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Low Voltage Power Distribution Products

Price List w.e.f. 1st July 2026

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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

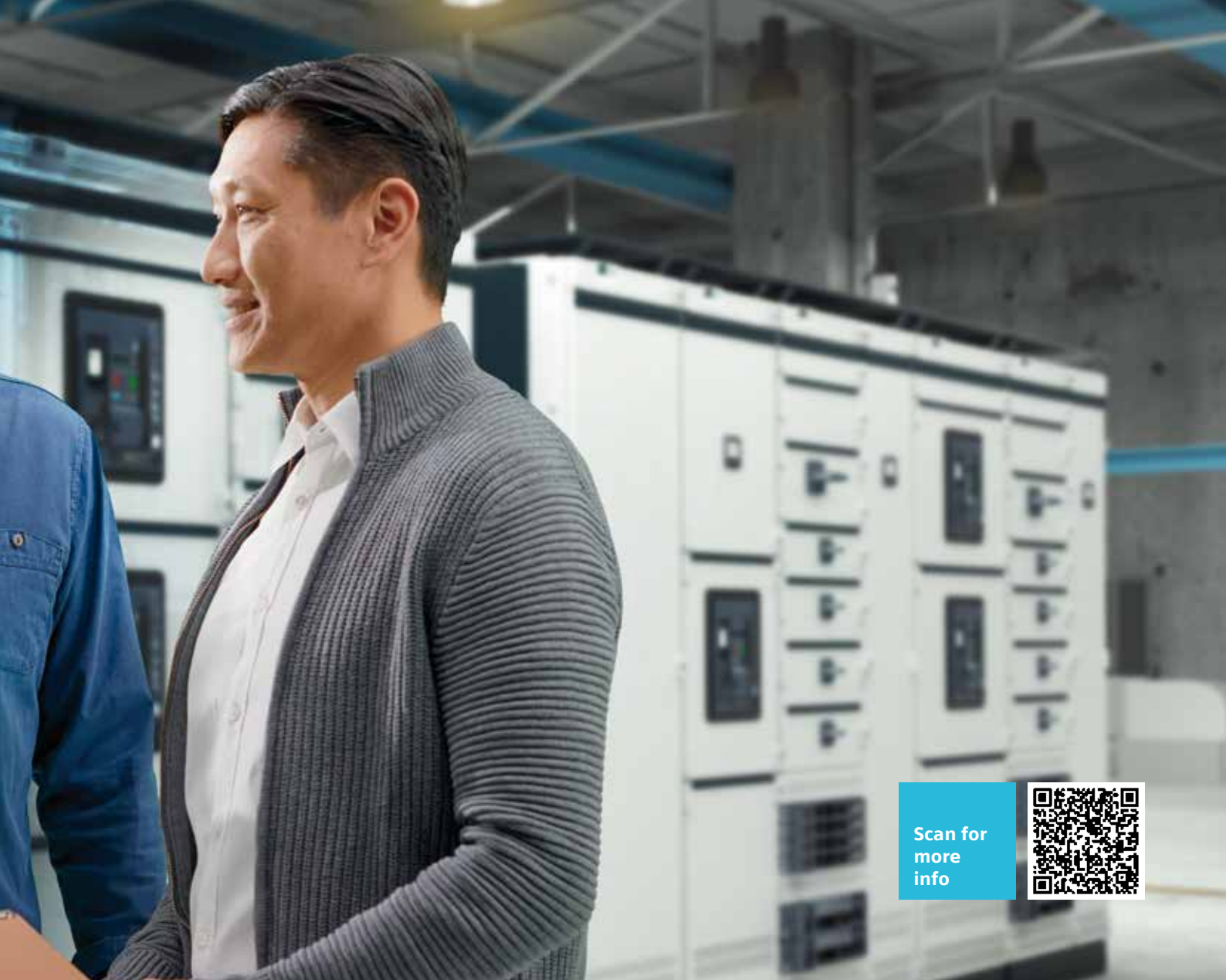


- Permanent flexibility
- Future-proof communication solutions
- High system transparency

Enjoy consistency



- Consistent tool landscape
- Comfortable planning and project engineering



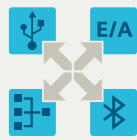
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more
info



Future
ready



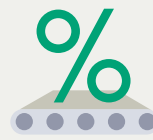
Easy
operation



Advanced
connectivity



Smallest
footprint



Shorter
downtime



Operator
safety



Efficient
metering



Easy
upgrade



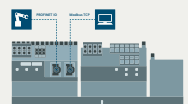
Enhanced
safety



Cyber
security



High system
availability



Dual COM
Profinet with CC-C

SIEMENS



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.

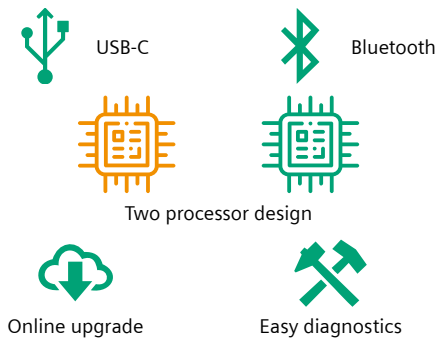
Welcome to the future of digital power distribution.

[siemens.com/3wa](https://www.siemens.com/3wa)

SIEMENS

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 LSING¹⁾ 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	3WA1220-3AF32-0AA0	POR	3WA1220-3AF42-0AA0	POR
			3WA1220-3AF32-4EA4	POR	3WA1220-3AF42-4EA4	POR
		2500	3WA1225-3AF32-0AA0	POR	3WA1225-3AF42-0AA0	POR
			3WA1225-3AF32-4EA4	POR	3WA1225-3AF42-4EA4	POR
		3200	3WA1232-3AF32-0AA0	POR	3WA1232-3AF42-0AA0	POR
			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	3887375.-	3WA1350-5AF42-0AA0	4901095.-
		EDO	3WA1350-5AF32-4EA4	4129880.-	3WA1350-5AF42-4EA4	5143600.-
	6300	MDO	3WA1363-5AF31-0AA0	5186390.-	3WA1363-5AF41-0AA0	6487710.-
		EDO	3WA1363-5AF31-4EA4	5428895.-	3WA1363-5AF41-4EA4	6730215.-

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)

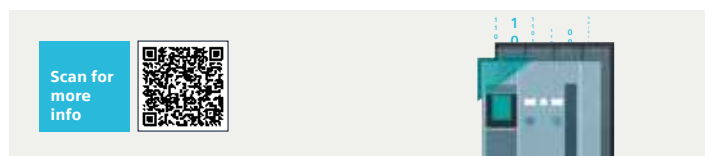
Description	Add LP* ₹
Door Interlock	POR
Position Signal Switch for Withdrawable Breaker	
Castell lock mounting kit*	
Mutual Mechanical Interlocking (Bowden wire)	
PROFINET / MODBUS TCP Communication module	

Castell locks are to be ordered separately.

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

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



Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	—	24-30	3WA9111-0AD02	38600.-
	110-127	110-125	3WA9111-0AD05	38600.-
	208-240	220-250	3WA9111-0AD06	38600.-
Under Voltage Release (Instantaneous)	380-415	—	3WA9111-0AE07	42665.-
Motorised Operating Mechanism	—	24-30	3WA9111-0AF02	213390.-
	110-127	110-125	3WA9111-0AF05	213390.-
	208-240	220-250	3WA9111-0AF06	213390.-
Castell Lock	—	—	3WX3663-6JEL_ \$	10880.-

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

ACB: SENTRON 3WL ^{Plus}

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Accurate protection through microprocessor based trip unit
- Unique ready-to-close interlock for maximum safety
- Mechanical contact erosion indicator
- Fully rated upto 55°C
- Neutral 100% rated
- Integrated online test facility
- Unique CubicleBus technology
- Data communication and power management options



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

Manually operated ACB

Microprocessor based trip unit ETU45B LSIN protection (Overload and short circuit protection)

Frame Size	Rated Current In (A)	Type	Withdrawable design with Guide Frame		Fixed mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WL1106....	POR	POR	POR	POR
	800	3WL1108....				
	1000	3WL1110....				
	1250	3WL1112....				
	1600	3WL1116....				
II	2000	3WL1220....				
	2500	3WL1225....				
	3200	3WL1232....				
	4000	3WL1240....				
III	5000	3WL1350....				
	6300	3WL1363....				

Prices of ACBs with other breaking capacities available on request.

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

Note: Std. Pkg. = 1 unit

Add-on options (Factory fitted)

Microprocessor based Release	Add LP* ₹
For ground fault protection	POR
Protection function LSIN with Current display	
Protection function LSING with Current display	

For prices of breakers with other types of microprocessor based trip unit, please contact your nearest Siemens Sales Office

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

All ACBs are with Top Horizontal - Bottom Horizontal main terminals except 6300A & 4000A which have only Vertical-Vertical main termination.

Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, ready to close signal switch, auxiliary contacts 2NO+ 2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).

Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, ready to close signal switch, auxiliary contacts 2NO+2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

Neutral CT if required, shall be ordered separately. *Castell locks are to be ordered separately.

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

Add-on options (Factory fitted)

Description	Add LP* ₹
Spring Charge Signal Switch	POR
Door Interlock	
Position Signal Switch for Withdrawable Breaker	
Castell lock mounting kit*	
Mutual Mechanical Interlocking (Bowden wire)	
Metering function Plus (voltage transformer must be ordered separately)	
Profibus communication connection (COM15 + BSS)	
Modbus communication connection (COM16 + BSS)	
Modbus TCP/PROFINET communication connection (COM35 + BSS)	

ACB for 1000/1150 V AC operation and DC application available on request

Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	—	24-30	3WA9111-0AD02	38600.-
	110-127	110-125	3WA9111-0AD05	38600.-
	208-240	220-250	3WA9111-0AD06	38600.-
Under Voltage Release (Instantaneous)	380-415	—	3WA9111-0AE07	42665.-
Motorised Operating Mechanism	—	24-30	3WA9111-0AF02	213390.-
	110-127	110-125	3WA9111-0AF05	213390.-
	208-240	220-250	3WA9111-0AF06	213390.-
Castell Lock	—	—	3WX3663-6JEL_ \$	10880.-

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



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
- From medium-voltage in-feed down to final distribution
- Based on calculations as per IS/ IEC standards
- With automatic selection of appropriate switchgear & components

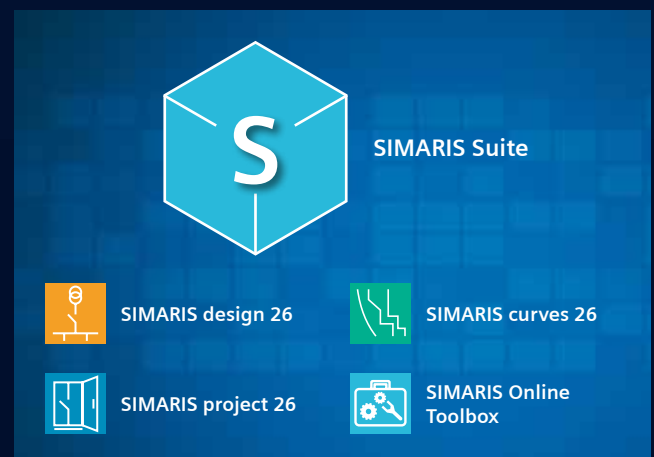
SIMARIS curves

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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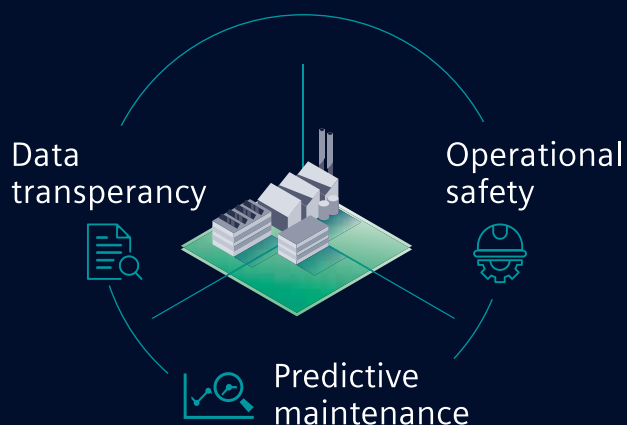


SENTRON 3WT^{Plus}

Air Circuit Breakers

Powering smart installations

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



www.siemens.co.in

SIEMENS

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: LSING¹⁾ + 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	610835.-	3WT8065-6AA04-5AB2	794100.-
		EDO	3WT8061-6UA34-5AB2	790110.-	3WT8065-6UA34-5AB2	973375.-
	800	MDO	3WT8081-6AA04-5AB2	644665.-	3WT8085-6AA04-5AB2	843890.-
		EDO	3WT8081-6UA34-5AB2	823940.-	3WT8085-6UA34-5AB2	1023165.-
	1000	MDO	3WT8101-6AA04-5AB2	662160.-	3WT8105-6AA04-5AB2	858900.-
		EDO	3WT8101-6UA34-5AB2	841435.-	3WT8105-6UA34-5AB2	1038175.-
	1250	MDO	3WT8121-6AA04-5AB2	813325.-	3WT8125-6AA04-5AB2	966890.-
		EDO	3WT8121-6UA34-5AB2	992600.-	3WT8125-6UA34-5AB2	1146165.-
	1600	MDO	3WT8161-6AA04-5AB2	872920.-	3WT8165-6AA04-5AB2	1056685.-
		EDO	3WT8161-6UA34-5AB2	1052195.-	3WT8165-6UA34-5AB2	1235960.-
II	2000	MDO	3WT8202-6AA04-5AB2	1096750.-	3WT8206-6AA04-5AB2	1349825.-
		EDO	3WT8202-6UA34-5AB2	1276025.-	3WT8206-6UA34-5AB2	1529100.-
	2500	MDO	3WT8252-6AA04-5AB2	1242295.-	3WT8256-6AA04-5AB2	1579385.-
		EDO	3WT8252-6UA34-5AB2	1421570.-	3WT8256-6UA34-5AB2	1758660.-
	3200	MDO	3WT8322-6AA04-5AB2	1592700.-	3WT8326-6AA04-5AB2	1954250.-
		EDO	3WT8322-6UA34-5AB2	1771975.-	3WT8326-6UA34-5AB2	2133525.-

