1/6
	6		■ 5SL62067RC	1697.-	1/6
	8		5SL62087RC	1697.-	1/6
	10		■ 5SL62107RC	1697.-	1/6
	13		5SL62137RC	1697.-	1/6
	16		5SL62167RC	1697.-	1/6
	20		■ 5SL62207RC	1697.-	1/6
	25		5SL62257RC	1697.-	1/6
	32		5SL62327RC	1697.-	1/6
	40		5SL62407RC	2382.-	1/6
	50		5SL62507RC	2796.-	1/6
	63		5SL62637RC	2796.-	1/6
3P, 415V AC 	0.5	3	5SL63057RC	3764.-	1/4
	1		5SL63017RC	3185.-	1/4
	2		5SL63027RC	3185.-	1/4
	4		5SL63047RC	3185.-	1/4
	6		■ 5SL63067RC	2549.-	1/4
	10		■ 5SL63107RC	2549.-	1/4
	16		■ 5SL63167RC	2549.-	1/4
	20		5SL63207RC	2549.-	1/4
	25		5SL63257RC	2549.-	1/4
	32		■ 5SL63327RC	2549.-	1/4
	40		■ 5SL63407RC	3567.-	1/4
	50		5SL63507RC	3983.-	1/4
	63		■ 5SL63637RC	3983.-	1/4
4P, 415V AC 	0.5	4	5SL64057RC	5195.-	1/3
	1		5SL64017RC	4396.-	1/3
	2		5SL64027RC	4396.-	1/3
	4		5SL64047RC	4396.-	1/3
	6		5SL64067RC	3524.-	1/3
	10		5SL64107RC	3524.-	1/3
	16		5SL64167RC	3524.-	1/3
	20		5SL64207RC	3524.-	1/3
	25		5SL64257RC	3524.-	1/3
	32		5SL64327RC	3524.-	1/3
	40		■ 5SL64407RC	4554.-	1/3
	50		5SL64507RC	5272.-	1/3
	63		■ 5SL64637RC	5272.-	1/3

■ Stock items

Note:
* MRP - Maximum Retail Price
# 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details
^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers
5SL6, with B Characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz
- With ISI marking: CM/L No. 2255548

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	6	1	■ 5SL61066RC	444.-	1/12
	10		5SL61106RC	444.-	1/12
	16		■ 5SL61166RC	444.-	1/12
	20		■ 5SL61206RC	444.-	1/12
	25		5SL61256RC	444.-	1/12
	32		■ 5SL61326RC	444.-	1/12
	40		5SL61406RC	992.-	1/12
	50		5SL61506RC	1114.-	1/12
	63		5SL61636RC	1114.-	1/12
2P, 415V AC	6	2	5SL62066RC	1679.-	1/6
	10		5SL62106RC	1679.-	1/6
	16		5SL62166RC	1679.-	1/6
	20		5SL62206RC	1679.-	1/6
	25		5SL62256RC	1679.-	1/6
	32		5SL62326RC	1679.-	1/6
	40		5SL62406RC	2361.-	1/6
	50		5SL62506RC	2773.-	1/6
	63		5SL62636RC	2773.-	1/6
3P, 415V AC	6	3	5SL63066RC	2549.-	1/4
	10		5SL63106RC	2549.-	1/4
	16		5SL63166RC	2549.-	1/4
	20		5SL63206RC	2549.-	1/4
	25		5SL63256RC	2549.-	1/4
	32		5SL63326RC	2549.-	1/4
	40		5SL63406RC	3522.-	1/4
	50		5SL63506RC	3949.-	1/4
	63		5SL63636RC	3949.-	1/4
4P, 415V AC	6	4	5SL64066RC	3506.-	1/3
	10		5SL64106RC	3506.-	1/3
	16		5SL64166RC	3506.-	1/3
	20		5SL64206RC	3506.-	1/3
	25		5SL64256RC	3506.-	1/3
	32		5SL64326RC	3506.-	1/3
	40		5SL64406RC	4375.-	1/3
	50		5SL64506RC	5257.-	1/3
	63		5SL64636RC	5257.-	1/3

■ Stock items

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details



Betagard Miniature Circuit Breakers
5SL4, with C characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- Breaking capacity: 10kA as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	0.5	1	5SL41057RC	1212.-	1/12
	2		■ 5SL41027RC	848.-	1/12
	3		5SL41037RC	848.-	1/12
	4		5SL41047RC	848.-	1/12
	6		■ 5SL41067RC	549.-	1/12
	8		5SL41087RC	549.-	1/12
	10		■ 5SL41107RC	549.-	1/12
	13		5SL41137RC	549.-	1/12
	16		■ 5SL41167RC	549.-	1/12
	20		■ 5SL41207RC	549.-	1/12
	25		5SL41257RC	549.-	1/12
	32		■ 5SL41327RC	549.-	1/12
	40		5SL41407RC	1197.-	1/12
	50		5SL41507RC	1233.-	1/12
	63		5SL41637RC	1233.-	1/12
2P, 415V AC 	0.5	2	5SL42057RC	3117.-	1/6
	2		■ 5SL42027RC	2638.-	1/6
	3		5SL42037RC	2638.-	1/6
	4		■ 5SL42047RC	2638.-	1/6
	6		■ 5SL42067RC	1891.-	1/6
	8		5SL42087RC	1891.-	1/6
	10		■ 5SL42107RC	1891.-	1/6
	13		5SL42137RC	1891.-	1/6
	16		■ 5SL42167RC	1891.-	1/6
	20		■ 5SL42207RC	1891.-	1/6
	25		5SL42257RC	1891.-	1/6
	32		5SL42327RC	1891.-	1/6
	40		5SL42407RC	3049.-	1/6
	50		5SL42507RC	3049.-	1/6
	63		5SL42637RC	3049.-	1/6
3P, 415V AC 	0.5	3	5SL43057RC	5036.-	1/4
	2		5SL43027RC	4261.-	1/4
	3		5SL43037RC	4261.-	1/4
	4		5SL43047RC	4261.-	1/4
	6		■ 5SL43067RC	3176.-	1/4
	8		5SL43087RC	3176.-	1/4
	10		■ 5SL43107RC	3176.-	1/4
	13		5SL43137RC	3176.-	1/4
	16		■ 5SL43167RC	3176.-	1/4
	20		■ 5SL43207RC	3176.-	1/4
	25		5SL43257RC	3176.-	1/4
	32		■ 5SL43327RC	3176.-	1/4
	40		5SL43407RC	4805.-	1/4
	50		5SL43507RC	4805.-	1/4
	63		■ 5SL43637RC	4805.-	1/4
4P, 415V AC 	0.5	4	5SL44057RC	6330.-	1/3
	2		5SL44027RC	5356.-	1/3
	3		5SL44037RC	5356.-	1/3
	4		5SL44047RC	5356.-	1/3
	6		5SL44067RC	4396.-	1/3
	8		5SL44087RC	4396.-	1/3
	10		5SL44107RC	4396.-	1/3
	13		5SL44137RC	4396.-	1/3
	16		5SL44167RC	4396.-	1/3
	20		5SL44207RC	4396.-	1/3
	25		5SL44257RC	4396.-	1/3
	32		■ 5SL44327RC	4396.-	1/3
	40		5SL44407RC	5996.-	1/3
	50		5SL44507RC	5996.-	1/3
	63		■ 5SL44637RC	5996.-	1/3

■ Stock items

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact Sales Office for connection diagram)

Betagard Miniature Circuit Breakers
5SL7, with C characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity: 15kA[1)] as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	0.5	1	5SL71057RC	1390.-	1/12
	1		5SL71017RC	970.-	1/12
	2		5SL71027RC	955.-	1/12
	4		5SL71047RC	955.-	1/12
	6		5SL71067RC	820.-	1/12
	10		5SL71107RC	820.-	1/12
	16		5SL71167RC	820.-	1/12
	20		5SL71207RC	820.-	1/12
	25		5SL71257RC	820.-	1/12
	32		5SL71327RC	820.-	1/12
	40		5SL71407RC	1290.-	1/12
	50		5SL71507RC	1300.-	1/12
	63		5SL71637RC	1300.-	1/12
2P, 415V AC	0.5	2	5SL72057RC	3420.-	1/6
	1		5SL72017RC	2895.-	1/6
	2		5SL72027RC	2835.-	1/6
	4		5SL72047RC	2835.-	1/6
	6		5SL72067RC	2065.-	1/6
	10		5SL72107RC	2065.-	1/6
	16		5SL72167RC	2065.-	1/6
	20		5SL72207RC	2065.-	1/6
	25		5SL72257RC	2065.-	1/6
	32		5SL72327RC	2065.-	1/6
	40		5SL72407RC	3110.-	1/6
	50		5SL72507RC	3110.-	1/6
	63		5SL72637RC	3110.-	1/6
3P, 415V AC	0.5	3	5SL73057RC	5235.-	1/4
	1		5SL73017RC	4430.-	1/4
	2		5SL73027RC	4350.-	1/4
	4		5SL73047RC	4350.-	1/4
	6		5SL73067RC	3285.-	1/4
	10		5SL73107RC	3285.-	1/4
	16		5SL73167RC	3285.-	1/4
	20		5SL73207RC	3285.-	1/4
	25		5SL73257RC	3285.-	1/4
	32		5SL73327RC	3285.-	1/4
	40		5SL73407RC	4895.-	1/4
	50		5SL73507RC	4895.-	1/4
	63		5SL73637RC	4895.-	1/4
4P, 415V AC	0.5	4	5SL74057RC	6600.-	1/3
	1		5SL74017RC	5585.-	1/3
	2		5SL74027RC	5485.-	1/3
	4		5SL74047RC	5485.-	1/3
	6		5SL74067RC	4390.-	1/3
	10		5SL74107RC	4390.-	1/3
	16		5SL74167RC	4390.-	1/3
	20		5SL74207RC	4390.-	1/3
	25		5SL74257RC	4390.-	1/3
	32		5SL74327RC	4390.-	1/3
	40		5SL74407RC	6155.-	1/3
	50		5SL74507RC	6155.-	1/3
	63		5SL74637RC	6155.-	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1)] Breaking capacity 63A - 10kA

Betagard Miniature Circuit Breakers
5SL7, with D characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity: 15kA[1)] as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	0.5	1	5SL71058RC	980.-	1/12
	1		5SL71018RC	980.-	1/12
	2		5SL71028RC	955.-	1/12
	4		5SL71048RC	955.-	1/12
	6		5SL71068RC	850.-	1/12
	10		5SL71108RC	850.-	1/12
	16		5SL71168RC	850.-	1/12
	20		5SL71208RC	850.-	1/12
	25		5SL71258RC	850.-	1/12
	32		5SL71328RC	850.-	1/12
	40		5SL71408RC	1660.-	1/12
	50		5SL71508RC	1660.-	1/12
	63		5SL71638RC	1660.-	1/12
2P, 415V AC 	0.5	2	5SL72058RC	2935.-	1/6
	1		5SL72018RC	2935.-	1/6
	2		5SL72028RC	2835.-	1/6
	4		5SL72048RC	2835.-	1/6
	6		5SL72068RC	2185.-	1/6
	10		5SL72108RC	2185.-	1/6
	16		5SL72168RC	2185.-	1/6
	20		5SL72208RC	2185.-	1/6
	25		5SL72258RC	2185.-	1/6
	32		5SL72328RC	2185.-	1/6
	40		5SL72408RC	4015.-	1/6
	50		5SL72508RC	4015.-	1/6
	63		5SL72638RC	4015.-	1/6
3P, 415V AC 	0.5	3	5SL73058RC	4515.-	1/4
	1		5SL73018RC	4515.-	1/4
	2		5SL73028RC	4350.-	1/4
	4		5SL73048RC	4350.-	1/4
	6		5SL73068RC	3455.-	1/4
	10		5SL73108RC	3455.-	1/4
	16		5SL73168RC	3455.-	1/4
	20		5SL73208RC	3455.-	1/4
	25		5SL73258RC	3455.-	1/4
	32		5SL73328RC	3455.-	1/4
	40		5SL73408RC	6255.-	1/4
	50		5SL73508RC	6255.-	1/4
	63		5SL73638RC	6255.-	1/4
4P, 415V AC 	0.5	4	5SL74058RC	5775.-	1/3
	1		5SL74018RC	5775.-	1/3
	2		5SL74028RC	5570.-	1/3
	4		5SL74048RC	5570.-	1/3
	6		5SL74068RC	4560.-	1/3
	10		5SL74108RC	4560.-	1/3
	16		5SL74168RC	4560.-	1/3
	20		5SL74208RC	4560.-	1/3
	25		5SL74258RC	4560.-	1/3
	32		5SL74328RC	4560.-	1/3
	40		5SL74408RC	7860.-	1/3
	50		5SL74508RC	7860.-	1/3
	63		5SL74638RC	7860.-	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1)] Breaking capacity 40A - 63A: 10kA

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SINOPLUS 5TJ MCB

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For various applications

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Best price performance ratio

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IEC **Safe**
Complies with IEC standards



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5SL Circuit Breaker - K & Z Curve

"K" Characteristic Trip Curve:

MCB trips instantaneously when the current flowing through it reaches between 10 to 14 times the rated current.

Suitable for inductive and motor loads with high inrush currents and more.

"Z" Characteristic Trip Curve:

MCB trips when the current flowing through it reaches between 2 to 3 times the rated current, highly sensitive to short circuit current.

Suitable for the protection of highly sensitive devices such as semiconductor devices,

- In compliance with standards IEC 60947-2
- Range available from 2A – 63A
- Comprehensive features & accessories in line with 5SL MCB
- For protection in Industrial, Infrastructure, Process Automation, Commercial applications

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Betagard Circuit Breakers
5SL7, with K characteristics

L - 7500266715

- Standards: IS/IEC 60947-2:2016
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity (Icu): 15kA[1)] as per IS/IEC 60947-2

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	2	1	5SL71023RC	850.-	1/12
	4		5SL71043RC	850.-	1/12
	6		5SL71063RC	760.-	1/12
	10		5SL71103RC	755.-	1/12
	16		5SL71163RC	760.-	1/12
	20		5SL71203RC	755.-	1/12
	25		5SL71253RC	760.-	1/12
	32		5SL71323RC	760.-	1/12
	40		5SL71403RC	1335.-	1/12
	63		5SL71633RC	1570.-	1/12
2P, 415V AC	2	2	5SL72023RC	2710.-	1/6
	4		5SL72043RC	2710.-	1/6
	6		5SL72063RC	2520.-	1/6
	10		5SL72103RC	2460.-	1/6
	16		5SL72163RC	2520.-	1/6
	20		5SL72203RC	2460.-	1/6
	25		5SL72253RC	2520.-	1/6
	32		5SL72323RC	2520.-	1/6
	40		5SL72403RC	3035.-	1/6
	63		5SL72633RC	3495.-	1/6
3P, 415V AC	2	3	5SL73023RC	4220.-	1/4
	4		5SL73043RC	4220.-	1/4
	6		5SL73063RC	3860.-	1/4
	10		5SL73103RC	3780.-	1/4
	16		5SL73163RC	3860.-	1/4
	20		5SL73203RC	3780.-	1/4
	25		5SL73253RC	3860.-	1/4
	32		5SL73323RC	3860.-	1/4
	40		5SL73403RC	4295.-	1/4
	63		5SL73633RC	4825.-	1/4
4P, 415V AC	2	4	5SL74023RC	5385.-	1/3
	4		5SL74043RC	5385.-	1/3
	6		5SL74063RC	5090.-	1/3
	10		5SL74103RC	4970.-	1/3
	16		5SL74163RC	5090.-	1/3
	20		5SL74203RC	4970.-	1/3
	25		5SL74253RC	5090.-	1/3
	32		5SL74323RC	5090.-	1/3
	40		5SL74403RC	5550.-	1/3
	63		5SL74633RC	6245.-	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1)] Breaking capacity 40A - 63A: 10kA

Betagard Circuit Breakers
5SL4, with Z characteristics

L - 7500266715

- **Standards: IS/IEC 60947-2:2016**
- **Voltage: Un 240/415V, 50...60Hz**
- **Breaking capacity (Icu): 10kA as per IS/IEC 60947-2**

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	2	1	**5SL41020RC**	**1166.-**	**1/12**
	4		**5SL41040RC**	**1166.-**	**1/12**
	6		**5SL41060RC**	**916.-**	**1/12**
	10		**5SL41100RC**	**916.-**	**1/12**
	16		**5SL41160RC**	**916.-**	**1/12**
	20		**5SL41200RC**	**916.-**	**1/12**
	25		**5SL41250RC**	**916.-**	**1/12**
	32		**5SL41320RC**	**916.-**	**1/12**
	40		**5SL41400RC**	**1206.-**	**1/12**
	63		**5SL41630RC**	**1206.-**	**1/12**
2P, 415V AC	2	2	**5SL42020RC**	**2397.-**	**1/6**
	4		**5SL42040RC**	**2397.-**	**1/6**
	6		**5SL42060RC**	**2262.-**	**1/6**
	10		**5SL42100RC**	**2262.-**	**1/6**
	16		**5SL42160RC**	**2262.-**	**1/6**
	20		**5SL42200RC**	**2262.-**	**1/6**
	25		**5SL42250RC**	**2262.-**	**1/6**
	32		**5SL42320RC**	**2262.-**	**1/6**
	40		**5SL42400RC**	**2624.-**	**1/6**
	63		**5SL42630RC**	**2624.-**	**1/6**
3P, 415V AC	2	3	**5SL43020RC**	**3798.-**	**1/4**
	4		**5SL43040RC**	**3798.-**	**1/4**
	6		**5SL43060RC**	**3164.-**	**1/4**
	10		**5SL43100RC**	**3164.-**	**1/4**
	16		**5SL43160RC**	**3164.-**	**1/4**
	20		**5SL43200RC**	**3164.-**	**1/4**
	25		**5SL43250RC**	**3164.-**	**1/4**
	32		**5SL43320RC**	**3164.-**	**1/4**
	40		**5SL43400RC**	**3980.-**	**1/4**
	63		**5SL43630RC**	**3980.-**	**1/4**
4P, 415V AC	2	4	**5SL44020RC**	**4115.-**	**1/3**
	4		**5SL44040RC**	**4115.-**	**1/3**
	6		**5SL44060RC**	**3574.-**	**1/3**
	10		**5SL44100RC**	**3574.-**	**1/3**
	16		**5SL44160RC**	**3574.-**	**1/3**
	20		**5SL44200RC**	**3574.-**	**1/3**
	25		**5SL44250RC**	**3574.-**	**1/3**
	32		**5SL44320RC**	**3574.-**	**1/3**
	40		**5SL44400RC**	**4486.-**	**1/3**
	63		**5SL44630RC**	**4486.-**	**1/3**

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Miniature Circuit Breakers 5SP4, with C/D characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V
- Breaking capacity: 10kA as per IS/IEC 60898-1:2015
- With ISI marking: CM/L No. 2255548

C characteristic

10000A		Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1-pole	80 100 125	1.5	5SP41807RC 5SP41917RC 5SP41927RC	6445.- 6795.- 7710.-	1/10 1/10 1/10
	2-pole	80 100 125	3	5SP42807RC 5SP42917RC 5SP42927RC	12650.- 13330.- 15090.-	1/5 1/5 1/5
	3-pole	80 100 125	4.5	5SP43807RC 5SP43917RC 5SP43927RC	19745.- 20270.- 23225.-	1/1 1/1 1/1
	4-pole	80 100 125	6	5SP44807RC 5SP44917RC 5SP44927RC	28325.- 29140.- 33175.-	1/1 1/1 1/1

D characteristic

	1-pole	80 100	1.5	5SP41808RC 5SP41918RC	7095.- 7435.-	1/10 1/10
	2-pole	80 100	3	5SP42808RC 5SP42918RC	14245.- 15100.-	1/5 1/5
	3-pole	80 100	4.5	5SP43808RC 5SP43918RC	21935.- 22165.-	1/1 1/1
	4-pole	80 100	6	5SP44808RC 5SP44918RC	30850.- 31640.-	1/1 1/1

Betagard Isolators 5TL1

- Standard: IS/IEC 60947-3
- Voltage: 440V AC

		Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2-pole	40 63 80 100 125	2	5TL12400 5TL12630 5TL12800 5TL12910 5TL12920	1435.- 1885.- 2475.- 3135.- 3280.-	1/1 1/1 1/1 1/1 1/1
	3-pole	40 63 80 100 125	3	5TL13400 5TL13630 5TL13800 5TL13910 5TL13920	2660.- 2990.- 3615.- 3800.- 4105.-	1/1 1/1 1/1 1/1 1/1
	4-pole	40 63 80 100 125	4	5TL14400 5TL14630 5TL14800 5TL14910 5TL14920	3125.- 3560.- 4290.- 5150.- 5570.-	1/1 1/1 1/1 1/1 1/1

Note:
* MRP - Maximum Retail Price
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers
5SL5, DC with C Characteristics

- **Standards: IS/IEC 60947-2:2016**
- **Voltage: 220V DC/1P, 440V DC/2P & 880V DC/4P ^**
- **Breaking capacity: 10kA as per IS/IEC 60947-2**

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 220V DC 	0.5	1	5SL51057RC	2085.-	1/12
	1		5SL51017RC	1530.-	1/12
	2		5SL51027RC	1650.-	1/12
	3		5SL51037RC	1725.-	1/12
	4		5SL51047RC	1650.-	1/12
	6		5SL51067RC	1395.-	1/12
	8		5SL51087RC	1480.-	1/12
	10		5SL51107RC	1395.-	1/12
	16		5SL51167RC	1395.-	1/12
	20		5SL51207RC	1395.-	1/12
	25		5SL51257RC	1395.-	1/12
	32		5SL51327RC	1395.-	1/12
	40		5SL51407RC	2095.-	1/12
	50		5SL51507RC	2095.-	1/12
	63		5SL51637RC	2095.-	1/12
2P, 440V DC 	0.5	2	5SL52057RC	3935.-	1/6
	1		5SL52017RC	3330.-	1/6
	2		5SL52027RC	3330.-	1/6
	3		5SL52037RC	3485.-	1/6
	4		5SL52047RC	3330.-	1/6
	6	■	5SL52067RC	2915.-	1/6
	8		5SL52087RC	3065.-	1/6
	10	■	5SL52107RC	2915.-	1/6
	16	■	5SL52167RC	2915.-	1/6
	20		5SL52207RC	2915.-	1/6
	25		5SL52257RC	2915.-	1/6
	32		5SL52327RC	2915.-	1/6
	40		5SL52407RC	4310.-	1/6
	50		5SL52507RC	4310.-	1/6
	63		5SL52637RC	4310.-	1/6
4P, 880V DC[1)] 	6	4	5SL54067RC	5895.-	1/3
	10		5SL54107RC	5895.-	1/3
	16		5SL54167RC	5895.-	1/3
	25		5SL54257RC	6270.-	1/3
	32		5SL54327RC	6270.-	1/3
	40		5SL54407RC	7370.-	1/3
	63		5SL54637RC	7730.-	1/3

■ Stock items

1) Maximum operational voltage 1000V DC Maximum

^ For connection diagram, contact Siemens Sales Office for further details.

- **Also available DC Circuit Breakers for Solar applications - contact Siemens Sales Office for further details.**

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard 5SV
Residual Current Circuit Breakers



In the event of a fault, residual current protective devices reliably disconnect power to protect humans

Fault protection
"Protection against indirect contact"

Protects people in the event of contact with electrically conductive parts, if a risk exists as a result of a fault due to the magnitude or duration of the touch voltage



Additional protection
"Protection in case of direct contact" with $I_{\Delta n}$ = 30mA

Protects individuals if they come in direct contact with an active live part under normal operating condition



Fire protection
"Protection from insulation faults" with $I_{\Delta n}$ = 300mA

For the prevention of fires which can be caused by insulation faults in locations exposed to fire hazards



Surge current withstand capability
"Protection surge currents" with 8/20µs >1000 Amp

For Type "A" have a surge current capability to avoid nuisance tripping

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Betagard Residual Current Circuit Breakers 5SV

IS 12640 Part 1
CM/L No. 7676092

- Standards: IS 12640 (Part 1):2016/ IEC 61008-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676092

Type AC, applicable in networks for AC residual currents

		Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2 Pole	30	25	2	■ 5SV43120RC	6035.-	1
		100	25		5SV44120RC	6605.-	1
		300	25		5SV46120RC	6830.-	1
		30	40		■ 5SV43140RC	7075.-	1
		100	40		5SV44140RC	7745.-	1
		300	40		5SV46140RC	8040.-	1
		30	63		■ 5SV43160RC	9465.-	1
		100	63		5SV44160RC	9985.-	1
		300	63		5SV46160RC	10615.-	1
		30	80		5SV43170RC	15325.-	1
		100	80		5SV44170RC	15940.-	1
		300	80		5SV46170RC	15940.-	1
	4 Pole	30	25	4	■ 5SV43420RC	8470.-	1
		100	25		5SV44420RC	8785.-	1
		300	25		5SV46420RC	9105.-	1
		30	40		■ 5SV43440RC	8570.-	1
		100	40		5SV44440RC	8900.-	1
		300	40		5SV46440RC	9245.-	1
		30	63		■ 5SV43460RC	9985.-	1
		100	63		5SV44460RC	10390.-	1
		300	63		5SV46460RC	10755.-	1
		30	80		5SV43470RC	15325.-	1
		100	80		5SV44470RC	15940.-	1
		300	80		5SV46470RC	15940.-	1

Type A, applicable in networks with AC and/or pulsating DC residual currents

	2 Pole	30	25	2	5SV33126RC	11565.-	1
		100	25		5SV34126RC	13635.-	1
		300	25		5SV36126RC	13635.-	1
		30	40		5SV33146RC	13125.-	1
		100	40		5SV34146RC	13660.-	1
		300	40		5SV36146RC	13660.-	1
		30	63		5SV33166RC	19075.-	1
		100	63		5SV34166RC	19620.-	1
		300	63		5SV36166RC	18680.-	1
		30	80		5SV33176RC	20520.-	1
		100	80		5SV34176RC	22065.-	1
		300	80		5SV36176RC	21015.-	1
	4 Pole	30	25	4	5SV33426RC	13710.-	1
		100	25		5SV34426RC	16925.-	1
		300	25		5SV36426RC	16925.-	1
		30	40		5SV33446RC	15290.-	1
		100	40		5SV34446RC	17090.-	1
		300	40		5SV36446RC	16925.-	1
		30	63		5SV33466RC	17305.-	1
		100	63		5SV34466RC	17190.-	1
		300	63		5SV36466RC	17190.-	1
		30	80		5SV33476RC	20795.-	1
		100	80		5SV34476RC	22065.-	1
		300	80		5SV36476RC	21015.-	1

■ Stock items

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

SENTRON 5SM2
Residual Current Units





RC Units suitable with 5SL7..RC MCBs for complete protection from Residual Current, Overload and Short circuit faults

Wide portfolio catering to various applications

Easy and fast installation

Conforming to
- IEC/EN 61009-1
- IEC/EN 61009-2-1
- IEC/EN 61543

Reduced inventory with range up to 63A in two variants only

RoHS compliant

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SENTRON Residual Current Units 5SM2

- Standards: In accordance with IEC/EN 61009-1 (VDE 0664-20), IEC/EN 61009-2-1 (VDE 0664-21), IEC/EN 61543 (VDE 0664-30)
- Voltage: 240/415V AC, 50Hz

Type AC, applicable in networks for AC residual currents

	Number of poles	Mounting width MW#	Rated residual current IΔn [mA]	RC Unit-Current Rating [A]	5SL7..RC MCBs- Rated current [A]	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
	2	2	10	40	2- 40	5SM21210RC	6835.-	1
			30	40	2- 40	■ 5SM23220RC	6060.-	1
				63	2- 63	5SM23250RC	9955.-	1
			100	40	2- 40	5SM24220RC	7470.-	1
				63	2- 63	5SM24250RC	10840.-	1
			300	40	2- 40	■ 5SM26220RC	7470.-	1
				63	2- 63	5SM26250RC	10840.-	1
	3	3	30	40	2- 40	5SM23320RC	6820.-	1
				63	2- 63	5SM23350RC	10280.-	1
			100	40	2- 40	5SM24320RC	8130.-	1
				63	2- 63	5SM24350RC	11200.-	1
			300	40	2- 40	5SM26320RC	8485.-	1
				63	2- 63	5SM26350RC	11455.-	1
	4	3	30	40	2- 40	■ 5SM23420RC	7415.-	1
				63	2- 63	■ 5SM23450RC	10280.-	1
			100	40	2- 40	5SM24420RC	8650.-	1
				63	2- 63	5SM24450RC	11200.-	1
			300	40	2- 40	5SM26420RC	9015.-	1
				63	2- 63	5SM26450RC	11455.-	1

Type A, applicable in networks with AC and/or pulsating DC residual currents

	Number of poles	Mounting width MW#	Rated residual current IΔn [mA]	RC Unit-Current Rating [A]	5SL7..RC MCBs- Rated current [A]	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
	2	2	10	40	2- 40	5SM21216RC	6965.-	1
			30	40	2- 40	5SM23226RC	6070.-	1
				63	2- 63	5SM23256RC	10340.-	1
			100	40	2- 40	5SM24226RC	8130.-	1
				63	2- 63	5SM24256RC	10840.-	1
			300	40	2- 40	5SM26226RC	8485.-	1
				63	2- 63	5SM26256RC	10840.-	1
	3	3	30	40	2- 40	5SM23326RC	6885.-	1
				63	2- 63	5SM23356RC	10550.-	1
			100	40	2- 40	5SM24326RC	8225.-	1
				63	2- 63	5SM24356RC	11475.-	1
			300	40	2- 40	5SM26326RC	8570.-	1
				63	2- 63	5SM26356RC	11735.-	1
	4	3	30	40	2- 40	5SM23426RC	8270.-	1
				63	2- 63	5SM23456RC	10550.-	1
			100	40	2- 40	5SM24426RC	8980.-	1
				63	2- 63	5SM24456RC	11475.-	1
			300	40	2- 40	5SM26426RC	9365.-	1
				63	2- 63	5SM26456RC	11735.-	1

■ Stock items

Note: * LP - List Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Note: To be used along with 5SL7..RC MCBs. MCBs to be ordered separately.
For MCB prices, refer Page no. 8 & 9 from this pricelist.