Microprocessor based Trip Units

ETU35WT: LSI + Display

5

Reduce

550.-

5

Reduce

550.-

Microprocessor based trip unit ETU37WT: LSING¹⁾ + 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	448885.-	3WT8065-6AA00-0AA2	607310.-
		EF	3WT8061-6UA30-0AA2	628160.-	3WT8065-6UA30-0AA2	786585.-
	800	MF	3WT8081-6AA00-0AA2	484530.-	3WT8085-6AA00-0AA2	666685.-
		EF	3WT8081-6UA30-0AA2	663805.-	3WT8085-6UA30-0AA2	845960.-
	1000	MF	3WT8101-6AA00-0AA2	493945.-	3WT8105-6AA00-0AA2	706260.-
		EF	3WT8101-6UA30-0AA2	673220.-	3WT8105-6UA30-0AA2	885535.-
	1250	MF	3WT8121-6AA00-0AA2	671855.-	3WT8125-6AA00-0AA2	794480.-
		EF	3WT8121-6UA30-0AA2	851130.-	3WT8125-6UA30-0AA2	973755.-
	1600	MF	3WT8161-6AA00-0AA2	685985.-	3WT8165-6AA00-0AA2	851015.-
		EF	3WT8161-6UA30-0AA2	865260.-	3WT8165-6UA30-0AA2	1030290.-
II	2000	MF	3WT8202-6AA00-0AA2	771490.-	3WT8206-6AA00-0AA2	1107490.-
		EF	3WT8202-6UA30-0AA2	950765.-	3WT8206-6UA30-0AA2	1286765.-
	2500	MF	3WT8252-6AA00-0AA2	870840.-	3WT8256-6AA00-0AA2	1300285.-
		EF	3WT8252-6UA30-0AA2	1050115.-	3WT8256-6UA30-0AA2	1479560.-
	3200	MF	3WT8322-6AA00-0AA2	1325920.-	3WT8326-6AA00-0AA2	1632950.-
		EF	3WT8322-6UA30-0AA2	1505195.-	3WT8326-6UA30-0AA2	1812225.-

Microprocessor based Trip Units

ETU35WT: LSI + Display

5

Reduce

550.-

5

Reduce

550.-

For Non-Automatic ACBs please deduct ₹ 1255/- 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 protection¹⁾

N: Neutral protection¹⁾

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	192370.-
	220-240	220-250	3WT9831-1JK00	192370.-
Shunt Release or Closing Coil	–	24	3WT9851-1JB00	16480.-
Suitable for continuous operation	110-127	110-125	3WT9851-1JH00	16480.-
	220-240	220-250	3WT9851-1JK00	16480.-
Under Voltage Release Instantaneous	110-127	110-125	3WT9853-1JH00	17110.-
	208-240	220-250	3WT9853-1JK00	17110.-
	380-415	–	3WT9853-1JM00	17110.-
Auxiliary Terminal Block	Fixed circuit breaker		3WT9825-1JC00	12035.-
	Drawout circuit breaker		3WT9827-1JA00	12035.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	9210.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	37235.-
5 digit operating cycle counter			3WT9864-0CA00	31090.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	28900.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	28900.-
Castell Lock Mounting Kit (to prevent unauthorized closing of the circuit breaker)			3WT9863-6JE00	26670.-
Castell Lock			3WX3663-6JEL_#	10880.-
Door Sealing Frame (Also suitable for 3WL ACB)			3WX3686-0JA00	6940.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WA9111-0AA21	70680.-
	Size II		3WA9111-0AA22	81960.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WA9111-0AA31	85135.-
	Size II		3WA9111-0AA32	107575.-

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

SENTRON Powerconfig

Parameterization and commissioning of LV power distribution

Parameterization

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



Service

- Firmware update
- Function upgrade



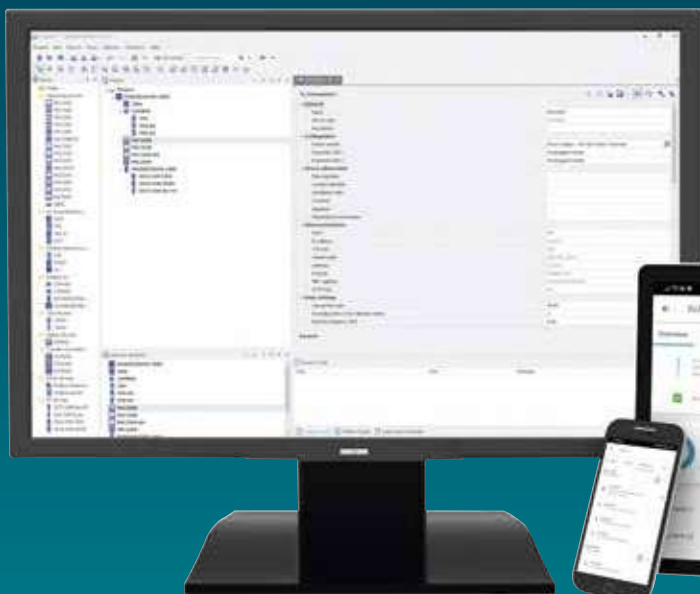
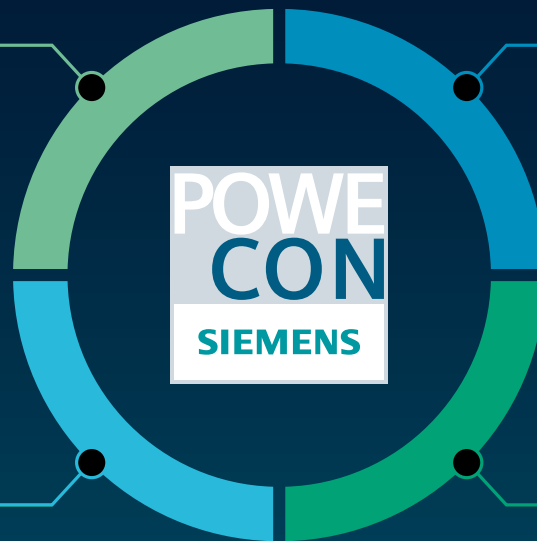
Diagnosis

- Measured value recording
- Communication test
- Device diagnosis



Documentation

- Project file
- Documentation export
- Device template



SIEMENS



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	20580.-	3VA1096-2ED42-0AA0	26675.-
		20	3VA1020-2ED32-0AA0	20580.-	3VA1020-2ED42-0AA0	26675.-
		25	3VA1025-2ED32-0AA0	20580.-	3VA1025-2ED42-0AA0	26675.-
		32	3VA1032-2ED32-0AA0	20580.-	3VA1032-2ED42-0AA0	26675.-
		40	3VA1040-2ED32-0AA0	20580.-	3VA1040-2ED42-0AA0	26675.-
		50	3VA1050-2ED32-0AA0	20580.-	3VA1050-2ED42-0AA0	26675.-
		63	3VA1063-2ED32-0AA0	20580.-	3VA1063-2ED42-0AA0	26675.-
		80	3VA1080-2ED32-0AA0	22505.-	3VA1080-2ED42-0AA0	29240.-
		100	3VA1010-2ED32-0AA0	26060.-	3VA1010-2ED42-0AA0	33935.-
3VA10	25kA	16	3VA1096-3ED32-0AA0	21140.-	3VA1096-3ED42-0AA0	27575.-
		20	3VA1020-3ED32-0AA0	21140.-	3VA1020-3ED42-0AA0	27575.-
		25	3VA1025-3ED32-0AA0	21140.-	3VA1025-3ED42-0AA0	27575.-
		32	3VA1032-3ED32-0AA0	21140.-	3VA1032-3ED42-0AA0	27575.-
		40	3VA1040-3ED32-0AA0	21140.-	3VA1040-3ED42-0AA0	27575.-
		50	3VA1050-3ED32-0AA0	21140.-	3VA1050-3ED42-0AA0	27575.-
		63	3VA1063-3ED32-0AA0	21140.-	3VA1063-3ED42-0AA0	27575.-
		80	3VA1080-3ED32-0AA0	22980.-	3VA1080-3ED42-0AA0	29910.-
		100	3VA1010-3ED32-0AA0	27100.-	3VA1010-3ED42-0AA0	34625.-
3VA11		125	3VA1112-3ED32-0AA0	45690.-	3VA1112-3ED42-0AA0	58220.-
		160	3VA1116-3ED32-0AA0	52170.-	3VA1116-3ED42-0AA0	67890.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	22310.-	3VA1196-4GD42-0AA0	30865.-
		20	3VA1020-4ED32-0AA0	22310.-	3VA1120-4GD42-0AA0	30865.-
		25	3VA1025-4ED32-0AA0	22310.-	3VA1125-4GD42-0AA0	30865.-
		32	3VA1032-4ED32-0AA0	22310.-	3VA1132-4GD42-0AA0	30865.-
		40	3VA1040-4ED32-0AA0	22310.-	3VA1140-4GD42-0AA0	30865.-
		50	3VA1050-4ED32-0AA0	22310.-	3VA1150-4GD42-0AA0	30865.-
		63	3VA1063-4ED32-0AA0	22310.-	3VA1163-4GD42-0AA0	30865.-
		80	3VA1080-4ED32-0AA0	23405.-	3VA1180-4GD42-0AA0	33845.-
		100	3VA1010-4ED32-0AA0	28175.-	3VA1110-4GD42-0AA0	39095.-
3VA11		125	3VA1112-4ED32-0AA0	48680.-	3VA1112-4GD42-0AA0	63280.-
		160	3VA1116-4ED32-0AA0	56760.-	3VA1116-4GD42-0AA0	73800.-
3VA11	55kA	16	3VA1196-5ED32-0AA0	26140.-	3VA1196-5GD42-0AA0	33935.-
		20	3VA1120-5ED32-0AA0	26140.-	3VA1120-5GD42-0AA0	33935.-
		25	3VA1125-5ED32-0AA0	26140.-	3VA1125-5GD42-0AA0	33935.-
		32	3VA1132-5ED32-0AA0	26140.-	3VA1132-5GD42-0AA0	33935.-
		40	3VA1140-5ED32-0AA0	26140.-	3VA1140-5GD42-0AA0	33935.-
		50	3VA1150-5ED32-0AA0	26140.-	3VA1150-5GD42-0AA0	33935.-
		63	3VA1163-5ED32-0AA0	26640.-	3VA1163-5GD42-0AA0	33935.-
		80	3VA1180-5ED32-0AA0	28685.-	3VA1180-5GD42-0AA0	37260.-
		100	3VA1110-5ED32-0AA0	33205.-	3VA1110-5GD42-0AA0	43060.-
		125	3VA1112-5ED32-0AA0	53500.-	3VA1112-5GD42-0AA0	69530.-
		160	3VA1116-5ED32-0AA0	62380.-	3VA1116-5GD42-0AA0	81185.-