Accessories for Remote control mechanism units for 5SM2 RC Units

Remote control mechanism unit:
Adapter- Mount-on device for combination of RC Units 5SM2..RC and MCBs 5SL7..RC.

Item Description	Mounting width MW#	Reference No	Std. Pkg.** (Nos.)
RC Mech. Power- 5ST3055 & RC Mech. ARD*- 5ST3057 **For 2P-** 12 V -30 V AC 12 V -48V DC	2	**5ST3820-3 + 5ST3820-6**	**1**
RC Mech. Power- 5ST3055 & RC Mech. ARD*- 5ST3057 **For 3P & 4P-** 12 V -30 V AC 12 V -48V DC	2	**5ST3820-3 + 5ST3820-7**	**1**
RC Mech. Power- 5ST3056 & RC Mech. ARD*- 5ST3058 **For 2P-** 230 V AC	2	**5ST3820-3 + 5ST3820-6**	**1**
RC Mech. Power- 5ST3056 & RC Mech. ARD*- 5ST3058 **For 3P & 4P-** 230 V AC	2	**5ST3820-3 + 5ST3820-7**	**1**
RC Mech. Power- 5ST3070 **For 2P-** 12 V -30 V AC 12 V -48V DC	2	**5ST3820-3 + 5ST3820-6**	**1**
RC Mech. Power- 5ST3070 **For 3P & 4P-** 12 V -30 V AC 12 V -48V DC	2	**5ST3820-3 + 5ST3820-7**	**1**

*- Auto Reclose Device

1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Note: All accessories can be mounted on the right-hand side of the RC Unit+MCB assembled device.

Note: For pricing details of above mentioned MLFBs and for other 5SM2 accessories, Pl refer Page No. 24 of this Pricelist.

Betagard Residual Current Breaker Operators
5SU1, 10kA

IS 12640 Part 2
CM/L No. 7676193

- Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676193

Type AC, with C Characteristics (in 2 module size)$

	Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
240V AC; 50Hz; 2 pole[1)] 	30	6	2	5SU13541RC06	10755.-	1
	30	10		5SU13541RC10	10755.-	1
	30	16		5SU13541RC16	10755.-	1
	30	20		5SU13541RC20	10755.-	1
	30	25		5SU13541RC25	10755.-	1
	30	32		5SU13541RC32	11290.-	1
	30	40		5SU13541RC40	13345.-	1
	300	6		5SU16541RC06	10945.-	1
	300	10		5SU16541RC10	10945.-	1
	300	16		5SU16541RC16	10945.-	1
	300	20		5SU16541RC20	10945.-	1
	300	25		5SU16541RC25	10945.-	1
	300	32		5SU16541RC32	11515.-	1
	300	40		5SU16541RC40	13605.-	1

Type AC with C characteristic

240V AC; 50Hz; 2 pole 	30	32	4	5SU13241RC32	12210.-	1
		40		5SU13241RC40	14225.-	1
		63		5SU13241RC63	16530.-	1
	100	32		5SU14241RC32	13475.-	1
		40		5SU14241RC40	15140.-	1
		63		5SU14241RC63	17655.-	1
	300	32		5SU16241RC32	13605.-	1
		40		5SU16241RC40	15290.-	1
		63		5SU16241RC63	17655.-	1
415V AC; 50Hz; 4 pole 	30	32	7	5SU13441RC32	16300.-	1
		40		5SU13441RC40	16600.-	1
		63		5SU13441RC63	19700.-	1
	100	32		5SU14441RC32	16505.-	1
		40		5SU14441RC40	16825.-	1
		63		5SU14441RC63	19335.-	1
	300	32		5SU16441RC32	16640.-	1
		40		5SU16441RC40	16960.-	1
		63		5SU16441RC63	19515.-	1

Type AC with D characteristic

240V AC; 50Hz; 2 pole 	30	32	4	5SU13242RC32	15740.-	1
		40		5SU13242RC40	17250.-	1
		63		5SU13242RC63	20790.-	1
	100	32		5SU14242RC32	19050.-	1
		40		5SU14242RC40	20850.-	1
		63		5SU14242RC63	23810.-	1
	300	32		5SU16242RC32	18610.-	1
		40		5SU16242RC40	20850.-	1
		63		5SU16242RC63	23835.-	1
415V AC; 50Hz; 4 pole 	30	32	7	5SU13442RC32	21560.-	1
		40		5SU13442RC40	21875.-	1
		63		5SU13442RC63	25955.-	1
	100	32		5SU14442RC32	23330.-	1
		40		5SU14442RC40	24375.-	1
		63		5SU14442RC63	27035.-	1
	300	32		5SU16442RC32	23055.-	1
		40		5SU16442RC40	24605.-	1
		63		5SU16442RC63	26465.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm [1)] 1P+N variant
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details
$ For connecting accessories with 2P 2M RCBO add handle connector 5ST38051

Betagard Residual Current Breaker Operators
5SU1, 10kA

IS 12640 Part 2
CM/L No. 7676193

- Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676193

Type A, with C Characteristics (in 2 module size)$

	Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
240V AC; 50Hz; 2 pole[1)] 	30	6	2	5SU13547RC06	19640.-	1
	30	10		5SU13547RC10	19640.-	1
	30	16		5SU13547RC16	19640.-	1
	30	20		5SU13547RC20	19640.-	1
	30	25		5SU13547RC25	19640.-	1
	30	32		5SU13547RC32	20530.-	1
	30	40		5SU13547RC40	24840.-	1
	300	6		5SU16547RC06	20220.-	1
	300	10		5SU16547RC10	20220.-	1
	300	16		5SU16547RC16	20220.-	1
	300	20		5SU16547RC20	20220.-	1
	300	25		5SU16547RC25	20220.-	1
	300	32		5SU16547RC32	21030.-	1
	300	40		5SU16547RC40	25360.-	1

Type A with C characteristic

240V AC; 50Hz; 2 pole 	30	32	4	5SU13247RC32	22120.-	1
		40		5SU13247RC40	24330.-	1
		63		5SU13247RC63	27520.-	1
	100	32		5SU14247RC32	23600.-	1
		40		5SU14247RC40	26220.-	1
		63		5SU14247RC63	29790.-	1
	300	32		5SU16247RC32	23600.-	1
		40		5SU16247RC40	26220.-	1
		63		5SU16247RC63	29790.-	1
415V AC; 50Hz; 4 pole 	30	32	7	5SU13447RC32	27065.-	1
		40		5SU13447RC40	28190.-	1
		63		5SU13447RC63	32250.-	1
	100	32		5SU14447RC32	29055.-	1
		40		5SU14447RC40	29600.-	1
		63		5SU14447RC63	33095.-	1
	300	32		5SU16447RC32	29055.-	1
		40		5SU16447RC40	30115.-	1
		63		5SU16447RC63	33605.-	1

Type A with D characteristic

240V AC; 50Hz; 2 pole 	30	32	4	5SU13248RC32	25800.-	1
		40		5SU13248RC40	29130.-	1
		63		5SU13248RC63	33140.-	1
	100	32		5SU14248RC32	27760.-	1
		40		5SU14248RC40	30875.-	1
		63		5SU14248RC63	35190.-	1
	300	32		5SU16248RC32	27760.-	1
		40		5SU16248RC40	30875.-	1
		63		5SU16248RC63	35190.-	1
415V AC; 50Hz; 4 pole 	30	32	7	5SU13448RC32	31950.-	1
		40		5SU13448RC40	32345.-	1
		63		5SU13448RC63	38155.-	1
	100	32		5SU14448RC32	33655.-	1
		40		5SU14448RC40	35960.-	1
		63		5SU14448RC63	39150.-	1
	300	32		5SU16448RC32	33655.-	1
		40		5SU16448RC40	35960.-	1
		63		5SU16448RC63	39155.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm [1)] 1P+N variant

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

$ **For connecting accessories with 2P 2M RCBO add handle connector 5ST38051**

Betagard Accessories

Accessories for 5SL / 5SY / 5SP MCBs, 5TL Isolators, 5SV RCCBs, 5SM2 RC Units and 5SU1 RCBOs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	**Aux contact block** (For 5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3010[1)]	2530.-	12
	2NO	5ST3011[1)]	2585.-	1
	2NC	5ST3012[1)]	2585.-	1
	1CO	5ST3016[1)]	4100.-	1
	Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3020[1)]	3725.-	1
	2NO	5ST3021[1)]	3785.-	1
	2NC	5ST3022[1)]	3785.-	1
	Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	110...415V AC	5ST3030[1)]	10445.-	1/5
	24...48V DC	5ST3031[1)]	10445.-	1/5
	Auxiliary and fault signal changeover contact (5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)	5ST3062	12050.-	1
	Auxiliary switch - 1CO Fault contact - 1CO			
	**Undervoltage release** (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	With integrated aux. switch			
	230V AC	5ST3040[1)]	14025.-	1/5
	110V DC	5ST3041[1)]	14025.-	1/5
	24V DC	5ST3042[1)]	14025.-	1/5
	Without integrated aux. switch			
	230V AC	5ST3043[1)]	14025.-	1/5
	110V DC	5ST3044[1)]	14025.-	1/5
	24V DC	5ST3045[1)]	14025.-	1/5
	Remote control mechanism unit			
	Basic version for 5SL, 5SY, 5TL1 and 5SU1 (1P+N only)			
	(12-30)V AC & (12-48)V DC, 1.5MW	5ST3053	62555.-	1
	230V AC, 2MW	5ST3054	62555.-	1
	Power version for 5SL, 5SY, 5TL1, 5SU1 & 5SM2			
	(12-30)V AC & (12-48)V DC, 2MW	5ST3055	105865.-	1
	230V AC, 2MW	5ST3056	105865.-	1
	Power version for 5SM2 (12-30)V AC & (12-48)V DC, 2MW	5ST3070	123520.-	1
	Auto Reclose Device Version for 5SM2			
	(12-30)V AC & (12-48)V DC, 2MW	5ST3057	101375.-	1
	230V AC, 2MW	5ST3058	118835.-	1
	Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit)			
	For 5SL - 1P & 2P, 5SV - 4P and 5SM2- 2P	5ST38206	1320.-	1
	For 5SL - 3P & 4P and 5SM2 - 3P & 4P	5ST38207	1320.-	1
	For 5SY - 1P & 2P and For 5SU1^ - 2P, 4M	5ST38201	1320.-	1
	For 5SY - 3P & 4P and For 5SU1^ - 4P, 7M	5ST38202	1320.-	1
	For 5SU1 - 2P, 2M	5ST38205	1320.-	1
	^ Add-on block for 5SU1 & 5SM2 to be ordered along with Adapter	5ST38203	2875.-	1
	**Handle locking device**			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	1305.-	1
	for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	1230.-	5
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	835.-	5
	Handle connector for 2P, 2M 5SU1 RCBO[$] (1set = 5 units in poly bag)	5ST38051	2595.-	1

Betagard Rotary Handle Assembly

	Item Description	Reference No.	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Rotary Handle Assembly for 5SY, 5SL, 5SP and 5TL1 series of MCBs/ Isolators[$$]	5ST38140RC	4655.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

$ For 2P, 2M RCBOs, the accessories can be used along with Handle connector only

$$ Not suitable for 1P variants 1) Suffix **–ZI91** will be added for internal ordering

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Sinova Opulenz

Multitasking switches for multitasking homes.

Elegant
finishes to enhance the look of your home.

Premium colours and textures
to complement modern finishes on your walls.

Antibacterial switches
for a safe home.

ISI certified
for assured safety.

Environment friendly
RoHS compliant switches.

Comprehensive communication range
type tested as per standards ensuring higher reliability.





When homes and offices multitask as online classrooms, home offices, private theaters and more, the Opulenz range multitasks to help you make the most of them. Sinova Opulenz is a complete range of new age sockets, HDMI receptors, LAN ports, regulators and dimmers in seven exciting colours and two natural textures.



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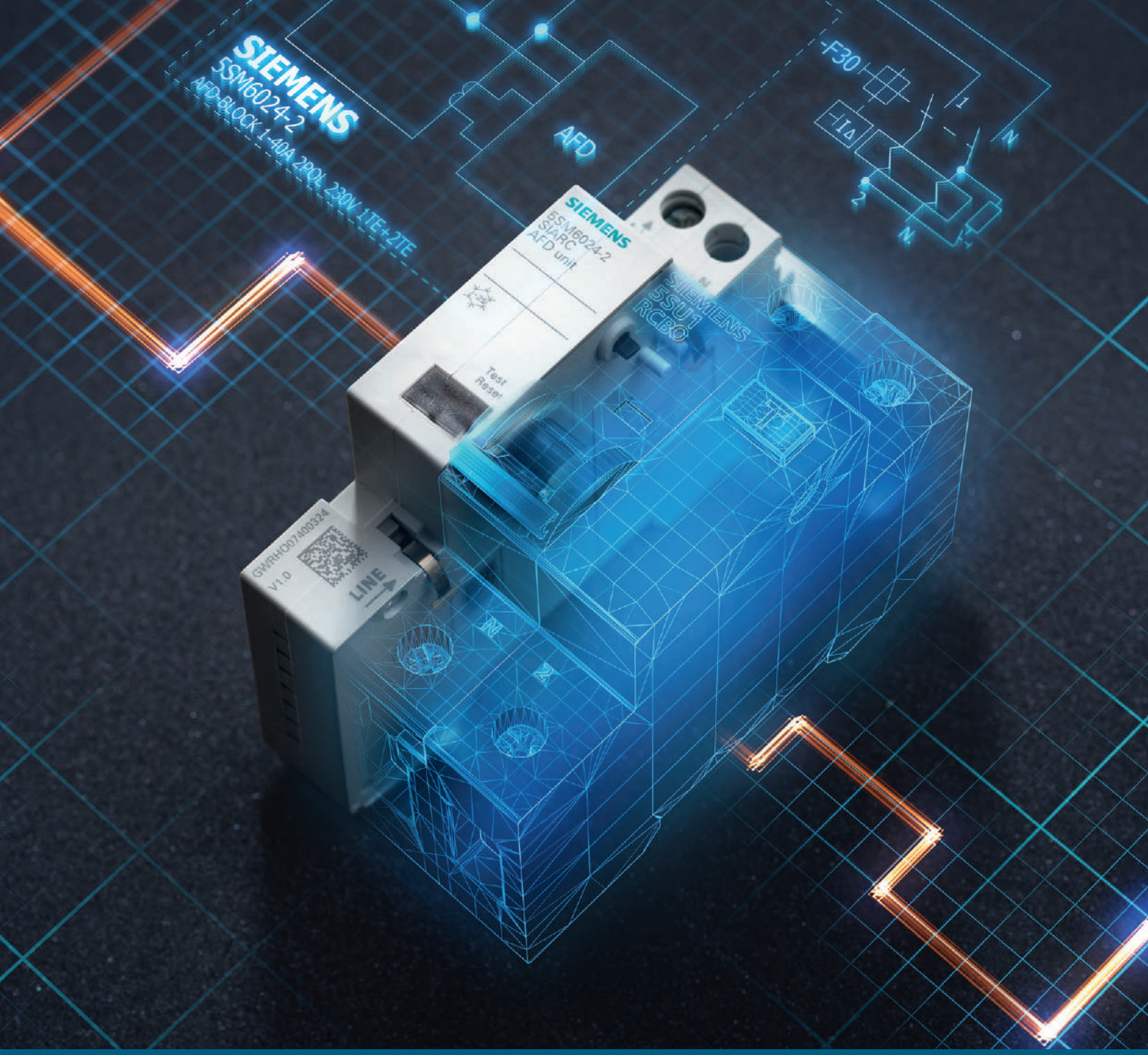

Arc Fault Detection Device

It's Time to Act Now!

With the 5SV6 Arc Fault Detection Device (AFDD), Siemens presents the third generation of fire-prevention product. The 5SV6 Arc Fault Detection Device with integrated miniature circuit breaker (MCB) is the first device on the IEC market with just one module width and is the smallest of its kind worldwide.

A standard-compliant expansion of the electrical installation by protection against electrical fires is thus always possible – easily and without the need for additional space.

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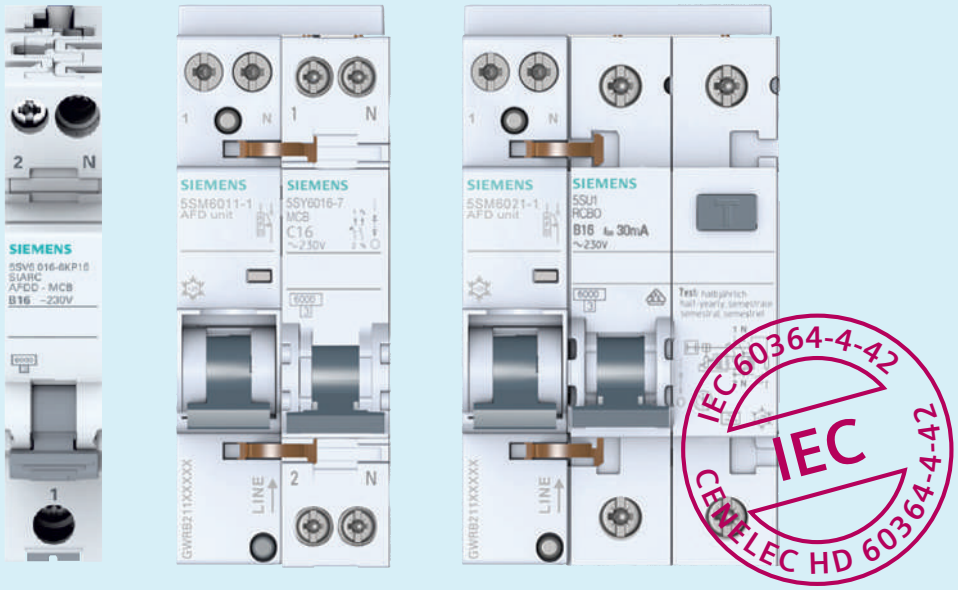

The smart solution.

Whether in an existing plant or a new installation – the 5SV6 AFDD and 5SM6 AFD unit can be deployed in any distribution board. It quickly identifies dangerous faults caused by parallel or serial arcing faults and switches off before a fire occurs. The AFDD detects operational arcing faults and only trips in the event of an actual fault.

5SV6 AFDDs with integrated MCB & RCBO in 18mm width

	Rating	With integrated MCB				With integrated RCBO	Unit LP* ₹	Std. Pkg.** (Nos.)
		B characteristic	Unit LP* ₹	C characteristic	Unit LP* ₹	30mA, Type A, C characteristic		
	6A	5SV60166KK06	58240.-	5SV60167KK06	58240.-	5SV63167KK06	67960.-	1
	10A	5SV60166KK10	58240.-	5SV60167KK10	58240.-	5SV63167KK10	67960.-	
	13A	5SV60166KK13	59785.-	5SV60167KK13	59785.-	5SV63167KK13	67960.-	
	16A	5SV60166KK16	58240.-	5SV60167KK16	58240.-	5SV63167KK16	67960.-	
	20A	5SV60166KK20	66000.-	5SV60167KK20	66000.-	5SV63167KK20	74925.-	
	25A	5SV60166KK25	66000.-	5SV60167KK25	66000.-	5SV63167KK25	74925.-	
	32A	5SV60166KK32	66000.-	5SV60167KK32	66000.-	5SV63167KK32	74925.-	
	40A	5SV60166KK40	67960.-	5SV60167KK40	67960.-	5SV63167KK40	74925.-	

5SM6 AFDD with integrated MCB

	Rating	Module width	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	16A	2	5SM60111XX02	AFDD 16A, 230V, 2MW (Integrated with 1MW, 1+N, 16A MCB)	90030.-	1

5SM6 AFD units (Suitable for add on with RCBO)

	Rating	Module width	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	16A	3	5SM60212	AFD Unit 1-16A, 230V, 1MW (Suitable for 2P 2M, 5SU1 RCBO)	50550.-	1
	40A	3	5SM60242	AFD Unit 1-40A, 230V, 1MW (Suitable for 2P 2M, 5SU1 RCBO)	71400.-	

* LP - List Price

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SENTRON
Circuit protection devices
with measuring and communication function

SENTRON Powercenter 1100 data transceiver



SENTRON 5SV6 COM AFDD/MCB



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SENTRON AFDD COM
5SV6

	Rating	With integrated MCB				Std. Pkg.** (Nos.)
		B characteristic	Unit LP* ₹	C characteristic	Unit LP* ₹	
	6 A	5SV60166MC06	74035.-	5SV60167MC06	74035.-	1
	10 A	5SV60166MC10	74035.-	5SV60167MC10	74035.-	
	13 A	5SV60166MC13	75585.-	5SV60167MC13	75585.-	
	16 A	5SV60166MC16	74035.-	5SV60167MC16	74035.-	
	20 A	5SV60166MC20	76940.-	5SV60167MC20	76940.-	
	25 A	5SV60166MC25	76940.-	5SV60167MC25	76940.-	
	32 A	5SV60166MC32	76940.-	5SV60167MC32	76940.-	

SENTRON Powercenter 1100
7KN

	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	7KN11110MC00	Powercenter 1100 up to 24 SENTRON COM devices, 24 V DC	POR	1

* LP - List Price

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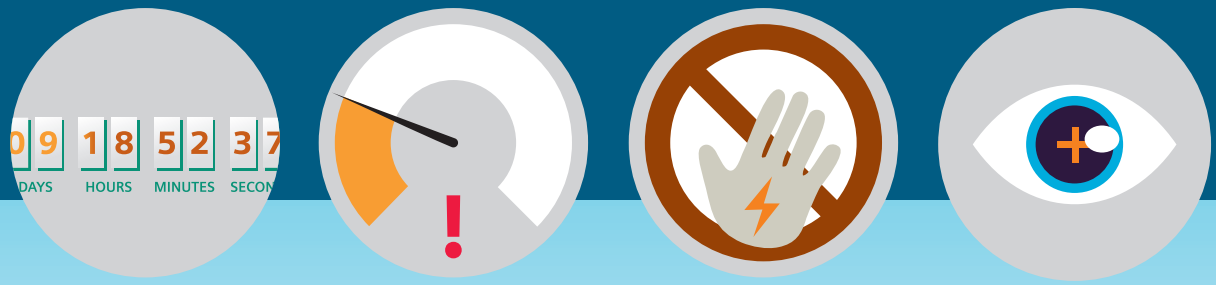
Applications:



Operating hours counter

The values measured by the installation device provide information on the electrical consumer's (e.g., an LED) exact operating time allowing for optimized maintenance.

Fault monitoring

A decline of electrical current, voltage or temperature below normal values may hint at a failure of the electrical consumer. An increased electrical current may indicate a defect of connected equipment.

Load management

When a certain number of electrical consumers is active, additional devices cannot be switched on. This prevents current peaks.

Function monitoring

The measured values indicate the execution of an activity by the electrical consumer (e.g., automatic feeders in livestock farming).

5TR4 Automatic Changeover Current Limiter

Effortlessly manage power transitions with our 5TR4 ACCL, ensuring seamless operations and preventing electrical overload.

Heavy duty
Conforms to utilization category AC32A (IEC 60947-6-1)

High endurance cycle
Ensuring efficient and long life of your ACCL

Safe during short circuits
Iq short circuit of 5kA

Warning & Alerts
Overload indication via LED & Beep

Standard compliant
Product conforms to IEC 60947-6-1

Low power consumption
Coil operates only during backup supply



SIEMENS



Betagard 8GB Distribution Boards

Perfect blend of beauty and features with assured performance

- Complete range for Residential, Commercial and Industrial Infrastructures
- DBs offer latest design with highest aesthetic appeal
- DBs available with type testing as per the latest applicable standards
- User friendly design offers ease during maintenance and assists the installer for correct installation

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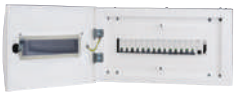
Betagard Distribution Boards
8GB32 # SPN and TPN DBs

- Type Tested as per IEC 61439 Standards at third party and internal test laboratories
- Available in IP 20 and IP 43 Versions
- Single Door, Metal Double Door and Acrylic Double Door options available
- Standard Wire Way Boxes available for all Single Door and Double Door DBs
- Additional safety with Insulated Shorting Links, Shrouded Neutral Links and Door Earthing
- TPN DBs can be easily made suitable for PPI configuration using TPN to PPI Conversion Kits
- Detachable DIN rail assembly and intermittent door facilitates ease in wiring during installation and maintenance
- DBs are subjected to seven tank process and treated with premium quality powder coating
- Cement masking sheet protects the DBs against extreme site conditions

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Metal Enclosures, IP20:							
	1 Module	–	–	1	8GB32100RC01	1505.-	1/20
	2 Module	–	–	2	8GB32100RC02	2245.-	1/20
	3 Module	–	–	3	8GB32100RC03	2245.-	1/20
	4 Module	–	–	4	8GB32100RC04	2245.-	1/20
	6 Module	–	–	6	8GB32100RC06	2960.-	1/20
	8 Module	–	–	8	8GB32100RC08	3485.-	1/10
SPN Single Door DBs#, IP20:							
	6 Module	2	4	6	8GB32101RC06	4430.-	1
	8 Module	2	6	8	8GB32101RC08	4710.-	1
	10 Module	2	8	10	8GB32101RC10	5665.-	1
	12 Module	2	10	12	8GB32101RC12	5870.-	1
	14 Module	2	12	14	8GB32101RC14	6630.-	1
	16 Module	2	14	16	8GB32101RC16	7140.-	1
SPN Metal Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32102RC06	6920.-	1
	8 Module	2	6	8	8GB32102RC08	7185.-	1
	10 Module	2	8	10	8GB32102RC10	8355.-	1
	12 Module	2	10	12	8GB32102RC12	8580.-	1
	14 Module	2	12	14	8GB32102RC14	10005.-	1
	16 Module	2	14	16	8GB32102RC16	10250.-	1
SPN Acrylic Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32103RC06	8125.-	1
	8 Module	2	6	8	8GB32103RC08	8580.-	1
	10 Module	2	8	10	8GB32103RC10	10005.-	1
	12 Module	2	10	12	8GB32103RC12	10735.-	1
	14 Module	2	12	14	8GB32103RC14	11200.-	1
	16 Module	2	14	16	8GB32103RC16	11680.-	1
Wire Way Box For SPN Single Door IP 20 DBs:							
	For 6 MOD SPN Single door DB	–	–	–	8GB32106RC06	2915.-	1/5
	For 8 MOD SPN Single door DB	–	–	–	8GB32106RC08	2915.-	1/5
	For 10 MOD SPN Single door DB	–	–	–	8GB32106RC10	3140.-	1/5
	For 12 MOD SPN Single door DB	–	–	–	8GB32106RC12	3140.-	1/5
	For 14 MOD SPN Single door DB	–	–	–	8GB32106RC14	3625.-	1/5
	For 16 MOD SPN Single door DB	–	–	–	8GB32106RC16	3625.-	1/5
Wire Way Box For SPN Double Door IP 43 DBs:							
	For 6 MOD SPN Double door DB	–	–	–	8GB32107RC06	3140.-	1/5
	For 8 MOD SPN Double door DB	–	–	–	8GB32107RC08	3140.-	1/5
	For 10 MOD SPN Double door DB	–	–	–	8GB32107RC10	3410.-	1/5
	For 12 MOD SPN Double door DB	–	–	–	8GB32107RC12	3410.-	1/5
	For 14 MOD SPN Double door DB	–	–	–	8GB32107RC14	4335.-	1/5
	For 16 MOD SPN Double door DB	–	–	–	8GB32107RC16	4335.-	1/5