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

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

SENTRON 3VA - Flying on the wings of technology

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	26825.-	3VA1196-3GE42-0AA0	38425.-
		20	3VA1120-3EE32-0AA0	26825.-	3VA1120-3GE42-0AA0	38425.-
		25	3VA1125-3EE32-0AA0	26825.-	3VA1125-3GE42-0AA0	38425.-
		32	3VA1132-3EE32-0AA0	26825.-	3VA1132-3GE42-0AA0	38425.-
		40	3VA1140-3EE32-0AA0	26825.-	3VA1140-3GE42-0AA0	38425.-
		50	3VA1150-3EE32-0AA0	26825.-	3VA1150-3GE42-0AA0	38425.-
		63	3VA1163-3EE32-0AA0	26825.-	3VA1163-3GE42-0AA0	38425.-
		80	3VA1180-3EE32-0AA0	26825.-	3VA1180-3GE42-0AA0	38425.-
		100	3VA1110-3EE32-0AA0	28685.-	3VA1110-3GE42-0AA0	38425.-
		125	3VA1112-3EE32-0AA0	48680.-	3VA1112-3GE42-0AA0	59945.-
3VA11	36kA	160	3VA1116-3EE32-0AA0	53705.-	3VA1116-3GE42-0AA0	69625.-
		16	3VA1196-4EE32-0AA0	33125.-	3VA1196-4GE42-0AA0	43350.-
		20	3VA1120-4EE32-0AA0	33125.-	3VA1120-4GE42-0AA0	43350.-
		25	3VA1125-4EE32-0AA0	33125.-	3VA1125-4GE42-0AA0	43350.-
		32	3VA1132-4EE32-0AA0	33125.-	3VA1132-4GE42-0AA0	43350.-
		40	3VA1140-4EE32-0AA0	33125.-	3VA1140-4GE42-0AA0	43350.-
		50	3VA1150-4EE32-0AA0	33125.-	3VA1150-4GE42-0AA0	43350.-
		63	3VA1163-4EE32-0AA0	33125.-	3VA1163-4GE42-0AA0	43350.-
		80	3VA1180-4EE32-0AA0	33125.-	3VA1180-4GE42-0AA0	43350.-
		100	3VA1110-4EE32-0AA0	33125.-	3VA1110-4GE42-0AA0	43350.-
3VA12		125	3VA1112-4EE32-0AA0	50970.-	3VA1112-4GE42-0AA0	64930.-
		160	3VA1116-4EE32-0AA0	58345.-	3VA1116-4GE42-0AA0	75715.-
		200	3VA1220-4EE32-0AA0	73590.-	3VA1220-4GE42-0AA0	90670.-
		250	3VA1225-4EE32-0AA0	78010.-	3VA1225-4GE42-0AA0	97945.-
3VA13		320	3VA1332-4EE32-0AA0	104615.-	3VA1332-4GE42-0AA0	135440.-
		400	3VA1340-4EE32-0AA0	104615.-	3VA1340-4GE42-0AA0	135440.-
3VA14		500	3VA1450-4EE32-0AA0	135025.-	3VA1450-4GE42-0AA0	174910.-
		630	3VA1463-4EE32-0AA0	135025.-	3VA1463-4GE42-0AA0	174910.-
3VA11	55kA	16	3VA1196-5EE32-0AA0	37740.-	3VA1196-5GE42-0AA0	47700.-
		20	3VA1120-5EE32-0AA0	37740.-	3VA1120-5GE42-0AA0	47700.-
		25	3VA1125-5EE32-0AA0	37740.-	3VA1125-5GE42-0AA0	47700.-
		32	3VA1132-5EE32-0AA0	37740.-	3VA1132-5GE42-0AA0	47700.-
		40	3VA1140-5EE32-0AA0	37740.-	3VA1140-5GE42-0AA0	47700.-
		50	3VA1150-5EE32-0AA0	37740.-	3VA1150-5GE42-0AA0	47700.-
		63	3VA1163-5EE32-0AA0	37740.-	3VA1163-5GE42-0AA0	47700.-
		80	3VA1180-5EE32-0AA0	37740.-	3VA1180-5GE42-0AA0	47700.-
		100	3VA1110-5EE32-0AA0	37740.-	3VA1110-5GE42-0AA0	47700.-
		125	3VA1112-5EE32-0AA0	59280.-	3VA1112-5GE42-0AA0	71195.-
3VA12		160	3VA1116-5EE32-0AA0	64130.-	3VA1116-5GE42-0AA0	82765.-
		200	3VA1220-5EE32-0AA0	76630.-	3VA1220-5GE42-0AA0	93590.-
		250	3VA1225-5EE32-0AA0	81245.-	3VA1225-5GE42-0AA0	102935.-
		320	3VA1332-5EE32-0AA0	119290.-	3VA1332-5GE42-0AA0	149430.-
3VA13		400	3VA1340-5EE32-0AA0	119290.-	3VA1340-5GE42-0AA0	149430.-
		500	3VA1450-5EE32-0AA0	154285.-	3VA1450-5GE42-0AA0	192740.-
3VA14		630	3VA1463-5EE32-0AA0	154285.-	3VA1463-5GE42-0AA0	192740.-
		800*	3VA1580-5EF32-0AA0	230500.-	3VA1580-5GF42-0AA0	298705.-
3VA15		1000*	3VA1510-5EF32-0AA0	322015.-	3VA1510-5GF42-0AA0	417850.-
3VA11	70kA	16	3VA1196-6EE32-0AA0	51650.-	3VA1196-6GE42-0AA0	64910.-
		20	3VA1120-6EE32-0AA0	51650.-	3VA1120-6GE42-0AA0	64910.-
		25	3VA1125-6EE32-0AA0	51650.-	3VA1125-6GE42-0AA0	64910.-
		32	3VA1132-6EE32-0AA0	51650.-	3VA1132-6GE42-0AA0	64910.-
		40	3VA1140-6EE32-0AA0	51650.-	3VA1140-6GE42-0AA0	64910.-
		50	3VA1150-6EE32-0AA0	51650.-	3VA1150-6GE42-0AA0	64910.-
		63	3VA1163-6EE32-0AA0	51650.-	3VA1163-6GE42-0AA0	64910.-
		80	3VA1180-6EE32-0AA0	51650.-	3VA1180-6GE42-0AA0	64910.-
		100	3VA1110-6EE32-0AA0	51650.-	3VA1110-6GE42-0AA0	64910.-
		125	3VA1112-6EE32-0AA0	96025.-	3VA1112-6GE42-0AA0	102960.-
3VA12		160	3VA1116-6EE32-0AA0	96025.-	3VA1116-6GE42-0AA0	102960.-
		200	3VA1220-6EE32-0AA0	103345.-	3VA1220-6GE42-0AA0	132985.-
		250	3VA1225-6EE32-0AA0	115820.-	3VA1225-6GE42-0AA0	132985.-
3VA13		320	3VA1332-6EE32-0AA0	130750.-	3VA1332-6GE42-0AA0	169025.-
		400	3VA1340-6EE32-0AA0	130750.-	3VA1340-6GE42-0AA0	169025.-
3VA14		500	3VA1450-6EE32-0AA0	185860.-	3VA1450-6GE42-0AA0	240970.-
		630	3VA1463-6EE32-0AA0	185860.-	3VA1463-6GE42-0AA0	240970.-
3VA15		800*	3VA1580-6EF32-0AA0	253825.-	3VA1580-6GF42-0AA0	328930.-
		1000*	3VA1510-6EF32-0AA0	353950.-	3VA1510-6GF42-0AA0	460130.-

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	
	55kA	630	3VA1463-4EF32-0AA0		3VA1463-4GF42-0AA0	
3VA12		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	
	70kA	630	3VA1463-5EF32-0AA0		3VA1463-5GF42-0AA0	
3VA12		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*	34710.-	3VA1181-6MG32-0AA0*	42625.-
	2	3VA1102-5MG32-0AA0*	34710.-	3VA1102-6MG32-0AA0*	42625.-
	4	3VA1104-5MG32-0AA0*	34710.-	3VA1104-6MG32-0AA0*	42625.-
	8	3VA1108-5MG32-0AA0*	34710.-	3VA1108-6MG32-0AA0*	42625.-
	12.5	3VA1192-5MG32-0AA0*	34710.-	3VA1192-6MG32-0AA0*	42625.-
	20	3VA1120-5MH32-0AA0	34710.-	3VA1120-6MH32-0AA0	42625.-
	32	3VA1132-5MH32-0AA0	41460.-	3VA1132-6MH32-0AA0	44675.-
	40	3VA1140-5MH32-0AA0	41460.-	3VA1140-6MH32-0AA0	44675.-
	50	3VA1150-5MH32-0AA0	41460.-	3VA1150-6MH32-0AA0	44675.-
	63	3VA1163-5MH32-0AA0	41460.-	3VA1163-6MH32-0AA0	44675.-
	80	3VA1180-5MH32-0AA0	41460.-	3VA1180-6MH32-0AA0	44675.-
	100	3VA1110-5MH32-0AA0	41460.-	3VA1110-6MH32-0AA0	44675.-
	125	3VA1112-5MH32-0AA0	59470.-	3VA1112-6MH32-0AA0	64290.-
3VA12	160	3VA1216-5MH32-0AA0	62410.-	3VA1216-6MH32-0AA0	88925.-
	200	3VA1220-5MH32-0AA0	85830.-	3VA1220-6MH32-0AA0	105330.-
3VA13	250	3VA1325-5MH32-0AA0	93660.-	3VA1325-6MH32-0AA0	106595.-
	320	3VA1332-5MH32-0AA0	128515.-	3VA1332-6MH32-0AA0	146450.-
3VA14	400	3VA1440-5MH32-0AA0	147110.-	3VA1440-6MH32-0AA0	153715.-
	500	3VA1450-5MH32-0AA0	169350.-	3VA1450-6MH32-0AA0	192275.-
3VA15	630	3VA1563-5MH32-0AA0	195235.-	3VA1563-6MH32-0AA0	212690.-
	800	3VA1580-5MH32-0AA0	259330.-	3VA1580-6MH32-0AA0	285560.-

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

& Fixed magnetic trip unit

SETRON 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	29130.-	3VA1163-1AA42-0AA0	43050.-
		100	3VA1110-1AA32-0AA0	29130.-	3VA1110-1AA42-0AA0	43050.-
		125	3VA1112-1AA32-0AA0	59590.-	3VA1112-1AA42-0AA0	79445.-
		160	3VA1116-1AA32-0AA0	59590.-	3VA1116-1AA42-0AA0	79445.-
3VA12	NA	250	3VA1225-1AA32-0AA0	59590.-	3VA1225-1AA42-0AA0	79445.-
3VA13	NA	400	3VA1340-1AA32-0AA0	76855.-	3VA1340-1AA42-0AA0	99940.-

NA - Not Applicable

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

Earth fault monitoring relay

Description	Type	Unit LP* ₹
Earth fault monitoring relay	7UG0861-1BU20	9755.-
CBCT for EFR: 160 frame	3P	3365.-
Suitable for 3VA1 up to 160A	4P	3840.-
CBCT for EFR: 250 frame	3P	4065.-
Suitable for 3VA1 250A, 3VA2 up to 160A/250A	4P	4790.-
CBCT for EFR: 630 frame	3P	5995.-
Suitable for 3VA1/3VA2 400A/ 630A	4P	6490.-



Earth leakage monitoring relay

Description	Type	Unit LP* ₹
Earth leakage relay	110VAC	9440.-
1Ph-2W, 3Ph-3W, 3Ph-4W	230VAC	9535.-
CBCT for ELR	35 mm dia	3430.-
	70 mm dia	3925.-
	120 mm dia	6690.-
	210 mm dia	12860.-
	310 mm dia	19170.-



Note: Order 1 no of shunt trip release for MCCB separately 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

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

Inbuilt
in ETU5

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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



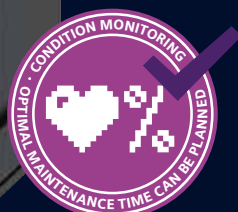
Optimized energy availability



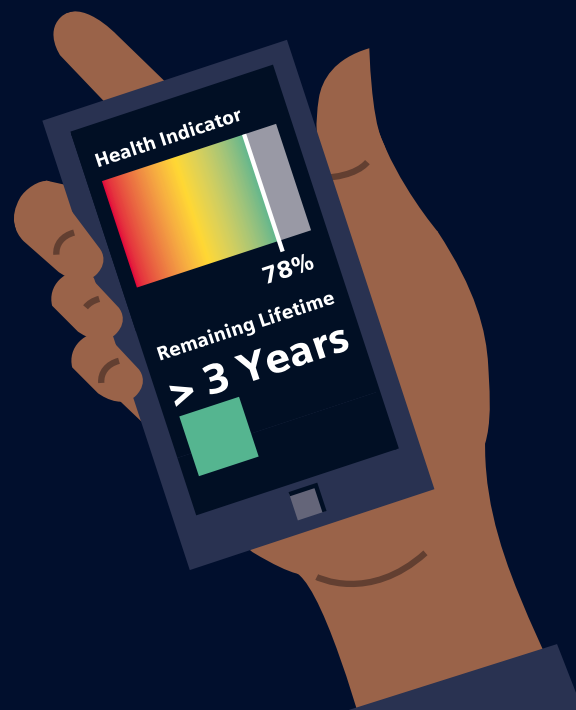
Reduced time and costs for
maintenance



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 - Flying on the wings of technology

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	68430.-	3VA2025-4HL42-0AA0	88225.-
		40	3VA2040-4HL32-0AA0	68430.-	3VA2040-4HL42-0AA0	88225.-
		63	3VA2063-4HL32-0AA0	68430.-	3VA2063-4HL42-0AA0	88225.-
		100	3VA2010-4HL32-0AA0	68430.-	3VA2010-4HL42-0AA0	88225.-
3VA21		160	3VA2116-4HL32-0AA0	92525.-	3VA2116-4HL42-0AA0	129145.-
3VA22		250	3VA2225-4HL32-0AA0	126980.-	3VA2225-4HL42-0AA0	172175.-
3VA23		400	3VA2340-4HL32-0AA0	169655.-	3VA2340-4HL42-0AA0	223295.-
3VA24		630	3VA2463-4HL32-0AA0	176375.-	3VA2463-4HL42-0AA0	233720.-
3VA20	55kA	25	3VA2025-5HL32-0AA0	87030.-	3VA2025-5HL42-0AA0	119225.-
		40	3VA2040-5HL32-0AA0	87030.-	3VA2040-5HL42-0AA0	119225.-
		63	3VA2063-5HL32-0AA0	87030.-	3VA2063-5HL42-0AA0	119225.-
		100	3VA2010-5HL32-0AA0	87030.-	3VA2010-5HL42-0AA0	119225.-
3VA21		160	3VA2116-5HL32-0AA0	110315.-	3VA2116-5HL42-0AA0	142850.-
3VA22		250	3VA2225-5HL32-0AA0	144125.-	3VA2225-5HL42-0AA0	190295.-
3VA23		400	3VA2340-5HL32-0AA0	182930.-	3VA2340-5HL42-0AA0	239735.-
3VA24		630	3VA2463-5HL32-0AA0	224710.-	3VA2463-5HL42-0AA0	250945.-
3VA25		800	3VA2580-5HL32-0AA0	328560.-	3VA2580-5HL42-0AA0	420295.-
		1000	3VA2510-5HL32-0AA0	435360.-	3VA2510-5HL42-0AA0	581220.-
3VA26		1250	3VA2612-5HL32-0AA0	617255.-	3VA2612-5HL42-0AA0	824230.-
3VA20		85kA	25	3VA2025-6HL32-0AA0	113780.-	3VA2025-6HL42-0AA0
	40		3VA2040-6HL32-0AA0	113780.-	3VA2040-6HL42-0AA0	140950.-
	63		3VA2063-6HL32-0AA0	113780.-	3VA2063-6HL42-0AA0	140950.-
	100		3VA2010-6HL32-0AA0	113780.-	3VA2010-6HL42-0AA0	140950.-
3VA21	160		3VA2116-6HL32-0AA0	149190.-	3VA2116-6HL42-0AA0	190450.-
3VA22	250		3VA2225-6HL32-0AA0	165695.-	3VA2225-6HL42-0AA0	241295.-
3VA23	400		3VA2340-6HL32-0AA0	207920.-	3VA2340-6HL42-0AA0	273005.-
3VA24	630		3VA2463-6HL32-0AA0	248395.-	3VA2463-6HL42-0AA0	331420.-
3VA25	800		3VA2580-6HL32-0AA0	361240.-	3VA2580-6HL42-0AA0	480505.-
	1000		3VA2510-6HL32-0AA0	497880.-	3VA2510-6HL42-0AA0	664590.-
3VA26	1250		3VA2612-6HL32-0AA0	705425.-	3VA2612-6HL42-0AA0	944250.-