Note: * MRP - Maximum Retail Price # Also available in flat door option
For Customized Solutions in Distribution Boards please contact our Sales Office
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Betagard Distribution Boards
8GB32 # SPN and TPN DBs

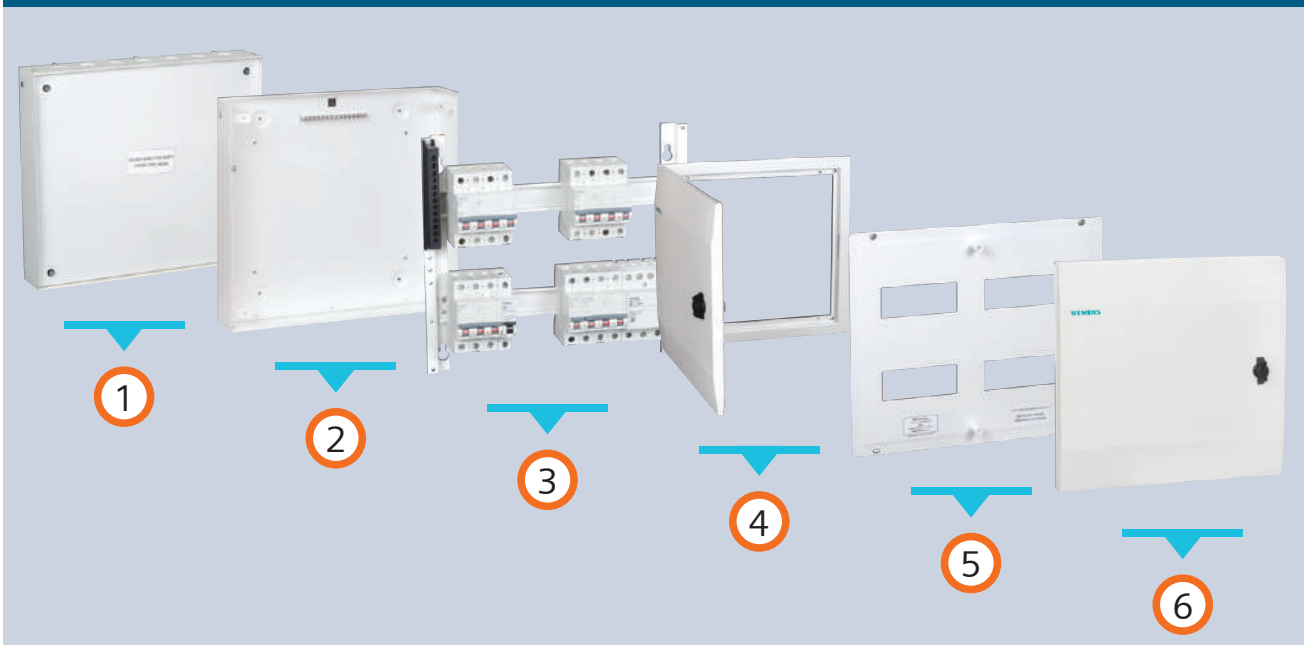
	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
TPN Single Door DBs#, IP20:							
	4 way	8	12	20	8GB32201RC04	11450.-	1
	6 way	8	18	26	8GB32201RC06	13000.-	1
	8 way	8	24	32	8GB32201RC08	15685.-	1
	10 way	8	30	38	8GB32201RC10	22765.-	1
	12 way	8	36	44	8GB32201RC12	23245.-	1
	14 way	8	42	50	8GB32201RC14	26660.-	1
	16 way	8	48	56	8GB32201RC16	27655.-	1
TPN Metal Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32202RC04	13985.-	1
	6 way	8	18	26	8GB32202RC06	16900.-	1
	8 way	8	24	32	8GB32202RC08	20315.-	1
	10 way	8	30	38	8GB32202RC10	29345.-	1
	12 way	8	36	44	8GB32202RC12	30075.-	1
	14 way	8	42	50	8GB32202RC14	35700.-	1
	16 way	8	48	56	8GB32202RC16	36720.-	1
TPN Acrylic Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32203RC04	16900.-	1
	6 way	8	18	26	8GB32203RC06	20810.-	1
	8 way	8	24	32	8GB32203RC08	24960.-	1
	10 way	8	30	38	8GB32203RC10	32550.-	1
	12 way	8	36	44	8GB32203RC12	37890.-	1
	14 way	8	42	50	8GB32203RC14	40585.-	1
	16 way	8	48	56	8GB32203RC16	43320.-	1
TPN to PPI Conversion Kit@							
	To convert 6 way TPN DB to 4 way TPN PPI DB				8GB32205RC04	8820.-	1/5
	To convert 8 way TPN DB to 6 way TPN PPI DB				8GB32205RC06	10290.-	1/5
	To convert 10 way TPN DB to 8 way TPN PPI DB				8GB32205RC08	10550.-	1/5
	To convert 12 way TPN DB to 10 way TPN PPI DB				8GB32205RC10	11260.-	1/5
	To convert 14 way TPN DB to 12 way TPN PPI DB				8GB32205RC12	12025.-	1/5
	To convert 16 way TPN DB to 14 way TPN PPI DB				8GB32205RC14	12715.-	1/5
Wire Way Box For TPN Single Door IP 20 DBs							
	For 4 Way TPN Single door DB	–	–	–	8GB32206RC04	3725.-	1/5
	For 6 Way TPN Single door DB	–	–	–	8GB32206RC06	3725.-	1/5
	For 8 Way TPN Single door DB	–	–	–	8GB32206RC08	6655.-	1/5
	For 10 Way TPN Single door DB	–	–	–	8GB32206RC10	8355.-	1/5
	For 12 Way TPN Single door DB	–	–	–	8GB32206RC12	8590.-	1/5
	For 14 Way TPN Single door DB	–	–	–	8GB32206RC14	8820.-	1/5
	For 16 Way TPN Single door DB	–	–	–	8GB32206RC16	9345.-	1/5
Wire Way Box For TPN Double Door IP 43 DBs							
	For 4 Way TPN Double door DB	–	–	–	8GB32207RC04	3950.-	1/5
	For 6 Way TPN Double door DB	–	–	–	8GB32207RC06	4465.-	1/5
	For 8 Way TPN Double door DB	–	–	–	8GB32207RC08	7115.-	1/5
	For 10 Way TPN Double door DB	–	–	–	8GB32207RC10	7625.-	1/5
	For 12 Way TPN Double door DB	–	–	–	8GB32207RC12	9345.-	1/5
	For 14 Way TPN Double door DB	–	–	–	8GB32207RC14	9810.-	1/5
	For 16 Way TPN Double door DB	–	–	–	8GB32207RC16	10095.-	1/5

Note: * MRP - Maximum Retail Price
@ Contains required accessories to Make the DB suitable for PPI Configuration
For Customized Solutions in Distribution Boards please contact our Sales Office
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details
# Also available in flat door option

Betagard Distribution Boards
8GB32 TPN Phase Segregated DBs

	Item Description	Incoming Slots (MW)	Sub - Incomer Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
TPN Phase segregated DBs, IP 20 For MCB as incomer								
	4 Way	12	12	12	36	8GB32001RC04	30650.-	1
	6 Way	12	12	18	42	8GB32001RC06	34475.-	1
	8 Way	12	12	24	48	8GB32001RC08	40240.-	1
	12 Way	12	12	36	60	8GB32001RC12	47910.-	1
TPN Phase segregated DBs, (8 segment) IP 43 For MCB as incomer								
	4 way	12	12	12	36	8GB32002RC04	36400.-	1
	6 way	12	12	18	42	8GB32002RC06	42150.-	1
	8 way	12	12	24	48	8GB32002RC08	47910.-	1
	12 way	12	12	36	60	8GB32002RC12	57475.-	1
TPN Phase segregated DBs, IP 43 for MCCB as incomer upto 160A								
	6 way		12	18	30	8GB32012RC06	65110.-	1
	8 way		12	24	36	8GB32012RC08	74705.-	1
	12 way		12	36	48	8GB32012RC12	84290.-	1
Wire Way box for MCB Incomer, IP 43 DBs								
	For 4 Way	–	–	–	–	8GB32007RC04	9565.-	1
	For 6 Way	–	–	–	–	8GB32007RC06	11480.-	1
	For 8 Way	–	–	–	–	8GB32007RC08	13385.-	1
	For 12 Way	–	–	–	–	8GB32007RC12	15305.-	1
Wire Way box for MCCB Incomer, IP 43 DBs								
	For 6 Way	–	–	–	–	8GB32017RC06	11480.-	1
	For 8 Way	–	–	–	–	8GB32017RC08	13385.-	1
	For 12 Way	–	–	–	–	8GB32017RC12	15305.-	1

Betagard Distribution Board 8GB



1 U-box with Cement masking sheet
2 U-box with Earth links
3 Detachable DIN-rail channel with Shrouded Neutral link
4 Door frame with Door
5 Detachable Intermittent Plate
6 Door with Quarter Turn Knob

Note: * MRP - Maximum Retail Price
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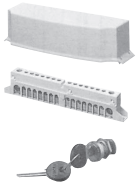
Industrial Plug & Sockets

	Item Description	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Plug & Socket, IP20 with provision for MCB mounting					
	1 Phase 20A, 1P MCB	1	8GB0501RC	4980.-	1/20
	1 Phase 20A, 2P MCB	2	8GB0501SRC	4980.-	1/20
	3 Phase 32A, 3P MCB	3	8GB0502	10525.-	1/15
	3 Phase 32A, 3P+N MCB	4	8GB0502S	10525.-	1/15
	5 Pin (3P+N+PE) 3Phase 32A MCB 3P+N MCB	8	8GB050332	16630.-	1/5
	5 Pin (3P+N+PE) 3Phase 63A MCB 3P+N MCB	8	8GB050363	43330.-	1/5

Simbox WP

	Item Description	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Simbox WP (IP65 DBs)					
	1 Row, 4Mod	4	8GB13710		1
	1 Row 8Mod	8	8GB13711		1
	1 Row 12Mod	12	8GB13712		1
	1 Row 18Mod	18	8GB13713	Price on request	1
	2 Row 2 x 12Mod	24	8GB13722		1
	2 Row, 2 x 18Mod	36	8GB13723		1
	3 Row, 3 x 18Mod	54	8GB13733		1
	4 Row 4 x 18Mod	72	8GB13743		1
Accessories for Simbox WP					
	Coupling covers,12M		8GB20510		1
	Coupling covers,18M		8GB20511		1
	Insulated N/PE terminals, 8MW		8GB20520	Price on request	1
	Insulated N/PE terminals, 12MW		8GB20521		1
	Insulated N/PE terminals, 18MW		8GB20522		1
	Cylindrical security lock		8GB20550		1

Note: * MRP - Maximum Retail Price
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Betagard Distribution Boards Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Blanking Plate				
	1 MW	8GB9901	195.-	25
Insulated Shorting Links				
Single Phase Shorting Links for Shorting 1P MCBs				
	For SPN and TPN PPI DB			
	5 Leg SP Shorting Link	8GB9905LSP	585.-	10
	7 Leg SP Shorting Link	8GB9907LSP	680.-	10
	9 Leg SP Shorting Link	8GB9909LSP	800.-	10
	11 Leg SP Shorting Link	8GB9911LSP	845.-	10
	13 Leg SP Shorting Link	8GB9913LSP	1135.-	10
	15 Leg SP Shorting Link	8GB9915LSP	1365.-	10
	17 Leg SP Shorting Link	8GB9917LSP	1440.-	10
	For TPN DB			
	4 Leg SP Shorting Link	8GB9904LSP	585.-	10
	6 Leg SP Shorting Link	8GB9906LSP	680.-	10
	8 Leg SP Shorting Link	8GB9908LSP	800.-	10
	10 Leg SP Shorting Link	8GB9910LSP	845.-	10
	12 Leg SP Shorting Link	8GB9912LSP	1135.-	10
	14 Leg SP Shorting Link	8GB9914LSP	1365.-	10
	16 Leg SP Shorting Link	8GB9916LSP	1440.-	10
Two Phase, 1 meter long for shorting 2P MCBs (suitable for maximum of 28 nos. 2MW devices)				
	Shorting link without End caps, Can be cut and used.	8GB990SLLDP	14180.-	1
	End Caps for 2 pole Shorting Links	8GB990ECLDP	230.-	10
Three Phase, 1 meter long for shorting 3P MCBs (suitable for maximum of 19 nos. 3MW devices)				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLTP	15510.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTP	350.-	10
Three Phase + N, 1 meter long for shorting TPN MCBs (suitable for maximum of 14 nos. 4MW devices)				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLTPN	16395.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTPN	435.-	10
Neutral Terminals				
Neutral Terminals For 8GB0 and 8GB31 DBs (Along with Mounting Stands)				
	5 Way Neutral Link	8GB9905NL	625.-	10
	11 Way Neutral Link	8GB9911NL	925.-	10
	13 Way Neutral Link	8GB9913NL	1055.-	10
	15 Way Neutral Link	8GB9915NL	1185.-	10
Neutral Terminals For 8GB32 DBs (With Terminal Shroud and Cover)				
	Neutral Terminal 5 Holes	8GB9905NPE	680.-	10
	Neutral Terminal 11 Holes	8GB9911NPE	945.-	10
	Neutral Terminal 13 Holes	8GB9913NPE	1135.-	10
	Neutral Terminal 15 Holes	8GB9915NPE	1250.-	10
Earth Terminals				
	5 Way Earth Link	8GB9905EL	525.-	10
	11 Way Earth Link	8GB9911EL	885.-	10
	13 Way Earth Link	8GB9913EL	945.-	10
	15 Way Earth Link	8GB9915EL	1135.-	10

Note: * MRP - Maximum Retail Price
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5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

Type 1 - For incoming power supply panels, in buildings with lightning protection system. Must be accompanied by downstream SPD

Type 2 - For distribution panels located downstream of Type 1 protectors or in incoming supply panels in areas of low exposure to lightning strikes, where the building is not fitted with lightning protection system

Type 3 - Always installed downstream of Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of Type 2 SPD

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Surge Protection Devices
For protection of equipment against lightning and switching surges

- Standard: IEC 61643-11 / EN 61643-11
- Type 1, Type 2 and Photovoltaic surge protection
- With Remote signaling contact
- Integrated SPD health indicator

Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage Uc: 350V



Reference No.	Rated voltage	Pole	Module width	Total I_{imp} (10/350µs)	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	**38215.-**
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	**74390.-**

Type 2: Surge Arresters



Reference No.	Rated voltage	Pole	Module width	U_c	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	**6250.-**
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	**18580.-**

Surge Arresters for Photovoltaic application

On the DC side, overvoltage protection is required for the inverters which can be ensured by using 5SD74836RC.
On the AC side, overvoltage protection can be ensured using surge arresters Type 2 (5SD7461-0RC/5SD7464-0RC)



Reference No.	Rated voltage	Pole	Module width	U_{cpv}	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	**10555.-**

Note: Standard packing: 1unit
*LP: List Price



Type 1: Lightning Surge Arresters

For TN-S/ TT system

Lightning arresters, Type 1 requirement class B, U_C 350V Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT systems with remote display



5SD74121



5SD74141

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current I_{mp}(10/350µs)		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240V AC	125A gL/gG	1.5-2.5kV	25kA	100kA	1P+N	**5SD74121**	**POR**
240/415V AC	125A gL/gG	1.5-2.5kV	25kA/75kA	100kA	3P+N	**5SD74141**	

For TN-C system

Lightning arresters, Type 1 requirement class B, U_C 350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems with remote display



5SD74131

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current I_{mp}(10/350µs)		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240/415V AC	125A gL/gG	≤1.5kV	25kA/75kA	-	3P	**5SD74131**	**POR**

Type 2 : Surge Arresters

For TN-S/ TT system

Surge arresters Type 2 requirement class C, U_C:350V/260V (L-N/N-PE) Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT AC systems

Rated Discharge Surge Current In=20kA SC capacity with backup fuse=25kA



5SD74641



5SD7422-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Rated discharge current I_n (8/20usec)		Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE				
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	No	**5SD74640**	**POR**
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	Yes	**5SD74641**	
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	No	**5SD74220**	
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	Yes	**5SD74221**	

For TN-C system

Surge arresters Type 2 requirement class C, U_C:350V
Pluggable protective modules 3-pole, 3+0 circuit for TNC systems



5SD7463-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Maximum discharge surge current I_{max} L-N or L-(PE)N, 1P	Pole	Remote signaling	Reference No.	Unit LP* ₹
240/415V	80A gL/gG	≤1.5kV	40kA	3P	No	**5SD74630**	**POR**
240/415V	80A gL/gG	≤1.5kV	40kA	3P	Yes	**5SD74631**	

L - Line, N - Neutral, PE - Protective Earth

Note: Standard packing: 1unit * LP : List Price

Surge Protection Devices
For protection of equipment against lightning and switching surges

Type 3 : Surge Arresters

	Rated voltage	Rated current	Protection level	Rated discharge current	Pole	Reference No.	Unit LP* ₹
	24V AC 34V DC	26A	0.65kV	1kA	2P	**5SD74325**	**POR**
	120V AC 150V DC	26A	0.95kV	3kA	2P	**5SD74326**	
	240V AC 240V DC	26A	1.5kV	3kA	2P	**5SD74327**	

Surge Arresters for photovoltaic application

Due to the combination of three power varistors, the overvoltage protection required for the inverters is implemented on the DC side. On the AC side, the overvoltage protection can be ensured using surge arresters type 2 (5SD7422-/5SD7424-)

	Rated voltage U_N	Rated discharge current	Protection level U_p	Lightning Impulse current (L-N/L-(PE)N)	Max. discharge current	Pole	Remote signaling	Reference No.	Unit LP* ₹
 5SD74836	1000V DC	15kA	≤3.5kV	≤5kA	40kA	3P	No	**5SD74836**	**POR**

Replacement Plug

	SPD Type	Type	Connection	Reference No.	Unit LP* ₹
	5SD74121 5SD74131 5SD74141	Type 1	L-N	**5SD74181**	**POR**
	5SD74121 5SD74131 5SD74141		N-PE	**5SD74180**	
	5SD7463-0/1 5SD7464-0/1	Type 2	L-N	**5SD74681**	
	5SD7464-0/1		N-PE	**5SD74880**	
	5SD7422-0/1		L-N	**5SD74281**	
	5SD7422-0/1		N-PE	**5SD74280**	
	5SD7483-6	PV	-	**5SD74983**	

* Also available Type 1+ Type 2 and Type1/2 Compact SPDs for protection against overvoltages from Lightning strikes as well as by switching operations in network

Note:
Standard packing: 1unit
* LP - List Price



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- 5TT5 insta contactors – For all control applications; also with Manual/Automatic switching indicator
- DIN mounted phase indicators, monitoring relays and measuring devices for final distribution circuits
- Twilight Switch for Automatic Street Light Control

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Modular Devices

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Insta Contactors Standards: EN 60947-4-1, EN 60947-5-1						
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	40	3	5TT58410	20965.-	1/5
	3NO+1NC contacts, 24V AC/24V DC (1NC contact rated for 30A)	40	3	5TT58412	21070.-	1/5
	4NO contacts, 230V AC/220V DC	40	3	5TT58400	21130.-	1/5
	4NO contacts, 24V AC/24V DC	40	3	5TT58402	21100.-	1/5
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	63	3	5TT58510	32835.-	1/5
	3NO+1NC contacts, 24V AC/24V DC, (1NC contact rated for 30A)	63	3	5TT58512	33435.-	1/5
	4NO contacts, 230V AC/220V DC	63	3	5TT58500	26780.-	1/5
	4NO contacts, 24V AC/24V DC	63	3	5TT58502	26835.-	1/5
Insta Contactors Manual / Automatic with Switching Indicator Standards: IEC60947-4-1, IEC60947-5-1						
	4NO contacts, 400V AC	40	3	5TT58406	31040.-	1/5
	4NO contacts, 400V AC	63	3	5TT58506	40675.-	1/5
Accessories						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	9350.-	1/10
Twilight switch						
	Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			7LQ2300	87955.-	1

Note:
* LP - List Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details



	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Voltage Relays Standards: IEC 60255, DIN VDE 0435-303						
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N with phase failure detection, Switching thresholds 07-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400V AC	4	2	5TT3402	33975.-	1
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N, short time failure detection with phase failure detection and N conductor monitoring, Switching thresholds 0.8-0.85xV, not adjustable; 2 C/O contacts, 230/400V AC	4	2	5TT3407	62150.-	1
	Voltage relay for over and undervoltage monitoring of 3 phases against N with asymmetry, reverse voltage and phase failure detection with N conductor monitoring and adj. Time delay of 0.1 to 20s, Switching thresholds: U/voltage 0.7-1.1xV, 4% hysteresis, adjustable, O/voltage 0.9-1.1xV, 4% hysteresis, adjustable; 2 C/O contacts, 230/400V AC	4	2	5TT3408	63980.-	1
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	5TE5802	8545.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	8130.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	2185.-	1/10
Power ON Indicator (Economy Version) 230 V AC, 1 Phase						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	5TE5800	5100.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	6480.-	1/12
	Transparent cap (Red) (1 set 5x each red/transparent)			5TG8061	2820.-	5
	Transparent cap (Green) (1 Set with 5x each green/transparent)			5TG8062	2820.-	5
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			5TG8063	2820.-	5
	Transparent cap (Blue) (1 Set with 5x each blue/transparent)			5TG8064	2820.-	5
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230V AC	4	2	5TT3170	26650.-	1

Note:
* LP - List Price # 1MW (Module Width) = 18mm
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	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Time Switches (Digital)						
	Mini digital, daily/weekly program, 100 hours reserve, 230V AC	16	1	**7LF45015**	**19835.-**	**1**
	Yearly time switch top digital 230V, 1 channel	16	2	**7LF45110**	**24290.-**	**1**
	Yearly time switch top digital 230V, 2 channel	16	2	**7LF45120**	**46505.-**	**1**
	Weekly time switch profi digital 230V, 1 channel	16	2	**7LF45210**	**43320.-**	**1**
	Weekly time switch profi digital 230V, 2 channel	16	2	**7LF45220**	**56030.-**	**1**
	Weekly time switch astro digital 230V, 1 channel	16	2	**7LF45310**	**43675.-**	**1**
	Weekly time switch astro digital 230V, 2 channel	16	2	**7LF45320**	**73005.-**	**1**
Time Switches (Mechanical) Standards: EN 60730-1						
	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	**7LF53011**	**26875.-**	**1**
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	**7LF53005**	**14835.-**	**1**
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	**7LF53016**	**28545.-**	**1**
7LF53005	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250V AC	16	—	**7LF53050**	**31230.-**	**1**
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250V AC	16	—	**7LF53010**	**17600.-**	**1**
Accessories for Digital Time Switches						
	USB adapter and software			**7LF49410**	**71885.-**	**1**
	Data key profi, astro			**7LF49411**	**7320.-**	**1**

Note:
* LP - List Price
# 1MW (Module Width) = 18mm
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details



3NA6 Fuse with Insulated Gripping Lugs

NEW

Enhancement in safety with high grade plastic cover plates.

IEC **Safe** Complies with IEC standards	**Ease of Maintenance** Retrofitting at site	**Reliable** Siemens trusted quality	RoHS COMPLIANT **RoHS** Complies to RoHS directives



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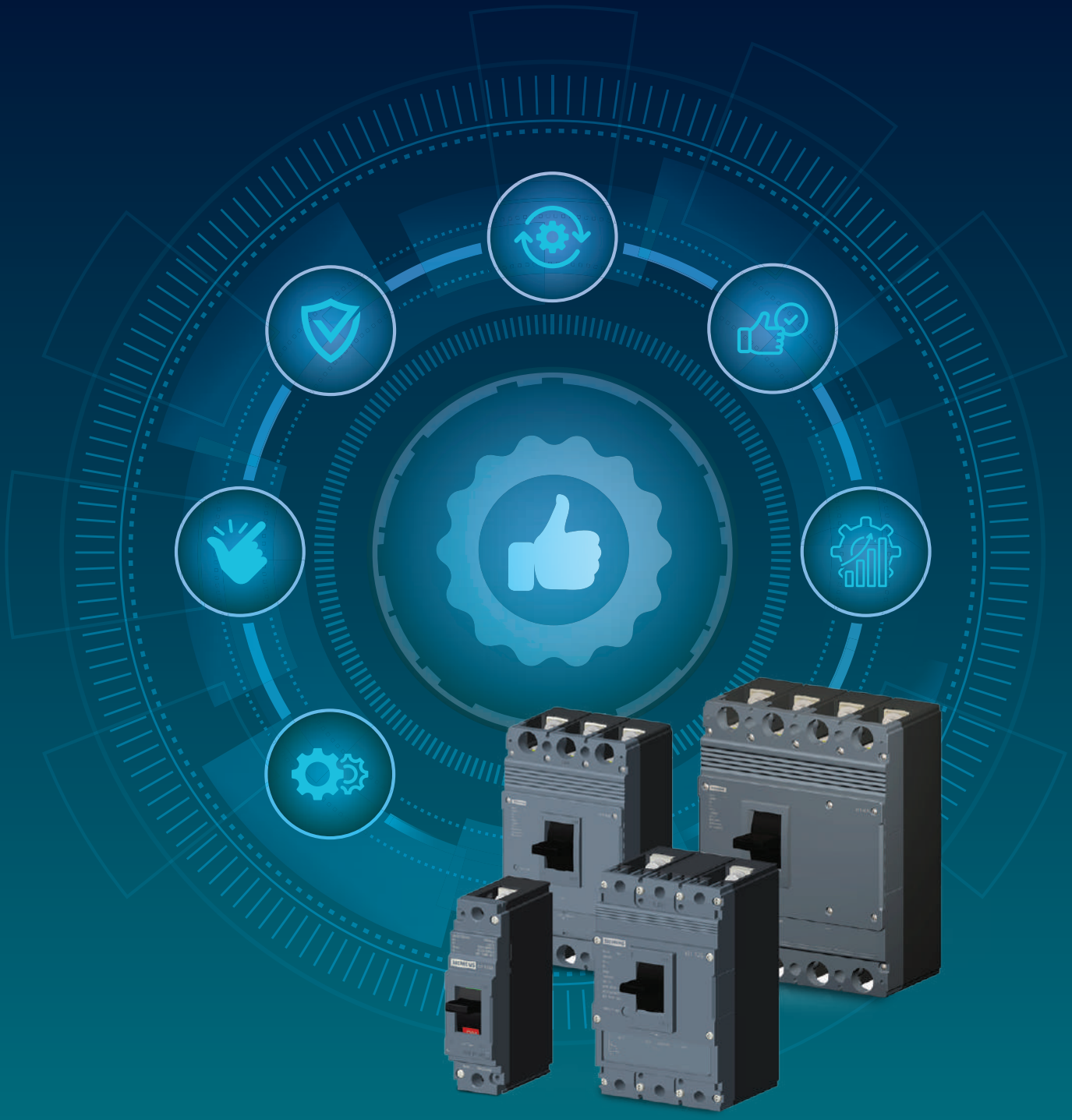

SINOPLUS

3VJ Moulded Case Circuit Breakers

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 10kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM)
- Range of internal and external accessories

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SIEMENS

3VJ Moulded Case Circuit Breakers$

3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415V AC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VJ10 (VJ1 125X)	18kA	16	3VJ1096-1DA32-0AA0	3VJ1096-1EA42-0AA0
		20	3VJ1002-1DA32-0AA0	3VJ1002-1EA42-0AA0
		25	3VJ1092-1DA32-0AA0	3VJ1092-1EA42-0AA0
		32	3VJ1003-1DA32-0AA0	3VJ1003-1EA42-0AA0
		40	3VJ1004-1DA32-0AA0	3VJ1004-1EA42-0AA0
		50	3VJ1005-1DA32-0AA0	3VJ1005-1EA42-0AA0
		63	3VJ1006-1DA32-0AA0	3VJ1006-1EA42-0AA0
		80	3VJ1008-1DA32-0AA0	3VJ1008-1EA42-0AA0
		100	3VJ1010-1DA32-0AA0	3VJ1010-1EA42-0AA0
		125	3VJ1012-1DA32-0AA0	3VJ1012-1EA42-0AA0
	25kA	16	3VJ1096-3DA32-0AA0	3VJ1096-3EA42-0AA0
		20	3VJ1002-3DA32-0AA0	3VJ1002-3EA42-0AA0
		25	3VJ1092-3DA32-0AA0	3VJ1092-3EA42-0AA0
		32	3VJ1003-3DA32-0AA0	3VJ1003-3EA42-0AA0
		40	3VJ1004-3DA32-0AA0	3VJ1004-3EA42-0AA0
		50	3VJ1005-3DA32-0AA0	3VJ1005-3EA42-0AA0
		63	3VJ1006-3DA32-0AA0	3VJ1006-3EA42-0AA0
		80	3VJ1008-3DA32-0AA0	3VJ1008-3EA42-0AA0
		100	3VJ1010-3DA32-0AA0	3VJ1010-3EA42-0AA0
		125	3VJ1012-3DA32-0AA0	3VJ1012-3EA42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-3DA32-0AA0	3VJ1216-3EA42-0AA0
		200	3VJ1220-3DA32-0AA0	3VJ1220-3EA42-0AA0
		250	3VJ1225-3DA32-0AA0	3VJ1225-3EA42-0AA0