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	94255.-	3VA2025-4HM42-0AA0	116200.-
		40	3VA2040-4HM32-0AA0	94255.-	3VA2040-4HM42-0AA0	116200.-
		63	3VA2063-4HM32-0AA0	94255.-	3VA2063-4HM42-0AA0	116200.-
		100	3VA2010-4HM32-0AA0	94255.-	3VA2010-4HM42-0AA0	116200.-
3VA21		160	3VA2116-4HM32-0AA0	119225.-	3VA2116-4HM42-0AA0	148480.-
3VA22		250	3VA2225-4HM32-0AA0	150680.-	3VA2225-4HM42-0AA0	189390.-
3VA23		400	3VA2340-4HM32-0AA0	202650.-	3VA2340-4HM42-0AA0	255600.-
3VA24		630	3VA2463-4HM32-0AA0	222905.-	3VA2463-4HM42-0AA0	281110.-
3VA20	55kA	25	3VA2025-5HM32-0AA0	107450.-	3VA2025-5HM42-0AA0	123125.-
		40	3VA2040-5HM32-0AA0	107450.-	3VA2040-5HM42-0AA0	123125.-
		63	3VA2063-5HM32-0AA0	107450.-	3VA2063-5HM42-0AA0	123125.-
		100	3VA2010-5HM32-0AA0	109660.-	3VA2010-5HM42-0AA0	128680.-
3VA21		160	3VA2116-5HM32-0AA0	147740.-	3VA2116-5HM42-0AA0	177290.-
3VA22		250	3VA2225-5HM32-0AA0	180160.-	3VA2225-5HM42-0AA0	224870.-
3VA23		400	3VA2340-5HM32-0AA0	217560.-	3VA2340-5HM42-0AA0	274430.-
3VA24		630	3VA2463-5HM32-0AA0	239365.-	3VA2463-5HM42-0AA0	301810.-
3VA25		800	3VA2580-5HM32-0AA0	347340.-	3VA2580-5HM42-0AA0	451565.-
		1000	3VA2510-5HM32-0AA0	466620.-	3VA2510-5HM42-0AA0	612500.-
3VA26		1250	3VA2612-5HM32-0AA0	652760.-	3VA2612-5HM42-0AA0	862195.-
3VA20		85kA	25	3VA2025-6HM32-0AA0	134155.-	3VA2025-6HM42-0AA0
	40		3VA2040-6HM32-0AA0	134155.-	3VA2040-6HM42-0AA0	163150.-
	63		3VA2063-6HM32-0AA0	134155.-	3VA2063-6HM42-0AA0	163150.-
	100		3VA2010-6HM32-0AA0	134155.-	3VA2010-6HM42-0AA0	163150.-
3VA21	160		3VA2116-6HM32-0AA0	170920.-	3VA2116-6HM42-0AA0	214550.-
3VA22	250		3VA2225-6HM32-0AA0	200190.-	3VA2225-6HM42-0AA0	280860.-
3VA23	400		3VA2340-6HM32-0AA0	242555.-	3VA2340-6HM42-0AA0	307655.-
3VA24	630		3VA2463-6HM32-0AA0	266790.-	3VA2463-6HM42-0AA0	338460.-
3VA25	800		3VA2580-6HM32-0AA0	391370.-	3VA2580-6HM42-0AA0	511775.-
	1000		3VA2510-6HM32-0AA0	527980.-	3VA2510-6HM42-0AA0	695845.-
3VA26	1250		3VA2612-6HM32-0AA0	742170.-	3VA2612-6HM42-0AA0	982200.-

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)	4705.-	3VA9988-0AA12 (1 C/O)	4705.-
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)	7270.-	3VA9988-0AB12 (1 C/O)	7270.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	3875.- 3875.-	-	-
Electrical alarm switches (EAS) for 3VA2 Only	-	-	3VA9988-0AB22	3875.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz	3VA9908-0BB24	11130.-	3VA9908-0BB24	11130.-
208-230 V AC 50/60 Hz	3VA9908-0BB25	11130.-	3VA9908-0BB25	11130.-
380-400 V AC 50/60 Hz	3VA9908-0BB26	11130.-	3VA9908-0BB26	11130.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz	3VA9988-0BA22	8380.-	3VA9988-0BA22	8380.-
208-277 V AC 50/60 Hz	3VA9988-0BA23	8380.-	3VA9988-0BA23	8380.-
380-500 V AC 50/60 Hz	3VA9988-0BA24	8380.-	3VA9988-0BA24	8380.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz	3VA9988-0BL32	8380.-	3VA9988-0BL32	8380.-
208-277 V AC 50/60 Hz	3VA9988-0BL33	8380.-	3VA9988-0BL33	8380.-
380-500 V AC 50/60 Hz	3VA9988-0BL20	8380.-	3VA9988-0BL20	8380.-
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)	5135.- 5395.- 8455.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A)	5395.- 8455.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	24035.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	24035.-
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)	14350.- 15780.- 20050.- 26395.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	15780.- 20050.- 26395.-
Castell interlock kit* (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. 3VA10/ 11 (100A/ 160A) 8UC60701YQ.. 3VA12 (250A)	10765.- 10765.-	8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A) 8UC60701YQ.. 3VA23/ 24 (400A/ 630A)	10765.- 10765.-
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)	14350.- 14900.- 16825.-	3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)	15780.- 16825.-
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)	4380.- 5770.- 12460.-	3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)	5770.- 12460.-
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)	48155.- 63025.- 74410.-	3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)	63025.- 74410.-
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)	2160.- 2760.- 2695.- 3575.- 3605.- 4675.-	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)	2910.- 3790.- 3605.- 4675.-
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)	13210.- 17650.-	3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)	13210.- 17650.-
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)	4920.- 6650.- 6290.- 8410.- 10210.- 13615.-	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)	6290.- 8410.- 10210.- 13615.-
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)	935.- 935.- 2210.- 2220.-	3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)	935.- 2210.- 2220.-
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



SETRON 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/ LSI 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

SETRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz ⁵ (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	659070.-	3VA2712-5AB13-0AA0	886450.-
		1600	3VA2716-5AB03-0AA0	912140.-	3VA2716-5AB13-0AA0	1227480.-
	85kA	1250	3VA2712-6AB03-0AA0	724040.-	3VA2712-6AB13-0AA0	974395.-
		1600	3VA2716-6AB03-0AA0	1001460.-	3VA2716-6AB13-0AA0	1349275.-

SETRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSI, Ics = 100% Icu, 415VAC, 50Hz ⁵ (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	713210.-	3VA2712-5AD13-0AA0	939215.-
		1600	3VA2716-5AD03-0AA0	964915.-	3VA2716-5AD13-0AA0	1280245.-
	85kA	1250	3VA2712-6AD03-0AA0	776810.-	3VA2712-6AD13-0AA0	1028525.-
		1600	3VA2716-6AD03-0AA0	1054265.-	3VA2716-6AD13-0AA0	1407455.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	10860.-	1
	Alarm switch (TAS)	3VW9011-0AH14	5360.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	24970.- 24970.-	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	27030.- 27030.- 27030.-	1
	Extended Door Mounted Rotary Operator [^] (Standard - Gray)	3VW9727-0FK21	24035.-	1

⁵ 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



One system. Worldwide application.

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.

For more information, call us on 1800 209 1800 or visit us at www.siemens.com/3VA

For life cycle support for products, systems and solutions, call us at 1800 209 0987 or email us at ics.india@siemens.com

www.siemens.com/3VA

SIEMENS



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

www.siemens.co.in

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	20110.-	3VM1096-2ED42-0AA0	26065.-
		20	3VM1020-2ED32-0AA0	20110.-	3VM1020-2ED42-0AA0	26065.-
		25	3VM1025-2ED32-0AA0	20110.-	3VM1025-2ED42-0AA0	26065.-
		32	3VM1032-2ED32-0AA0	20110.-	3VM1032-2ED42-0AA0	26065.-
		40	3VM1040-2ED32-0AA0	20110.-	3VM1040-2ED42-0AA0	26065.-
		50	3VM1050-2ED32-0AA0	20110.-	3VM1050-2ED42-0AA0	26065.-
		63	3VM1063-2ED32-0AA0	20110.-	3VM1063-2ED42-0AA0	26065.-
		80	3VM1080-2ED32-0AA0	21975.-	3VM1080-2ED42-0AA0	28535.-
		100	3VM1010-2ED32-0AA0	23855.-	3VM1010-2ED42-0AA0	31075.-
3VM10	25kA	16	3VM1096-3ED32-0AA0	20840.-	3VM1096-3ED42-0AA0	27210.-
		20	3VM1020-3ED32-0AA0	20840.-	3VM1020-3ED42-0AA0	27210.-
		25	3VM1025-3ED32-0AA0	20840.-	3VM1025-3ED42-0AA0	27210.-
		32	3VM1032-3ED32-0AA0	20840.-	3VM1032-3ED42-0AA0	27210.-
		40	3VM1040-3ED32-0AA0	20840.-	3VM1040-3ED42-0AA0	27210.-
		50	3VM1050-3ED32-0AA0	20840.-	3VM1050-3ED42-0AA0	27210.-
		63	3VM1063-3ED32-0AA0	20840.-	3VM1063-3ED42-0AA0	27210.-
		80	3VM1080-3ED32-0AA0	22690.-	3VM1080-3ED42-0AA0	29510.-
		100	3VM1010-3ED32-0AA0	24370.-	3VM1010-3ED42-0AA0	31715.-
3VM11		125	3VM1112-3ED32-0AA0	31235.-	3VM1112-3ED42-0AA0	41245.-
		160	3VM1116-3ED32-0AA0	40740.-	3VM1116-3ED42-0AA0	51595.-

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	21990.-	3VM1196-4GD42-0AA0	30440.-
		20	3VM1120-4ED32-0AA0	21990.-	3VM1120-4GD42-0AA0	30440.-
		25	3VM1125-4ED32-0AA0	21990.-	3VM1125-4GD42-0AA0	30440.-
		32	3VM1132-4ED32-0AA0	21990.-	3VM1132-4GD42-0AA0	30440.-
		40	3VM1140-4ED32-0AA0	21990.-	3VM1140-4GD42-0AA0	30440.-
		50	3VM1150-4ED32-0AA0	21990.-	3VM1150-4GD42-0AA0	30440.-
		63	3VM1163-4ED32-0AA0	21990.-	3VM1163-4GD42-0AA0	30440.-
		80	3VM1180-4ED32-0AA0	23100.-	3VM1180-4GD42-0AA0	33385.-
		100	3VM1110-4ED32-0AA0	26800.-	3VM1110-4GD42-0AA0	38585.-
		125	3VM1112-4ED32-0AA0	47045.-	3VM1112-4GD42-0AA0	61165.-
		160	3VM1116-4ED32-0AA0	51970.-	3VM1116-4GD42-0AA0	67585.-
3VM12		200	3VM1220-4ED32-0AA0	55835.-	3VM1220-4GD42-0AA0	69115.-
		250	3VM1225-4ED32-0AA0	74475.-	3VM1225-4GD42-0AA0	87750.-
3VM13		320	3VM1332-4ED32-0AA0	104615.-	3VM1332-4GD42-0AA0	135440.-
		400	3VM1340-4ED32-0AA0	104615.-	3VM1340-4GD42-0AA0	135440.-
3VM14		500	3VM1450-4ED32-0AA0	135025.-	3VM1450-4GD42-0AA0	174910.-
		630	3VM1463-4ED32-0AA0	135025.-	3VM1463-4GD42-0AA0	174910.-

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

AM: Adjustable Magnetic

FM: Fixed Magnetic

Std. Pkg. = 1 unit

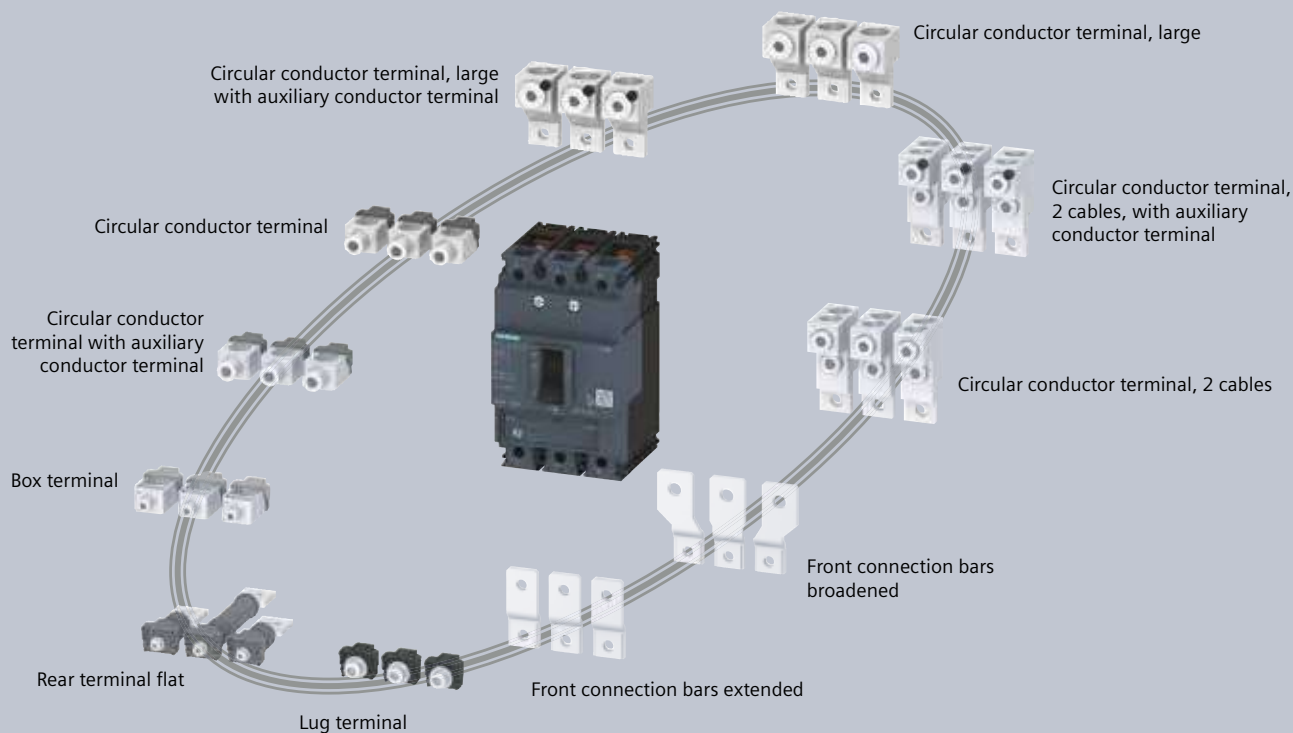
* LP - List Price

® 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	25280.-	3VM1196-5GD42-0AA0	32795.-
		20	3VM1120-5ED32-0AA0	25280.-	3VM1120-5GD42-0AA0	32795.-
		25	3VM1125-5ED32-0AA0	25280.-	3VM1125-5GD42-0AA0	32795.-
		32	3VM1132-5ED32-0AA0	25280.-	3VM1132-5GD42-0AA0	32795.-
		40	3VM1140-5ED32-0AA0	25280.-	3VM1140-5GD42-0AA0	32795.-
		50	3VM1150-5ED32-0AA0	25280.-	3VM1150-5GD42-0AA0	32795.-
		63	3VM1163-5ED32-0AA0	25280.-	3VM1163-5GD42-0AA0	32795.-
		80	3VM1180-5ED32-0AA0	27695.-	3VM1180-5GD42-0AA0	36005.-
		100	3VM1110-5ED32-0AA0	32085.-	3VM1110-5GD42-0AA0	41650.-
		125	3VM1112-5ED32-0AA0	51710.-	3VM1112-5GD42-0AA0	67215.-
		160	3VM1116-5ED32-0AA0	57120.-	3VM1116-5GD42-0AA0	74320.-
3VM12		200	3VM1220-5ED32-0AA0	61790.-	3VM1220-5GD42-0AA0	78295.-
3VM13		250	3VM1225-5ED32-0AA0	80430.-	3VM1225-5GD42-0AA0	96940.-
		320	3VM1332-5ED32-0AA0	119290.-	3VM1332-5GD42-0AA0	149430.-
3VM14		400	3VM1340-5ED32-0AA0	119290.-	3VM1340-5GD42-0AA0	149430.-
		500	3VM1450-5ED32-0AA0	154285.-	3VM1450-5GD42-0AA0	192740.-
	630	3VM1463-5ED32-0AA0	154285.-	3VM1463-5GD42-0AA0	192740.-	

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	24765.-	3VM1196-3GE42-0AA0	37310.-
		20	3VM1120-3EE32-0AA0	24765.-	3VM1120-3GE42-0AA0	37310.-
		25	3VM1125-3EE32-0AA0	24765.-	3VM1125-3GE42-0AA0	37310.-
		32	3VM1132-3EE32-0AA0	24765.-	3VM1132-3GE42-0AA0	37310.-
		40	3VM1140-3EE32-0AA0	24765.-	3VM1140-3GE42-0AA0	37310.-
		50	3VM1150-3EE32-0AA0	24765.-	3VM1150-3GE42-0AA0	37310.-
		63	3VM1163-3EE32-0AA0	24765.-	3VM1163-3GE42-0AA0	37310.-
		80	3VM1180-3EE32-0AA0	24765.-	3VM1180-3GE42-0AA0	37310.-
		100	3VM1110-3EE32-0AA0	24765.-	3VM1110-3GE42-0AA0	37310.-
		125	3VM1112-3EE32-0AA0	31950.-	3VM1112-3GE42-0AA0	43730.-
		160	3VM1116-3EE32-0AA0	43965.-	3VM1116-3GE42-0AA0	55965.-
3VM11	36kA	16	3VM1196-4EE32-0AA0	32030.-	3VM1196-4GE42-0AA0	41910.-
		20	3VM1120-4EE32-0AA0	32030.-	3VM1120-4GE42-0AA0	41910.-
		25	3VM1125-4EE32-0AA0	32030.-	3VM1125-4GE42-0AA0	41910.-
		32	3VM1132-4EE32-0AA0	32030.-	3VM1132-4GE42-0AA0	41910.-
		40	3VM1140-4EE32-0AA0	32030.-	3VM1140-4GE42-0AA0	41910.-
		50	3VM1150-4EE32-0AA0	32030.-	3VM1150-4GE42-0AA0	41910.-
		63	3VM1163-4EE32-0AA0	32030.-	3VM1163-4GE42-0AA0	41910.-
		80	3VM1180-4EE32-0AA0	32030.-	3VM1180-4GE42-0AA0	41910.-
		100	3VM1110-4EE32-0AA0	32030.-	3VM1110-4GE42-0AA0	41910.-
		125	3VM1112-4EE32-0AA0	49290.-	3VM1112-4GE42-0AA0	62765.-
		160	3VM1116-4EE32-0AA0	53400.-	3VM1116-4GE42-0AA0	69330.-
3VM12	36kA	200	3VM1220-4EE32-0AA0	77245.-	3VM1220-4GE42-0AA0	90150.-
250		3VM1225-4EE32-0AA0	77245.-	3VM1225-4GE42-0AA0	90150.-	
3VM13		320	3VM1332-4EE32-0AA0	104615.-	3VM1332-4GE42-0AA0	135440.-
400		3VM1340-4EE32-0AA0	104615.-	3VM1340-4GE42-0AA0	135440.-	
3VM14		500	3VM1450-4EE32-0AA0	135025.-	3VM1450-4GE42-0AA0	174910.-
		630	3VM1463-4EE32-0AA0	135025.-	3VM1463-4GE42-0AA0	174910.-
3VM11	55kA	16	3VM1196-5EE32-0AA0	36490.-	3VM1196-5GE42-0AA0	46105.-
		20	3VM1120-5EE32-0AA0	36490.-	3VM1120-5GE42-0AA0	46105.-
		25	3VM1125-5EE32-0AA0	36490.-	3VM1125-5GE42-0AA0	46105.-
		32	3VM1132-5EE32-0AA0	36490.-	3VM1132-5GE42-0AA0	46105.-
		40	3VM1140-5EE32-0AA0	36490.-	3VM1140-5GE42-0AA0	46105.-
		50	3VM1150-5EE32-0AA0	36490.-	3VM1150-5GE42-0AA0	46105.-
		63	3VM1163-5EE32-0AA0	36490.-	3VM1163-5GE42-0AA0	46105.-
		80	3VM1180-5EE32-0AA0	36490.-	3VM1180-5GE42-0AA0	46105.-
		100	3VM1110-5EE32-0AA0	36490.-	3VM1110-5GE42-0AA0	46105.-
		125	3VM1112-5EE32-0AA0	57285.-	3VM1112-5GE42-0AA0	68810.-
		160	3VM1116-5EE32-0AA0	58730.-	3VM1116-5GE42-0AA0	75790.-
3VM12		200	3VM1220-5EE32-0AA0	83010.-	3VM1220-5GE42-0AA0	99045.-
3VM13		250	3VM1225-5EE32-0AA0	83010.-	3VM1225-5GE42-0AA0	99045.-
		320	3VM1332-5EE32-0AA0	119290.-	3VM1332-5GE42-0AA0	149430.-
3VM14		400	3VM1340-5EE32-0AA0	119290.-	3VM1340-5GE42-0AA0	149430.-
		500	3VM1450-5EE32-0AA0	154285.-	3VM1450-5GE42-0AA0	192740.-
		630	3VM1463-5EE32-0AA0	154285.-	3VM1463-5GE42-0AA0	192740.-

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	31780.-
	12.5 ¹⁾	3VM1192-5MG32-0AA0	31780.-
	20	3VM1120-5MH32-0AA0	31780.-
	32	3VM1132-5MH32-0AA0	37980.-
	40	3VM1140-5MH32-0AA0	37980.-
	50	3VM1150-5MH32-0AA0	37980.-
	63	3VM1163-5MH32-0AA0	37980.-
	80	3VM1180-5MH32-0AA0	37980.-
	100	3VM1110-5MH32-0AA0	37980.-
	125	3VM1112-5MH32-0AA0	56520.-
3VM12	160	3VM1216-5MH32-0AA0	56520.-
	200	3VM1220-5MH32-0AA0	85740.-
3VM13	250	3VM1325-5MH32-0AA0	93660.-
	320	3VM1332-5MH32-0AA0	128515.-
3VM14	400	3VM1440-5MH32-0AA0	147110.-
	500	3VM1450-5MH32-0AA0	169350.-



Please refer recommended Type-2 coordination chart.

SENTRON 3VM, Switch Disconnecter (without protection)

Frame Size	Rated Current In (A)	3pole Type	Unit LP* ₹	4pole Type	Unit LP* ₹
3VM11	63	3VM1163-1AA32-0AA0	23725.-	3VM1163-1AA42-0AA0	35040.-
	100	3VM1110-1AA32-0AA0	23725.-	3VM1110-1AA42-0AA0	35040.-
	125	3VM1112-1AA32-0AA0	34600.-	3VM1112-1AA42-0AA0	43550.-
	160	3VM1116-1AA32-0AA0	34600.-	3VM1116-1AA42-0AA0	43550.-
3VM12	250	3VM1225-1AA32-0AA0	57585.-	3VM1225-1AA42-0AA0	76805.-
3VM13	400	3VM1340-1AA32-0AA0	76855.-	3VM1340-1AA42-0AA0	99940.-

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.

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	9255.-	3VM1196-3ED22-0AA0	16595.-
		20	3VM1120-3ED12-0AA0	9255.-	3VM1120-3ED22-0AA0	16595.-
		25	3VM1125-3ED12-0AA0	9255.-	3VM1125-3ED22-0AA0	16595.-
		32	3VM1132-3ED12-0AA0	9255.-	3VM1132-3ED22-0AA0	16595.-
		40	3VM1140-3ED12-0AA0	9255.-	3VM1140-3ED22-0AA0	16595.-
		50	3VM1150-3ED12-0AA0	9255.-	3VM1150-3ED22-0AA0	16595.-
		63	3VM1163-3ED12-0AA0	9255.-	3VM1163-3ED22-0AA0	16595.-
		80	3VM1180-3ED12-0AA0	10175.-	3VM1180-3ED22-0AA0	18175.-
		100	3VM1110-3ED12-0AA0	11740.-	3VM1110-3ED22-0AA0	21295.-
		125	3VM1112-3ED12-0AA0	18965.-	3VM1112-3ED22-0AA0	34455.-
		160	3VM1116-3ED12-0AA0	22100.-	3VM1116-3ED22-0AA0	39800.-
3VM11	36kA ¹⁾	16	3VM1196-4ED12-0AA0	10010.-	3VM1196-4ED22-0AA0	18175.-
		20	3VM1120-4ED12-0AA0	10010.-	3VM1120-4ED22-0AA0	18175.-
		25	3VM1125-4ED12-0AA0	10010.-	3VM1125-4ED22-0AA0	18175.-
		32	3VM1132-4ED12-0AA0	10010.-	3VM1132-4ED22-0AA0	18175.-
		40	3VM1140-4ED12-0AA0	10010.-	3VM1140-4ED22-0AA0	18175.-
		50	3VM1150-4ED12-0AA0	10010.-	3VM1150-4ED22-0AA0	18175.-
		63	3VM1163-4ED12-0AA0	10010.-	3VM1163-4ED22-0AA0	18175.-
		80	3VM1180-4ED12-0AA0	11120.-	3VM1180-4ED22-0AA0	20070.-
		100	3VM1110-4ED12-0AA0	11980.-	3VM1110-4ED22-0AA0	23180.-
		125	3VM1112-4ED12-0AA0	20560.-	3VM1112-4ED22-0AA0	36955.-
		160	3VM1116-4ED12-0AA0	23960.-	3VM1116-4ED22-0AA0	43230.-

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	9755.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910	3365.-
	4P	7UG09911	3840.-
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912	4065.-
	4P	7UG09913	4790.-
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914	5995.-
	4P	7UG09915	6490.-

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	9440.-
	230VAC	7UG0842-1CD20	9535.-
CBCT for ELR	35 mm dia	7UG0996	3430.-
	70 mm dia	7UG0997	3925.-
	120 mm dia	7UG0999	6690.-
	210 mm dia	7UG0994	12860.-
	310 mm dia	7UG0995	19170.-