3VJ MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415V AC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VJ10 (VJ1 125X)	25kA	16	3VJ1096-3DB32-0AA0	3VJ1096-3EB42-0AA0
		20	3VJ1002-3DB32-0AA0	3VJ1002-3EB42-0AA0
		25	3VJ1092-3DB32-0AA0	3VJ1092-3EB42-0AA0
		32	3VJ1003-3DB32-0AA0	3VJ1003-3EB42-0AA0
		40	3VJ1004-3DB32-0AA0	3VJ1004-3EB42-0AA0
		50	3VJ1005-3DB32-0AA0	3VJ1005-3EB42-0AA0
		63	3VJ1006-3DB32-0AA0	3VJ1006-3EB42-0AA0
		80	3VJ1008-3DB32-0AA0	3VJ1008-3EB42-0AA0
		100	3VJ1010-3DB32-0AA0	3VJ1010-3EB42-0AA0
		125	3VJ1012-3DB32-0AA0	3VJ1012-3EB42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-3DB32-0AA0	3VJ1216-3EB42-0AA0
		200	3VJ1220-3DB32-0AA0	3VJ1220-3EB42-0AA0
		250	3VJ1225-3DB32-0AA0	3VJ1225-3EB42-0AA0
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	3VJ1332-3EB42-0AA0
		400	3VJ1340-3DB32-0AA0	3VJ1340-3EB42-0AA0
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	3VJ1196-5EB42-0AA0
		20	3VJ1102-5DB32-0AA0	3VJ1102-5EB42-0AA0
		25	3VJ1192-5DB32-0AA0	3VJ1192-5EB42-0AA0
		32	3VJ1103-5DB32-0AA0	3VJ1103-5EB42-0AA0
		40	3VJ1104-5DB32-0AA0	3VJ1104-5EB42-0AA0
		50	3VJ1105-5DB32-0AA0	3VJ1105-5EB42-0AA0
		63	3VJ1106-5DB32-0AA0	3VJ1106-5EB42-0AA0
		80	3VJ1108-5DB32-0AA0	3VJ1108-5EB42-0AA0
		100	3VJ1110-5DB32-0AA0	3VJ1110-5EB42-0AA0
		125	3VJ1112-5DB32-0AA0	3VJ1112-5EB42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	3VJ1216-5EB42-0AA0
		200	3VJ1220-5DB32-0AA0	3VJ1220-5EB42-0AA0
		250	3VJ1225-5DB32-0AA0	3VJ1225-5EB42-0AA0
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	3VJ1332-5EB42-0AA0
		400	3VJ1340-5DB32-0AA0	3VJ1340-5EB42-0AA0
3VJ14 (VJ1 630)		630	3VJ1463-5DB32-0AA0	3VJ1463-5EB42-0AA0

$ Kindly refer latest Power Distribution Products Price List for prices

3VJ Internal accessories$

Frame Size / Accessory	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13/14 (VJ1 400/630)
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	3VJ9218-0AN11	3VJ9218-0AN11	3VJ9417-0AN11
	Right	–	3VJ9218-0AN21	3VJ9218-0AN21	3VJ9417-0AN21
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	3VJ9118-0AD11	3VJ9218-0AD11	3VJ9417-0AD11
	Right	–	3VJ9118-0AD21	3VJ9218-0AD21	3VJ9417-0AD21

3VJ External accessories$

Frame Size / Accessory		3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13/14 (VJ1 400/630)
Extended Door Mounted Rotary Operator (including 8UC handle)		3VJ9018-0HD11	3VJ9118-0HD11	3VJ9218-0HD11	3VJ9417-0HD11
	Enclosure	3VJ9016-0DE11 (2P, 3P)	3VJ9116-0DE11 (2P, 3P)	3VJ9216-0DE12 (2P, 3P)	–
		3VJ9014-0DE11 (4P)	3VJ9114-0DE11 (4P)	3VJ9214-0DE12 (4P)	–

Raja+ DOL Starters@
3TW Direct On Line Starters

IS/IEC 60947-4-1

CM/L No.7800027718

3ph, 50Hz DOL Starter in sheet steel housing, including bimetal relay with single phasing protection

	Motor Rating At 415V 3ph 50Hz		Starter Type	Contactors	Thermal Overload Relay	Relay range (A)	Max. Full Load Current (Amp)		Std. Pkg. (Nos.)
	HP	kW					3Ph, 415V 4P Squirrel Cage IS 8789:1996 Table 4	3Ph, 415V 2P MRP Submersible motor IS 9283:1995 Table 2	
	0.33	0.25	3TW7291-1A^64	3TS3010-0A##-08KA0	3UW5102-0J	0.63-1	-	-	1
	0.75	0.55	3TW7291-1A^66	3TS3010-0A##-08KA0	3UW5102-1A	1-1.6	1.7	-	1
	1	0.75	3TW7291-1A^68	3TS3010-0A##-08KA0	3UW5102-1C	1.6-2.5	2.2	-	1
	1.5	1.1	3TW7291-1A^69	3TS3010-0A##-08KA0	3UW5102-1D	2-3.2	2.9	**3.25**	1
	2	1.5	3TW7291-1A^71	3TS3010-0A##-08KA0	3UW5102-1F	3.2-5	3.8	**4.5**	1
	3	2.2	3TW7291-1A^72	3TS3010-0A##-08KA0	3UW5102-1G	4-6.3	5.1	**6.5**	1
	5	3.7	3TW7291-1A^74	3TS3010-0A##-08KA0	3UW5102-1J	6.3-10	8.1	**10**	1
	7.5	5.5	3TW7291-1A^75	3TS3210-0A##-08KA0	3UW5102-1K	8-12.5	11.4	**14.5**	1
	7.5	5.5	3TW7291-1A^77	3TS3210-0A##-08KA0	3UW5102-2A	10-16	-	-	1
	10	7.5	3TW7291-1A^78	3TS3210-0A##-08KA0	3UW5102-2B	12.5-20	15.4	**19.5**	1

^ Enter code for coil voltage, 50Hz (B for 200-400V AC, W for 332 - 456V AC)

Enter Code for operating coil voltage, 50 Hz (Z6 for 200-400V, R0 for 415V)

* MRP - Maximum Retail Price LP - List Price

$ Kindly refer latest Power Distribution Products Price List for prices

@ Kindly refer latest Control Products Price List for prices

Switch Disconnector Fuse@
Superswitch 3KL8 in open execution 3PN

Switch Disconnector Fuse: 3KL8 for power distribution (in Open Execution 3PN)^



Rated current Ie @ 690V AC 50Hz	SDF suitable for DIN type HRC Fuses	SDF suitable for BS type HRC Fuses	SDF suitable for cylindrical type HRC Fuses	Std. pkg. (nos.)
20A	3KL8111-5TA00	3KL8111-5TJ00	3KL8111-5TC00	1
32A	3KL8121-5TA00	3KL8121-5TJ00	3KL8121-5TC00	1
63A	3KL8151-5TA00	3KL8151-5TJ00	3KL8151-5TC00	1
100A	3KL8171-5TA00	–	–	1
100A	3KL8211-5TA00	3KL8211-5TJ00	–	1
125A	3KL8221-5TA00	3KL8221-5TJ00	–	1
160A	3KL8231-5TA00	3KL8231-5TJ00	–	1
200A	3KL8311-5UA00	3KL8311-5UJ00	–	1
250A	3KL8321-5UA00	3KL8321-5UJ00	–	1
315A	3KL8331-5UA00	3KL8331-5UJ00	–	1
400A	3KL8341-5UA00	3KL8341-5UJ00	–	1
500A	3KL8411-5UA00	3KL8411-5UJ00	–	1
630A	3KL8421-5UA00	3KL8421-5UJ00	–	1
800A	3KL8431-5UA00	3KL8431-5UJ00	–	1

^ 3PN is 3 Pole with neutral link

Selection table for SS Housing for 3KL8



Rated current Ie (A)	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
3KL81 (20A - 63A)	3KX8235-4AC	–	1
3KL82 (100A - 160A)	3KX8235-4AC	–	1
3KL83 (200A - 400A)	3KX8345-4AC	–	1
3KL84 (500A - 800A)	3KX8435-4AC	–	1

Rated current Ie (A)	Gland box Reference No.	Unit MRP* ₹	Gland Plate Reference No.	Unit MRP* ₹	Std Pkg. (Nos.)
3KL81(20A-63A)	3KX8235-4DC	-	3KX8235-4GC	-	1
3KL82(100A-160A)	3KX8235-4DC	-	3KX8235-4GC	-	1
3KL83(200A-400A)	3KX8345-4DC	-	3KX8345-4GC	-	1
3KL84(500A-800A)	3KX8435-4DC	-	3KX8435-4GC	-	1

LV HRC Fuses@

DIN Type Fuse
Rated voltage: 500 V AC







Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
000	2	3NA7 802-0RC	–	1/6
	4	3NA7 804-0RC	–	
	6	3NA7 801-0RC	–	
	10	3NA7 803-0RC	–	
	16	3NA7 805-0RC	–	
	20	3NA7 807-0RC	–	
	25	3NA7 810-0RC	–	
	32	3NA7 812-0RC	–	
	40	3NA7 817-0RC	–	
	50	3NA7 820-0RC	–	
	63	3NA7 822-0RC	–	
	80	3NA7 824-0RC	–	
	100	3NA7 830-0RC	–	
00	125	3NA7 832-0RC	–	
	160	3NA7 836-0RC	–	
1	50	3NA7 120-0RC	–	1/3
	63	3NA7 122-0RC	–	
	80	3NA7 124-0RC	–	
	100	3NA7 130-0RC	–	
	125	3NA7 132-0RC	–	
	160	3NA7 136-0RC	–	
	200	3NA7 140-0RC	–	
	224	3NA7 142-0RC	–	
	250	3NA7 144-0RC	–	

400 & 800A fuses - Rated voltage at 415 V AC





Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
2	200	3NA7 240-0RC	–	1/3
	250	3NA7 244-0RC	–	
	315	3NA7 252-0RC	–	
	400#	3NA7 260-0RC	–	
3	315	3NA3 352-0RC	–	1/3
	400	3NA3 360-0RC	–	
	500	3NA3 365-0RC	–	
	630	3NA3 372-0RC	–	
	800#	3NA3 375-4RC	–	

BS Fuses



Type	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
Offset Tag	2	3NW TIA2	–	20
	4	3NW TIA4	–	
	6	3NW TIA6	–	
	10	3NW TIA10	–	
	16	3NW TIA16	–	
	20	3NW TIA20	–	
	25	3NW TIA25	–	
	32	3NW TIA32	–	
	40	3NW TIS40	–	
	50	3NW TIS50	–	
	63	3NW TIS63	–	

Note: * MRP - Maximum Retail Price
@ Kindly refer latest Power Distribution Products Price List for prices

Available till stocks last

Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Betaflex (Flexi DBs), IP42							
	2Row x 12Mod	—	—	24	**8GB31424RC**	**Price on request**	**1**
	2Row x 16Mod	—	—	32	**8GB31426RC**		**1**
	4Row x 6Mod	—	—	24	**8GB31441RC**		**1**
	4Row x 8Mod	—	—	32	**8GB31442RC**		**1**
	4Row x 10Mod	—	—	40	**8GB31443RC**		**1**
	4Row x 12Mod	—	—	48	**8GB31444RC**		**1**
	4Row x 16Mod	—	—	64	**8GB31446RC**		**1**
Betabus (Vertical Busbar DBs with MCB as an incomer), IP42 (Suitable for 5SL/5SP MCBs, upto 125A as an incomer)							
	4 way	12	12	24	**8GB31471RC**	**Price on request**	**1**
	6 way	12	18	30	**8GB31473RC**		**1**
	8 way	12	24	36	**8GB31474RC**		**1**
	12 way	12	36	48	**8GB31477RC**		**1**
Betabusplus (Vertical Busbar DBs with MCCB as an incomer), IP42 (Suitable for 3VT1/3VA1 MCCBs, upto 160A as an incomer)							
	4 way	12	12	24	**8GB31571RC**	**Price on request**	**1**
	6 way	12	18	30	**8GB31572RC**		**1**
	8 way	12	24	36	**8GB31573RC**		**1**
	12 way	12	36	48	**8GB31574RC**		**1**
BetaMulti (DBs for power & communication), IP42							
	12 way SPN, provision	2	12	14	**8GB31215RC**	**Price on request**	**1**
	4 Way TPN, Provision	8	12	20	**8GB31220RC**		**1**
	6 way TPN, provision	8	18	26	**8GB31221RC**		**1**
	8 Way TPN Provision	8	24	32	**8GB31222RC**		**1**

Note:
* MRP - Maximum Retail Price
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Available till stocks last

Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Beta CO (DBs with built-in pre-wired phase changeover switches), IP42							
	40 A, 4 Way TPN, built-in	8	12	20	8GB31850RC	Price on request	1
	40 A, 6 Way TPN, built-in	8	18	26	8GB31851RC		1
	40 A, 8 Way TPN, built-in	8	24	32	8GB31852RC		1
	40 A, 12 Way TPN, built-in	8	36	44	8GB31854RC		1
	63 A, 4 Way TPN, built-in	8	12	20	8GB31860RC		1
	63 A, 6 Way TPN, built-in	8	18	26	8GB31861RC		1
	63 A, 8 Way TPN, built-in	8	24	32	8GB31862RC		1
	63 A, 12 Way TPN, built-in	8	36	44	8GB31864RC		1
Wire Way Boxes (WWB)							
	WWB for Flexi DB,8Mod	—	—	—	8GB9908FWWNT	Price on request	1/5
	WWB for Flexi DB,12Mod	—	—	—	8GB9912FWWNT		1/5
	WWB for Flexi DB,16Mod	—	—	—	8GB9916FWWNT		1/5
	WWB for Bus DB	—	—	—	8GB99BUSWWNT		1/5
	WWB for Bus Plus DB	—	—	—	8GB99BPLUSWWNT		1/5
Modular Device Boxes (MDB)							
	MDB for Flexi DB, 8Mod/Row	—	—	8	8GB9908FMDTC	Price on request	1/5
	MDB for Flexi DB,12Mod/Row	—	—	12	8GB9912FMDTC		1/5
	MDB for Flexi DB,16Mod/Row	—	—	16	8GB9916FMDTC		1/5
	MDB for Bus DB	—	—	12	8GB99BUSMBTC		1/5
	MDB for Bus Plus DB	—	—	12	8GB99BPLUSMBTC		1/5
BetaMulti (DBs for power & communication), IP42							
	12 way SPN, built-in	2	12	14	8GB31315RC	Price on request	1
	4 Way TPN, Built-in	8	12	20	8GB31320RC		1
	6 way TPN, built-in	8	18	26	8GB31321RC		1
	8 Way TPN, Built-in	8	24	32	8GB31322RC		1
Beta CO (DBs with provision for phase changeover switches), IP42							
	4 way, with provision	8	12	20	8GB31840RC	Price on request	1
	6 way, with provision	8	18	26	8GB31841RC		1
	8 way, with provision	8	24	32	8GB31842RC		1
	12 way, with provision	8	36	44	8GB31844RC		1

Betagard Distribution Boards Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Blanking Plate				
	1.5 MW	8GB9902	Price on request	25

Note:
* MRP - Maximum Retail Price
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Discontinued Products

Betagard Circuit Breakers 5SY4, with C characteristics

Reference No.	Reference No.
5SY41807CC	5SY43807CC
5SY42807CC	5SY44807CC

Modular Devices

Reference No.	Reference No.	Reference No.
5TE8161	5TT58000	5TT58306
5TE8162	5TT58006	
5TE8142	5TT58016	

Terms and Conditions

Maximum Retail Price (MRP) / List Price (LP) is subject to revision without prior notice.

The company reserves the right to supply goods at its works or godown at its discretion.

The minimum order size for non-stock items (items not marked with ■) is 50 Nos. for each item or ₹ 50,000/- per item.

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- **List Prices (LPs) mentioned are exclusive of all taxes.**
- **Maximum Retail Prices (MRPs) mentioned in the publication are maximum recommended selling prices.**
- **Invoice amount not to exceed MRP.**
- **Invoice amount = MRP (less) applicable discount + applicable GST %.**
- **For receiving material in factory sealed packing, we request you to order in multiples of the indicated standard packing quantity.**

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7KT PAC1200

Multichannel current measuring system for flexible multichannel monitoring in final distribution

Current Sensors
- Versions: 40 A, 63 A

Sensor Bar
- Versions available for 3, 6, 9, 12

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- Connection of up to 96 sensors (40A/63A)
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- Simple system onfiguration via web server
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*For more details, contact nearest Siemens Sales Office

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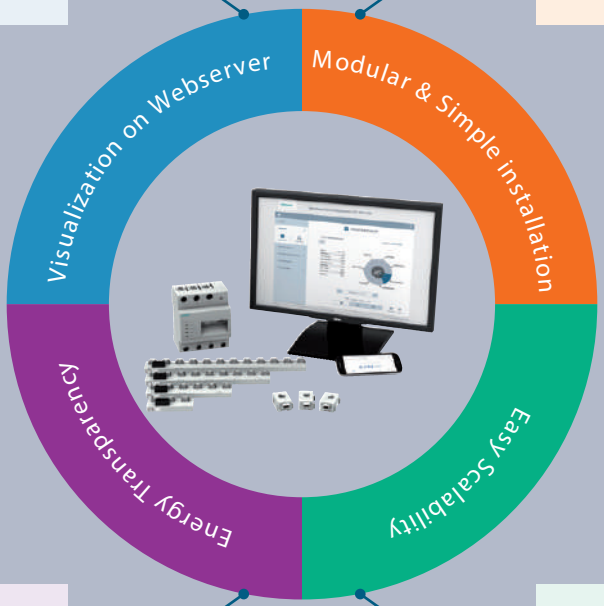
SIEMENS

- Modbus TCP/IP communication
- Simple configuration of system via powerconfig and web server
- Visualization of consumption via Webserver and Mobile App (Android /iOS)

fast

- Flexible sensor bars and current sensors to record up to 96 circuits in one system
- Current sensors simply plug onto the sensor bars, eliminating extensive wiring





plug and play

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- Simultaneous display of power consumption and costs
- Ensures optimal power monitoring

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- Scale up the system without any interruption or cumbersome wiring





Easy



Transparent



Cost-efficient

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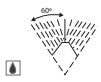
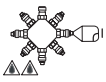
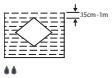
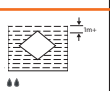
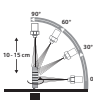
Relevant Standards

Title	IS	IEC	Products							
			MCB		RCCB		RCBO	DB	AFDD	SPD
			5SL4/6/7	5SL5	5SV	5SM	5SU1	8GB	5SM6	5SD7
Electric Installations – MCBs for Building Installations and Similar Purposes Part 1: MCBs for AC Systems	IS 60898-1	IEC 60898-1	✓	–	–	–	–	–	–	–
Low-voltage switchgear and controlgear Part 2: Circuit-breakers	IS 60947-2	IEC 60947-2	–	✓		–	–	–	–	–
Residual Current Operated Circuit-Breakers for household and Similar uses, Part 1: Circuit-Breakers Without Integral Overcurrent Protection (RCCBs)	IS 12640-1	IEC 61008-1	–	–	✓	✓	–	–	–	–
Residual Current Operated Circuit-Breaking for household and Similar uses, Part 2: Circuit-Breakers with Integral Overcurrent Protection (RCBOs)	IS 12640-2	IEC 61009-1	–	–	–	–	✓	–	–	–
General requirements for arc fault detection devices	–	IEC 62606	–	–	–	–	–	–	✓	–
Low-voltage switchgear and controlgear assemblies, Part 2: Power switchgear and controlgear assemblies	–	IEC 61439-1/3	–	–	–	–	–	✓	–	–
Surge protective devices connected to low-voltage power systems	–	IEC 61643-11	–	–	–	–	–	–	–	✓

Degree of Protection

First digit: Protection against solid foreign objects		Second digit: Protection against ingress of water	
	0 No protection		0 No protection
	1 Protected against solid objects up to 50mm (e.g. hand)		1 Protection against vertically falling drops of water (e.g. condensation)
	2 Protected against solid objects up to 12mm diameter (e.g. finger)		2 Protection against direct sprays of water up to 15 degrees from vertical
	3 Protected against solid objects up to 2.5mm diameter (e.g. screwdriver)		3 Protection against direct sprays of water up to 60 degrees from vertical
	4 Protected against solid objects up to 1mm diameter (e.g. wire)		4 Protection against water sprayed from all directions, limited ingress permitted
	5 Protected against dust: limited ingress permitted, no harmful deposit.		5 Protected against low-pressure jets of water from all directions, limited ingress permitted
	6 Totally protected against dust		6 Protected against strong jets of water from all directions, limited ingress permitted (e.g. water from heavy seas on a ship's deck)
			7 Protected against the effect of temporary immersion (30 min) between 15cm and 1m
			8 Protected against long period of immersion under pressure
			9 Protected against high pressure, high temperature jets of water from multiple directions

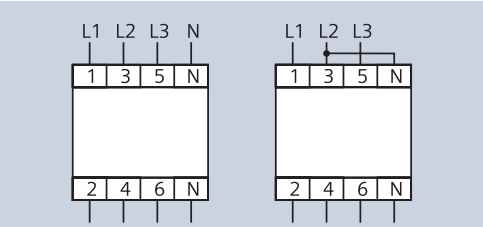
IP 6 8

Installation Guideline for RCCB

RCCB suitability for various distribution networks.

Betagard RCCBs can be used in all 3 distribution network types viz. TN, TT & an IT network system. 4 pole RCCBs can also be used in 3 pole supply networks by adhering to installation guidelines. In this case, connection must be at terminals 1, 3 and 5 and 2, 4 and 6.

The function of the test equipment is only ensured if a jumper is fitted between terminals 3 and N.



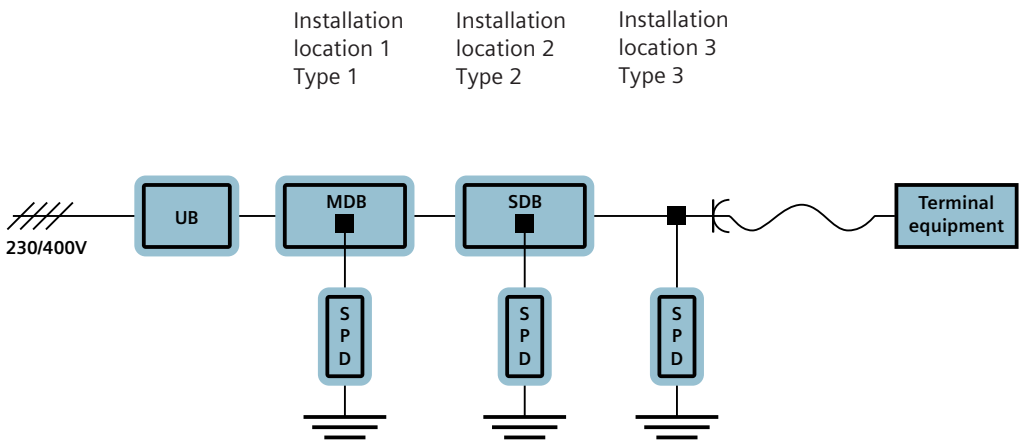
Types and waveform

					6 mA	10 mA		
Type AC		■	–	–	–	–	–	–
Type A		■	■	■	■	–	–	–
Type F		■	■	■	■	■	■	–
Type B		■	■	■	■	■	■	■
Type B+	kHz	■	■	■	■	■	■	■

Version

SIGRES	with active condensation protection for use in severe ambient conditions
[G] / [K]	super-resistant, 10 ms short-term delayed devices with increased immunity to false triggering due to transient disruptions
[S]	as an upstream group switch for selective shutdown against downstream RCCBs

Installation locations for Surge Protection Devices (SPDs)



UB: Utility Box MDB: Main distribution board SDB: Sub Distribution board

Installation location 1 must be as close as possible to the supply point for the electrical system, so that the downstream installations are protected. The SPDs at installation locations 2 and 3 shall not be used without SPDs at installation location 1, and they must be coordinated with these SPDs (i.e. SPDs all from the same manufacturer).

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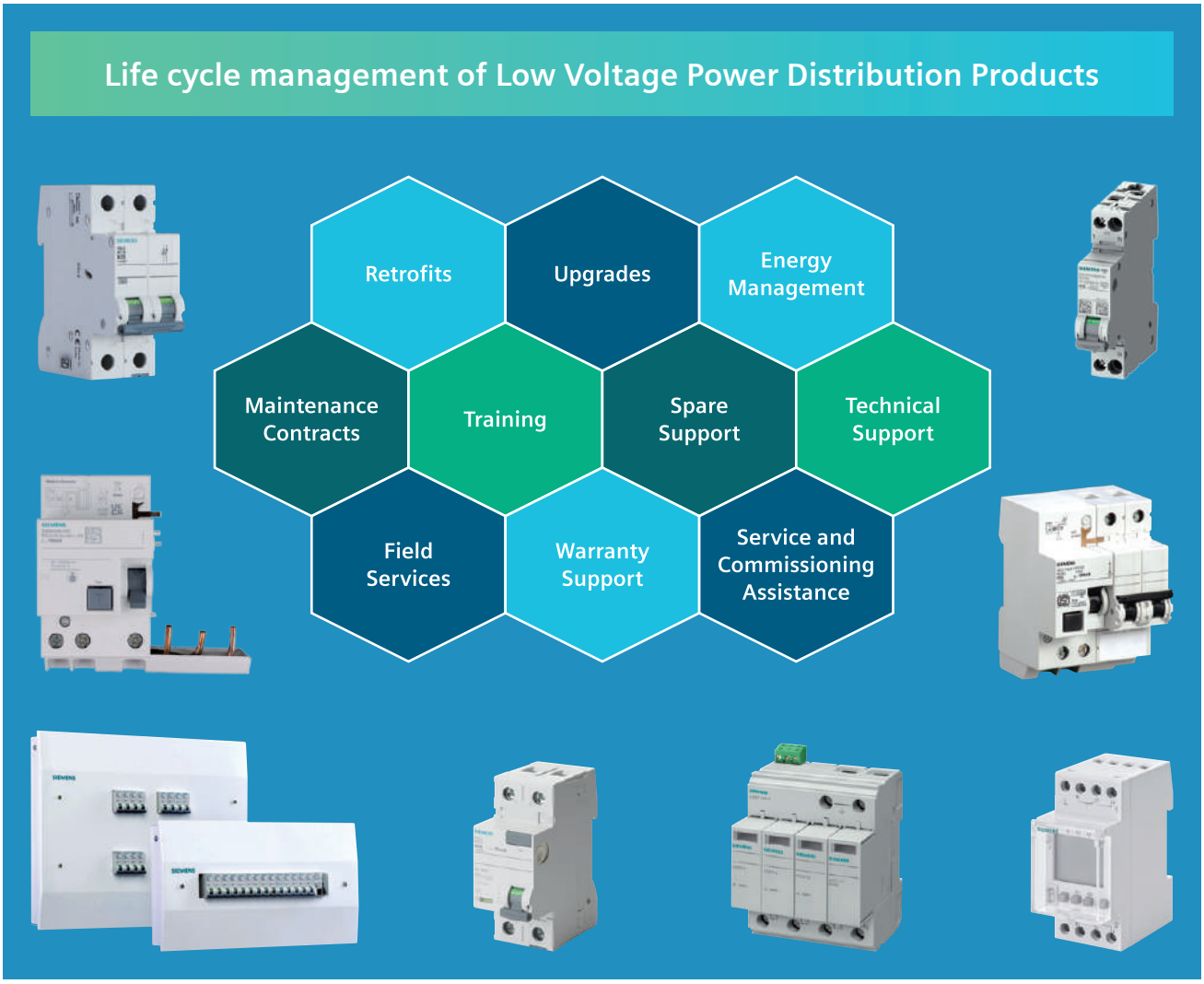

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