Note: Order 1 no of shunt trip release for MCCB separately 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)	3685.-
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	3685.-
Undervoltage releases		
3VM9908-0BB11	UVR 24V DC	8210.-
3VM9908-0BB12	UVR 48V DC	8210.-
3VM9908-0BB23	UVR 110 V AC 50/60HZ	8210.-
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	8210.-
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	8210.-
Shunt release (Left)		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	6655.-
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	6655.-
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	6655.-
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	6655.-
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	6655.-

External Accessories:

MLFB	Description	Unit LP*₹
Rotary Handles ¹⁾		
3VM9117-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	4145.-
3VM9217-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	5230.-
3VM9417-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	5905.-
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	5255.-
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	6900.-
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	7615.-
Spreaders (incl. Phase barriers)		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	2170.-
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	2780.-
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	2710.-
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	3605.-
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	3635.-
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	4720.-
Extended terminals (incl. Phase barriers)		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	1830.-
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	2440.-
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	2460.-
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	3205.-
Phase barriers		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	1550.-
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	2155.-
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	2155.-
Locking device for breaker with Toggle lever		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	4085.-
3VM9388-0LB10	Locking device for: 3VM13/ 14	5390.-
Interlocking (for MCCBs with 8UC handles)		
8UC60701YQ.. #	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	10765.-



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 3VJ2 moulded case circuit breakers

Microprocessor Based Trip Unit



Compact
Efficient design



Versatile
For various
applications



Reliable
Siemens trusted
quality



Operational
efficiency
Reduced
downtime

NEW



Product highlights

Range

Current rating from
160A to 630A

Ics = Icu =
55kA

Enhanced protection

Microprocessor trip units

L : Overload protection

S : Short time delayed short circuit protection

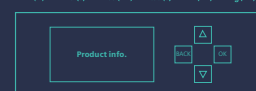
I : Instantaneous short circuit protection

G : Ground fault protection



Enhanced
protection

Microprocessor Based trip units



Color coded
knob switches
&
Display options

**3P, 4P
LSI, LSIG**

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

THE POWER OF **SIMPLICITY**

SINOPLUS 3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit



Compact
Efficient 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	5045.-	3VJ1096-0DA32-0AA0	6265.-	3VJ1096-0EA42-0AA0	8975.-
		20	3VJ1002-0DA22-0AA0	5045.-	3VJ1002-0DA32-0AA0	6265.-	3VJ1002-0EA42-0AA0	8975.-
		25	3VJ1092-0DA22-0AA0	5045.-	3VJ1092-0DA32-0AA0	6265.-	3VJ1092-0EA42-0AA0	8975.-
		32	3VJ1003-0DA22-0AA0	5045.-	3VJ1003-0DA32-0AA0	6265.-	3VJ1003-0EA42-0AA0	8975.-
		40	3VJ1004-0DA22-0AA0	5045.-	3VJ1004-0DA32-0AA0	6265.-	3VJ1004-0EA42-0AA0	8975.-
		50	3VJ1005-0DA22-0AA0	5045.-	3VJ1005-0DA32-0AA0	6265.-	3VJ1005-0EA42-0AA0	8975.-
		63	3VJ1006-0DA22-0AA0	5045.-	3VJ1006-0DA32-0AA0	6265.-	3VJ1006-0EA42-0AA0	8975.-
		80	3VJ1008-0DA22-0AA0	5045.-	3VJ1008-0DA32-0AA0	6265.-	3VJ1008-0EA42-0AA0	8975.-
		100	3VJ1010-0DA22-0AA0	5045.-	3VJ1010-0DA32-0AA0	6265.-	3VJ1010-0EA42-0AA0	8975.-
		125	3VJ1012-0DA22-0AA0	7800.-	3VJ1012-0DA32-0AA0	9395.-	3VJ1012-0EA42-0AA0	13460.-
	18kA	16	3VJ1096-1DA22-0AA0	6980.-	3VJ1096-1DA32-0AA0	10075.-	3VJ1096-1EA42-0AA0	12920.-
		20	3VJ1002-1DA22-0AA0	6980.-	3VJ1002-1DA32-0AA0	10075.-	3VJ1002-1EA42-0AA0	12920.-
		25	3VJ1092-1DA22-0AA0	6980.-	3VJ1092-1DA32-0AA0	10075.-	3VJ1092-1EA42-0AA0	12920.-
		32	3VJ1003-1DA22-0AA0	6980.-	3VJ1003-1DA32-0AA0	10075.-	3VJ1003-1EA42-0AA0	12920.-
		40	3VJ1004-1DA22-0AA0	6980.-	3VJ1004-1DA32-0AA0	10075.-	3VJ1004-1EA42-0AA0	12920.-
		50	3VJ1005-1DA22-0AA0	6980.-	3VJ1005-1DA32-0AA0	10075.-	3VJ1005-1EA42-0AA0	12920.-
		63	3VJ1006-1DA22-0AA0	6980.-	3VJ1006-1DA32-0AA0	10075.-	3VJ1006-1EA42-0AA0	12920.-
		80	3VJ1008-1DA22-0AA0	6980.-	3VJ1008-1DA32-0AA0	10075.-	3VJ1008-1EA42-0AA0	12920.-
		100	3VJ1010-1DA22-0AA0	6980.-	3VJ1010-1DA32-0AA0	10075.-	3VJ1010-1EA42-0AA0	12920.-
		125	3VJ1012-1DA22-0AA0	8070.-	3VJ1012-1DA32-0AA0	11550.-	3VJ1012-1EA42-0AA0	15025.-
	25kA	16	3VJ1096-3DA22-0AA0	8375.-	3VJ1096-3DA32-0AA0	10980.-	3VJ1096-3EA42-0AA0	14570.-
		20	3VJ1002-3DA22-0AA0	8375.-	3VJ1002-3DA32-0AA0	10980.-	3VJ1002-3EA42-0AA0	14570.-
		25	3VJ1092-3DA22-0AA0	8375.-	3VJ1092-3DA32-0AA0	10980.-	3VJ1092-3EA42-0AA0	14570.-
		32	3VJ1003-3DA22-0AA0	8375.-	3VJ1003-3DA32-0AA0	10980.-	3VJ1003-3EA42-0AA0	14570.-
		40	3VJ1004-3DA22-0AA0	8375.-	3VJ1004-3DA32-0AA0	10980.-	3VJ1004-3EA42-0AA0	14570.-
		50	3VJ1005-3DA22-0AA0	8375.-	3VJ1005-3DA32-0AA0	10980.-	3VJ1005-3EA42-0AA0	14570.-
		63	3VJ1006-3DA22-0AA0	8375.-	3VJ1006-3DA32-0AA0	10980.-	3VJ1006-3EA42-0AA0	14570.-
		80	3VJ1008-3DA22-0AA0	8375.-	3VJ1008-3DA32-0AA0	10980.-	3VJ1008-3EA42-0AA0	14570.-
		100	3VJ1010-3DA22-0AA0	8375.-	3VJ1010-3DA32-0AA0	10980.-	3VJ1010-3EA42-0AA0	14570.-
		125	3VJ1012-3DA22-0AA0	8375.-	3VJ1012-3DA32-0AA0	12550.-	3VJ1012-3EA42-0AA0	16015.-

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.



3VJ 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	17005.-	3VJ1216-3DA32-0AA0	19715.-	3VJ1216-3EA42-0AA0	25930.-	
		200	3VJ1220-3DA22-0AA0	17200.-	3VJ1220-3DA32-0AA0	20020.-	3VJ1220-3EA42-0AA0	28475.-	
		250	3VJ1225-3DA22-0AA0	17375.-	3VJ1225-3DA32-0AA0	22530.-	3VJ1225-3EA42-0AA0	29665.-	
3VJ13 (VJ1 400)		320	–	–	3VJ1332-3DA32-0AA0	44630.-	3VJ1332-3EA42-0AA0	57480.-	
400		–	–	3VJ1340-3DA32-0AA0	44630.-	3VJ1340-3EA42-0AA0	57480.-		
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	12890.-	3VJ1196-5DA32-0AA0	15330.-	3VJ1196-5EA42-0AA0	20245.-	
		20	3VJ1102-5DA22-0AA0	12890.-	3VJ1102-5DA32-0AA0	15330.-	3VJ1102-5EA42-0AA0	20245.-	
		25	3VJ1192-5DA22-0AA0	12890.-	3VJ1192-5DA32-0AA0	15330.-	3VJ1192-5EA42-0AA0	20245.-	
		32	3VJ1103-5DA22-0AA0	12890.-	3VJ1103-5DA32-0AA0	15330.-	3VJ1103-5EA42-0AA0	20245.-	
		40	3VJ1104-5DA22-0AA0	12890.-	3VJ1104-5DA32-0AA0	15330.-	3VJ1104-5EA42-0AA0	20245.-	
		50	3VJ1105-5DA22-0AA0	12890.-	3VJ1105-5DA32-0AA0	15330.-	3VJ1105-5EA42-0AA0	20245.-	
		63	3VJ1106-5DA22-0AA0	12890.-	3VJ1106-5DA32-0AA0	15330.-	3VJ1106-5EA42-0AA0	20245.-	
		80	3VJ1108-5DA22-0AA0	12890.-	3VJ1108-5DA32-0AA0	15780.-	3VJ1108-5EA42-0AA0	20875.-	
		100	3VJ1110-5DA22-0AA0	12890.-	3VJ1110-5DA32-0AA0	15780.-	3VJ1110-5EA42-0AA0	20875.-	
		125	3VJ1112-5DA22-0AA0	12890.-	3VJ1112-5DA32-0AA0	17360.-	3VJ1112-5EA42-0AA0	22685.-	
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	17935.-	3VJ1216-5DA32-0AA0	22075.-	3VJ1216-5EA42-0AA0	26850.-	
		200	3VJ1220-5DA22-0AA0	18895.-	3VJ1220-5DA32-0AA0	27220.-	3VJ1220-5EA42-0AA0	35130.-	
		250	3VJ1225-5DA22-0AA0	21325.-	3VJ1225-5DA32-0AA0	31285.-	3VJ1225-5EA42-0AA0	40260.-	
3VJ13 (VJ1 400)		320	–	–	3VJ1332-5DA32-0AA0	45745.-	3VJ1332-5EA42-0AA0	58595.-	
		400	–	–	3VJ1340-5DA32-0AA0	45745.-	3VJ1340-5EA42-0AA0	58595.-	
3VJ14 (VJ1 630)		500	–	–	3VJ1450-5DA32-0AA0	68620.-	3VJ1450-5EA42-0AA0	87900.-	
		630	–	–	3VJ1463-5DA32-0AA0	68620.-	3VJ1463-5EA42-0AA0	87900.-	
3VJ11 (VJ1 125)		55kA	16	3VJ1196-7DA22-0AA0	13560.-	3VJ1196-7DA32-0AA0	19610.-	3VJ1196-7EA42-0AA0	25870.-
			20	3VJ1102-7DA22-0AA0	13560.-	3VJ1102-7DA32-0AA0	19610.-	3VJ1102-7EA42-0AA0	25870.-
			25	3VJ1192-7DA22-0AA0	13560.-	3VJ1192-7DA32-0AA0	19610.-	3VJ1192-7EA42-0AA0	25870.-
	32		3VJ1103-7DA22-0AA0	13560.-	3VJ1103-7DA32-0AA0	19610.-	3VJ1103-7EA42-0AA0	25870.-	
	40		3VJ1104-7DA22-0AA0	13560.-	3VJ1104-7DA32-0AA0	19610.-	3VJ1104-7EA42-0AA0	25870.-	
	50		3VJ1105-7DA22-0AA0	13560.-	3VJ1105-7DA32-0AA0	19610.-	3VJ1105-7EA42-0AA0	25870.-	
	63		3VJ1106-7DA22-0AA0	13560.-	3VJ1106-7DA32-0AA0	19610.-	3VJ1106-7EA42-0AA0	25870.-	
	80		3VJ1108-7DA22-0AA0	13560.-	3VJ1108-7DA32-0AA0	19610.-	3VJ1108-7EA42-0AA0	25870.-	
	100		3VJ1110-7DA22-0AA0	13560.-	3VJ1110-7DA32-0AA0	19610.-	3VJ1110-7EA42-0AA0	25870.-	
	125		3VJ1112-7DA22-0AA0	13560.-	3VJ1112-7DA32-0AA0	21575.-	3VJ1112-7EA42-0AA0	28450.-	
3VJ12 (VJ1 250)	160		3VJ1216-7DA22-0AA0	19440.-	3VJ1216-7DA32-0AA0	27310.-	3VJ1216-7EA42-0AA0	36070.-	
	200		3VJ1220-7DA22-0AA0	19830.-	3VJ1220-7DA32-0AA0	31400.-	3VJ1220-7EA42-0AA0	41465.-	
	250		3VJ1225-7DA22-0AA0	21715.-	3VJ1225-7DA32-0AA0	36110.-	3VJ1225-7EA42-0AA0	47695.-	
3VJ13 (VJ1 400)	320		–	–	3VJ1332-7DA32-0AA0	46865.-	3VJ1332-7EA42-0AA0	60275.-	
	400		–	–	3VJ1340-7DA32-0AA0	46865.-	3VJ1340-7EA42-0AA0	60275.-	
3VJ14 (VJ1 630)	500		–	–	3VJ1450-7DA32-0AA0	70295.-	3VJ1450-7EA42-0AA0	90395.-	
	630		–	–	3VJ1463-7DA32-0AA0	70295.-	3VJ1463-7EA42-0AA0	90395.-	

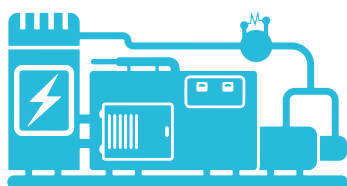
Notes:

Phase barriers are included in the standard MCCB packing

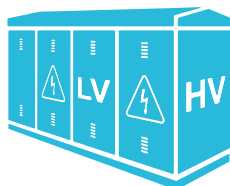
^2P in 3P Frame Size

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	7980.-	3VJ1096-0EB42-0AA0	10775.-
		20	3VJ1002-0DB32-0AA0	7980.-	3VJ1002-0EB42-0AA0	10775.-
		25	3VJ1092-0DB32-0AA0	7980.-	3VJ1092-0EB42-0AA0	10775.-
		32	3VJ1003-0DB32-0AA0	7980.-	3VJ1003-0EB42-0AA0	10775.-
		40	3VJ1004-0DB32-0AA0	7980.-	3VJ1004-0EB42-0AA0	10775.-
		50	3VJ1005-0DB32-0AA0	7980.-	3VJ1005-0EB42-0AA0	10775.-
		63	3VJ1006-0DB32-0AA0	7980.-	3VJ1006-0EB42-0AA0	10775.-
		80	3VJ1008-0DB32-0AA0	7980.-	3VJ1008-0EB42-0AA0	10775.-
		100	3VJ1010-0DB32-0AA0	7980.-	3VJ1010-0EB42-0AA0	10775.-
		125	3VJ1012-0DB32-0AA0	11480.-	3VJ1012-0EB42-0AA0	16200.-
	18kA	16	3VJ1096-1DB32-0AA0	12065.-	3VJ1096-1EB42-0AA0	15485.-
		20	3VJ1002-1DB32-0AA0	12065.-	3VJ1002-1EB42-0AA0	15485.-
		25	3VJ1092-1DB32-0AA0	12065.-	3VJ1092-1EB42-0AA0	15485.-
		32	3VJ1003-1DB32-0AA0	12065.-	3VJ1003-1EB42-0AA0	15485.-
		40	3VJ1004-1DB32-0AA0	12065.-	3VJ1004-1EB42-0AA0	15485.-
		50	3VJ1005-1DB32-0AA0	12065.-	3VJ1005-1EB42-0AA0	15485.-
		63	3VJ1006-1DB32-0AA0	12065.-	3VJ1006-1EB42-0AA0	15485.-
		80	3VJ1008-1DB32-0AA0	12065.-	3VJ1008-1EB42-0AA0	15485.-
		100	3VJ1010-1DB32-0AA0	12065.-	3VJ1010-1EB42-0AA0	15485.-
		125	3VJ1012-1DB32-0AA0	13830.-	3VJ1012-1EB42-0AA0	18010.-
	25kA	16	3VJ1096-3DB32-0AA0	13860.-	3VJ1096-3EB42-0AA0	18385.-
		20	3VJ1002-3DB32-0AA0	13860.-	3VJ1002-3EB42-0AA0	18385.-
		25	3VJ1092-3DB32-0AA0	13860.-	3VJ1092-3EB42-0AA0	18385.-
		32	3VJ1003-3DB32-0AA0	13860.-	3VJ1003-3EB42-0AA0	18385.-
		40	3VJ1004-3DB32-0AA0	13860.-	3VJ1004-3EB42-0AA0	18385.-
		50	3VJ1005-3DB32-0AA0	13860.-	3VJ1005-3EB42-0AA0	18385.-
		63	3VJ1006-3DB32-0AA0	13860.-	3VJ1006-3EB42-0AA0	18385.-
		80	3VJ1008-3DB32-0AA0	13860.-	3VJ1008-3EB42-0AA0	18385.-
		100	3VJ1010-3DB32-0AA0	13860.-	3VJ1010-3EB42-0AA0	18385.-
		125	3VJ1012-3DB32-0AA0	15810.-	3VJ1012-3EB42-0AA0	20210.-

Notes:

Phase barriers are included in the standard MCCB packing

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



3VJ 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	22225.-	3VJ1216-3EB42-0AA0	27060.-	
		200	3VJ1220-3DB32-0AA0	24005.-	3VJ1220-3EB42-0AA0	30210.-	
		250	3VJ1225-3DB32-0AA0	27010.-	3VJ1225-3EB42-0AA0	35575.-	
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	50550.-	3VJ1332-3EB42-0AA0	65100.-	
400		3VJ1340-3DB32-0AA0	50550.-	3VJ1340-3EB42-0AA0	65100.-		
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	18385.-	3VJ1196-5EB42-0AA0	24275.-	
		20	3VJ1102-5DB32-0AA0	18385.-	3VJ1102-5EB42-0AA0	24275.-	
		25	3VJ1192-5DB32-0AA0	18385.-	3VJ1192-5EB42-0AA0	24275.-	
		32	3VJ1103-5DB32-0AA0	18385.-	3VJ1103-5EB42-0AA0	24275.-	
		40	3VJ1104-5DB32-0AA0	18385.-	3VJ1104-5EB42-0AA0	24275.-	
		50	3VJ1105-5DB32-0AA0	18385.-	3VJ1105-5EB42-0AA0	24275.-	
		63	3VJ1106-5DB32-0AA0	18385.-	3VJ1106-5EB42-0AA0	24275.-	
		80	3VJ1108-5DB32-0AA0	18385.-	3VJ1108-5EB42-0AA0	24275.-	
		100	3VJ1110-5DB32-0AA0	18385.-	3VJ1110-5EB42-0AA0	24275.-	
		125	3VJ1112-5DB32-0AA0	20820.-	3VJ1112-5EB42-0AA0	26395.-	
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	25210.-	3VJ1216-5EB42-0AA0	30660.-	
		200	3VJ1220-5DB32-0AA0	32640.-	3VJ1220-5EB42-0AA0	42125.-	
		250	3VJ1225-5DB32-0AA0	37525.-	3VJ1225-5EB42-0AA0	48280.-	
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	51810.-	3VJ1332-5EB42-0AA0	66360.-	
400		3VJ1340-5DB32-0AA0	51810.-	3VJ1340-5EB42-0AA0	66360.-		
3VJ14 (VJ1 630)		500	3VJ1450-5DB32-0AA0	77725.-	3VJ1450-5EB42-0AA0	99545.-	
630		3VJ1463-5DB32-0AA0	77725.-	3VJ1463-5EB42-0AA0	99545.-		
3VJ11 (VJ1 125)		55kA	16	3VJ1196-7DB32-0AA0	22205.-	3VJ1196-7EB42-0AA0	29290.-
			20	3VJ1102-7DB32-0AA0	22205.-	3VJ1102-7EB42-0AA0	29290.-
			25	3VJ1192-7DB32-0AA0	22205.-	3VJ1192-7EB42-0AA0	29290.-
			32	3VJ1103-7DB32-0AA0	22205.-	3VJ1103-7EB42-0AA0	29290.-
			40	3VJ1104-7DB32-0AA0	22205.-	3VJ1104-7EB42-0AA0	29290.-
			50	3VJ1105-7DB32-0AA0	22205.-	3VJ1105-7EB42-0AA0	29290.-
			63	3VJ1106-7DB32-0AA0	22205.-	3VJ1106-7EB42-0AA0	29290.-
			80	3VJ1108-7DB32-0AA0	22205.-	3VJ1108-7EB42-0AA0	29290.-
			100	3VJ1110-7DB32-0AA0	22205.-	3VJ1110-7EB42-0AA0	29290.-
			125	3VJ1112-7DB32-0AA0	24430.-	3VJ1112-7EB42-0AA0	32225.-
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	29230.-	3VJ1216-7EB42-0AA0	38615.-	
		200	3VJ1220-7DB32-0AA0	33625.-	3VJ1220-7EB42-0AA0	44390.-	
		250	3VJ1225-7DB32-0AA0	38640.-	3VJ1225-7EB42-0AA0	51055.-	
3VJ13 (VJ1 400)		320	3VJ1332-7DB32-0AA0	53075.-	3VJ1332-7EB42-0AA0	68270.-	
400		3VJ1340-7DB32-0AA0	53075.-	3VJ1340-7EB42-0AA0	68270.-		
3VJ14 (VJ1 630)		500	3VJ1450-7DB32-0AA0	79625.-	3VJ1450-7EB42-0AA0	102390.-	
630		3VJ1463-7DB32-0AA0	79625.-	3VJ1463-7EB42-0AA0	102390.-		

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	9755.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P 4P	7UG09910 3365.- 7UG09911 3840.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P 4P	7UG09911 3840.- 7UG09911 3840.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P 4P	7UG09912 4065.- 7UG09913 4790.-
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915 6490.-

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

Earth Leakage Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth leakage relay	110VAC	7UG0841-1CB20 9440.-
1Ph-2W, 3Ph-3W, 3Ph-4W	230VAC	7UG0842-1CD20 9535.-
CBCT for ELR	35 mm dia	7UG0996 3430.-
	70 mm dia	7UG0997 3925.-
	120 mm dia	7UG0999 6690.-
	210 mm dia	7UG0994 12860.-
	310 mm dia	7UG0995 19170.-

3VJ Internal accessories

Frame Size	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* ₹
Accessory									
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	2875.-	3VJ9218-0AN11	2965.-	3VJ9218-0AN11	2965.-	3VJ9417-0AN11	3215.-
	Right	–	–	3VJ9218-0AN21	2965.-	3VJ9218-0AN21	2965.-	3VJ9417-0AN21	3215.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	2875.-	3VJ9118-0AA11	2875.-	3VJ9218-0AA11	2965.-	3VJ9417-0AA11	3215.-
	Right	–	–	3VJ9118-0AA21	2875.-	3VJ9218-0AA21	2965.-	3VJ9417-0AA21	3215.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	4650.-	3VJ9118-0AD11	4650.-	3VJ9218-0AD11	4880.-	3VJ9417-0AD11	5545.-
	Right	–	–	3VJ9118-0AD21	4650.-	3VJ9218-0AD21	4880.-	3VJ9417-0AD21	5545.-
Shunt Trip (Right) (ST)	24V DC	–	–	3VJ9218-0ST11	5915.-	3VJ9218-0ST11	5915.-	–	–
	24V AC/DC	–	–	–	–	–	–	3VJ9417-0ST21	6655.-
	48V DC	–	–	3VJ9218-0ST12	5915.-	3VJ9218-0ST12	5915.-	–	–
	48V AC/DC	–	–	–	–	–	–	3VJ9417-0ST22	6655.-
	110V DC	3VJ9018-0ST15	4310.-	3VJ9218-0ST15	5915.-	3VJ9218-0ST15	5915.-	–	–
	110V AC/DC	–	–	–	–	–	–	3VJ9417-0ST25	6655.-
	110V AC	3VJ9018-0ST35	4310.-	3VJ9218-0ST35	6145.-	3VJ9218-0ST35	6145.-	–	–
	220V AC	3VJ9018-0ST36	4670.-	3VJ9218-0ST36	6350.-	3VJ9218-0ST36	6350.-	3VJ9417-0ST36	7320.-
Undervoltage Release (Left) (UVR)	415V AC	3VJ9018-0ST37	4670.-	3VJ9218-0ST37	6350.-	3VJ9218-0ST37	6350.-	3VJ9417-0ST37	7320.-
	24V DC	–	–	3VJ9218-0UV11	8480.-	3VJ9218-0UV11	8480.-	–	–
	48V DC	–	–	3VJ9218-0UV12	8480.-	3VJ9218-0UV12	8480.-	–	–
	220V AC	–	–	3VJ9218-0UV36	8905.-	3VJ9218-0UV36	8905.-	3VJ9417-0UV36	22190.-
	415V AC	–	–	3VJ9218-0UV37	9530.-	3VJ9218-0UV37	9530.-	3VJ9417-0UV37	22190.-

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

3VJ External accessories

Frame Size	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* ₹
Accessory											
Extended Door Mounted Rotary Operator (including 8UC handle)@	–	3VJ9018-0HD11	4240.-	3VJ9118-0HD11	4565.-	3VJ9218-0HD11	5340.-	3VJ9417-0HD11	7055.-	3VJ9417-0HD11	7055.-
Spreader Links^	2P	3VJ9012-0ED00	385.-	3VJ9112-0ED00	420.-	3VJ9212-0ED00	1280.-	–	–	–	–
	3P	3VJ9013-0ED00	650.-	3VJ9113-0ED00	680.-	3VJ9213-0ED00	2065.-	3VJ9313-0ED00	3605.-	3VJ9413-0ED00	4525.-
	4P	3VJ9014-0ED00	840.-	3VJ9114-0ED00	875.-	3VJ9214-0ED00	2695.-	3VJ9314-0ED00	5075.-	3VJ9414-0ED00	6390.-
Phase Barriers#		3VJ9018-0CA00	300.-	3VJ9218-0CA00	470.-	3VJ9218-0CA00	470.-	3VJ9417-0CA00	535.-	3VJ9417-0CA00	535.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	685.-	3VJ9116-0CJ30	815.-	3VJ9216-0CJ30	1170.-	3VJ9413-0CJ30	1525.-	3VJ9413-0CJ30	1525.-
	4P	3VJ9014-0CJ40	960.-	3VJ9114-0CJ40	1040.-	3VJ9214-0CJ40	1370.-	3VJ9414-0CJ40	1880.-	3VJ9414-0CJ40	1880.-
Toggle handle extension	–	–	–	–	–	–	–	3VJ9417-0DH10	1205.-	3VJ9417-0DH10	1205.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	–	8UC60701YQ..	10765.-	8UC60701YQ..	10765.-	8UC60701YQ..	10765.-	8UC60702YQ..	11050.-	8UC60702YQ..	11050.-
SS Enclosures	2P/3P	3VJ9016-0DE11	4795.-	3VJ9116-0DE11	4795.-	3VJ9216-0DE12	10505.-	–	–	–	–
	4P	3VJ9014-0DE11	4795.-	3VJ9114-0DE11	4795.-	3VJ9214-0DE12	10505.-	–	–	–	–
Padlock on MCCB Dolly/ Knob	–	–	–	3VJ9118-0LM10	1920.-	3VJ9218-0LM10	1920.-	3VJ9317-0LM10	4650.-	3VJ9317-0LM10	4650.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	–	–	3VJ9116-0VM10	5245.-	3VJ9216-0VM10	10225.-	3VJ9313-0VM10	19925.-	3VJ9313-0VM10	19925.-
	4P	–	–	3VJ9114-0VM10	5465.-	3VJ9214-0VM10	12065.-	3VJ9314-0VM10	26660.-	3VJ9314-0VM10	26660.-

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



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
- Conforms to IEC 60947-6-1
- Plug-in DI/DO expansion modules for additional functionality
- Easy parameterization through Powerconfig
- Ingress protection up to IP65

www.siemens.com/switching-devices

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	245850.-	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}

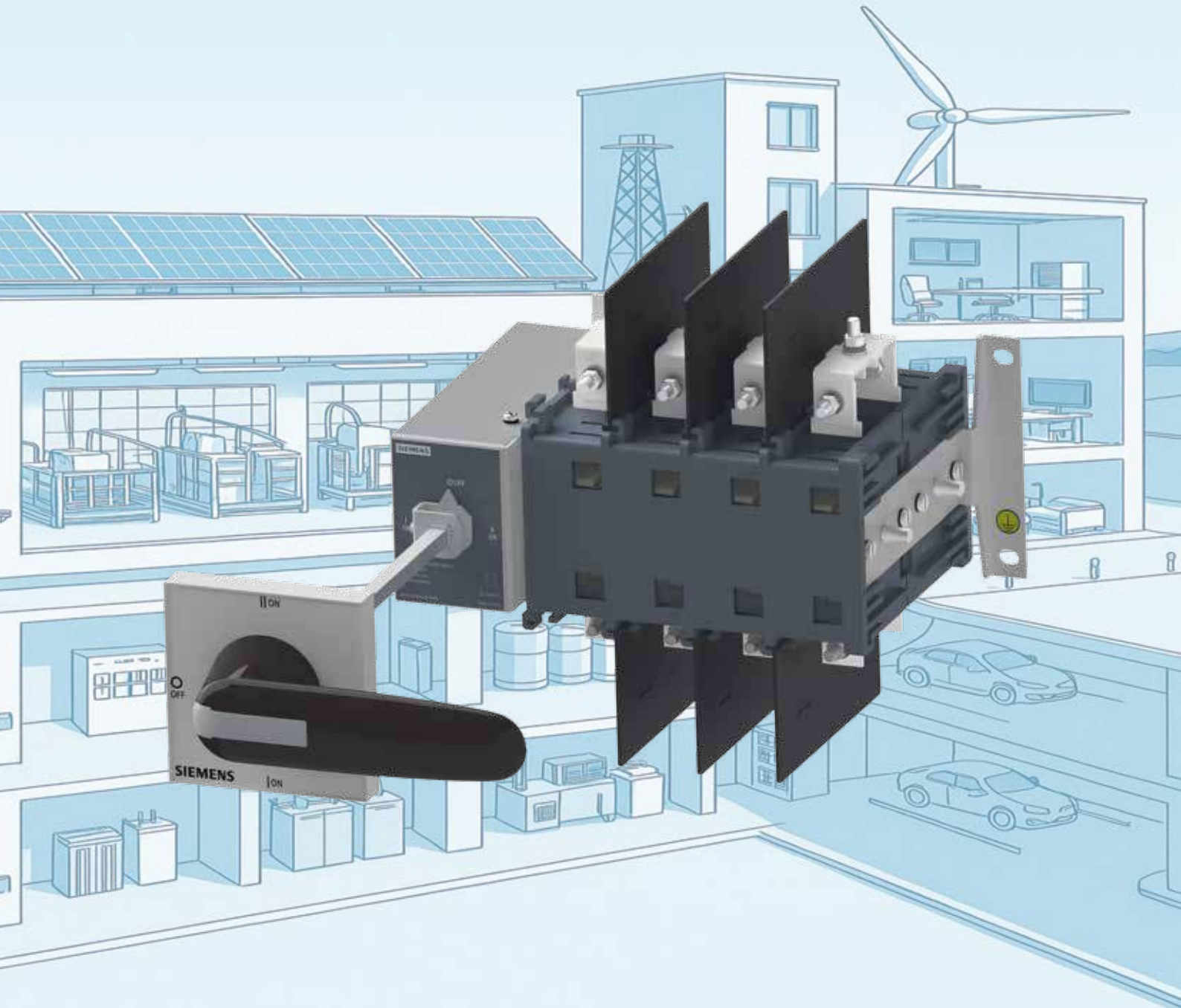


3VA



3KC





THE POWER OF **SIMPLICITY**

SINOPLUS 3KJ On Load Changeover Switches

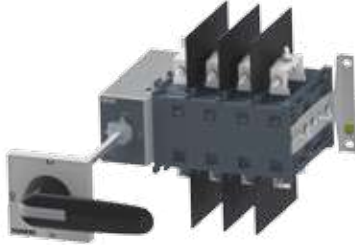
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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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
								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
								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							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
								1
Spare Extended link				1000A 3KJ9012-4LA00	POR			1
				1250A 3KJ9012-4LB00				1
				1600A 3KJ9012-4LC00				1
								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	POR	1
						2500A 3KJ9002-5BM10		1
						3150A 3KJ9002-5BN10 3KJ9002-5BN20		1
								1

Notes:

1) Accessory - Auxiliary switch includes 2units. One each for position I and II

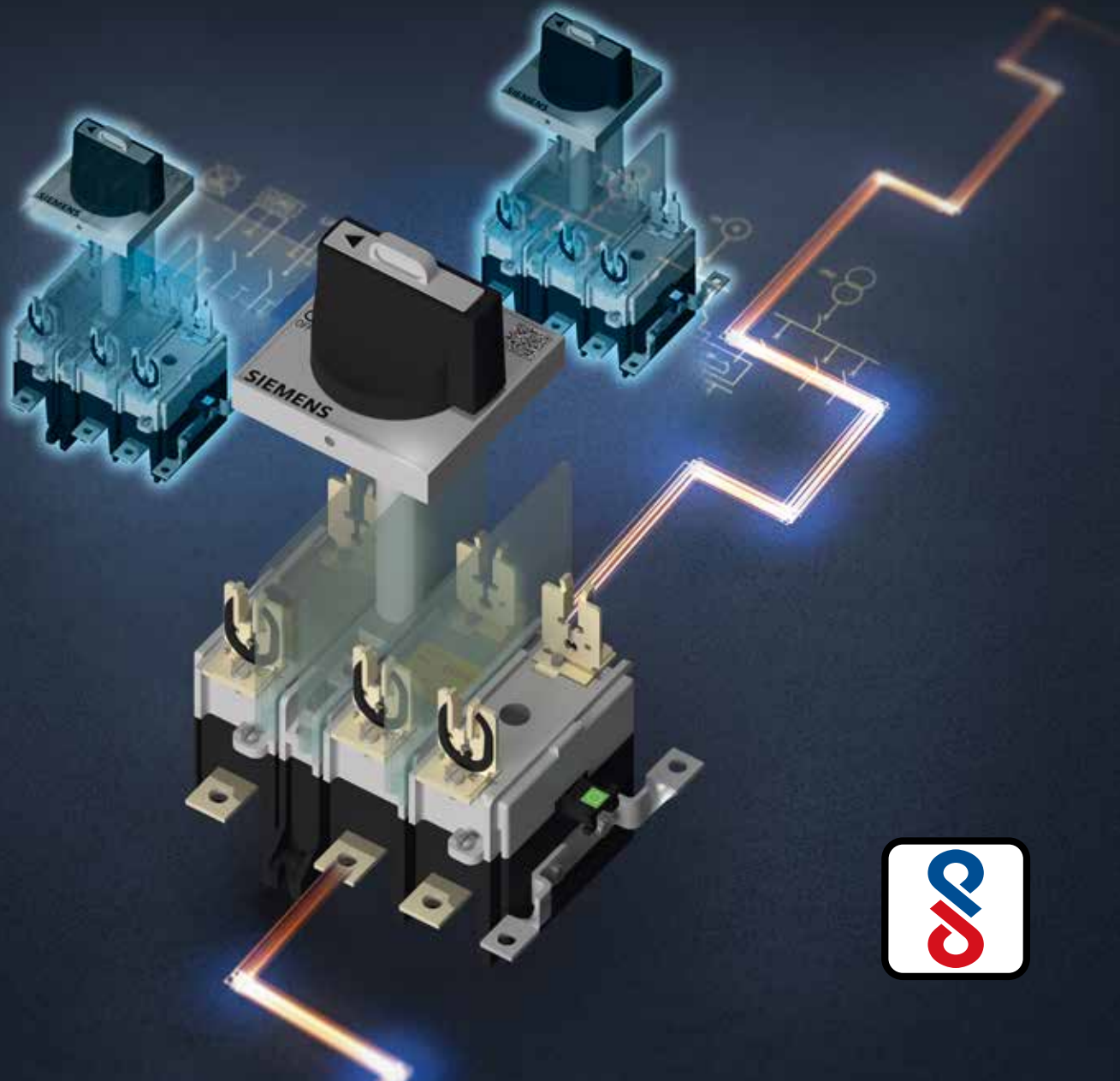
2) Accessory - Gland box is to be used with enclosed switches

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 Disconnect 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



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	7020.-	3KL8111-4TJ00	7135.-	3KL8111-4TC00	7290.-	1
32A	3KL8121-4TA00	7265.-	3KL8121-4TJ00	7825.-	3KL8121-4TC00	7870.-	1
63A	3KL8151-4TA00	9775.-	3KL8151-4TJ00	9915.-	3KL8151-4TC00	10320.-	1
100A	3KL8171-4TA00	14675.-	—	—	—	—	1
100A	3KL8211-4TA00	21085.-	3KL8211-4TJ00	22990.-	—	—	1
125A	3KL8221-4TA00	25830.-	3KL8221-4TJ00	27370.-	—	—	1
160A	3KL8231-4TA00	28680.-	3KL8231-4TJ00	33255.-	—	—	1
200A	3KL8311-4UA00	41150.-	3KL8311-4UJ00	43200.-	—	—	1
250A	3KL8321-4UA00	47945.-	3KL8321-4UJ00	51200.-	—	—	1
315A	3KL8331-4UA00	57705.-	3KL8331-4UJ00	63175.-	—	—	1
400A	3KL8341-4UA00	63495.-	3KL8341-4UJ00	72980.-	—	—	1
500A	3KL8411-4UA00	103120.-	3KL8411-4UJ00	117625.-	—	—	1
630A	3KL8421-4UA00	106915.-	3KL8421-4UJ00	121880.-	—	—	1
800A [§]	3KL8431-4UA00	126365.-	3KL8431-4UJ00	132065.-	—	—	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	6235.-	3KL8111-5TJ00	6250.-	3KL8111-5TC00	6285.-	1
32A	3KL8121-5TA00	6330.-	3KL8121-5TJ00	6370.-	3KL8121-5TC00	6425.-	1
63A	3KL8151-5TA00	8500.-	3KL8151-5TJ00	8675.-	3KL8151-5TC00	8755.-	1
100A	3KL8171-5TA00	12175.-	—	—	—	—	1
100A	3KL8211-5TA00	16955.-	3KL8211-5TJ00	17105.-	—	—	1
125A	3KL8221-5TA00	21825.-	3KL8221-5TJ00	21915.-	—	—	1
160A	3KL8231-5TA00	23355.-	3KL8231-5TJ00	23455.-	—	—	1
200A	3KL8311-5UA00	32050.-	3KL8311-5UJ00	33015.-	—	—	1
250A	3KL8321-5UA00	36410.-	3KL8321-5UJ00	37395.-	—	—	1
315A	3KL8331-5UA00	43350.-	3KL8331-5UJ00	44080.-	—	—	1
400A	3KL8341-5UA00	52240.-	3KL8341-5UJ00	53015.-	—	—	1
500A	3KL8411-5UA00	84025.-	3KL8411-5UJ00	85955.-	—	—	1
630A	3KL8421-5UA00	88495.-	3KL8421-5UJ00	93095.-	—	—	1
800A [§]	3KL8431-5UA00	94365.-	3KL8431-5UJ00	100870.-	—	—	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	6050.-	1
32A	3KL8121-1TA00	6165.-	1
63A	3KL8151-1TA00	8370.-	1
100A	3KL8211-1TA00	16650.-	1
125A	3KL8221-1TA00	21175.-	1
160A	3KL8231-1TA00	22885.-	1
200A	3KL8311-1UA00	31055.-	1
250A	3KL8321-1UA00	36205.-	1
315A	3KL8331-1UA00	42695.-	1
400A	3KL8341-1UA00	51410.-	1
500A	3KL8411-1UA00	82740.-	1
630A	3KL8421-1UA00	87940.-	1
800A [§]	3KL8431-1UA00	93785.-	1

\$ 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

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

Superswitch 3KL8

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

Rated current I _e @690V ^c 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	5635.-	–	–	3KL8111-2TC00	5750.-	1
32A [®]	3KL8121-2TA00	5750.-	–	–	3KL8121-2TC00	5995.-	1
63A [®]	3KL8151-2TA00	7480.-	–	–	3KL8151-2TC00	7545.-	1
100A [®]	3KL8171-2TA00	11570.-	–	–	–	–	1
100A	3KL8211-2TA00	15925.-	3KL8211-2TJ00	16290.-	–	–	1
125A	3KL8221-2TA00	18455.-	3KL8221-2TJ00	20100.-	–	–	1
160A	3KL8231-2TA00	19190.-	3KL8231-2TJ00	21655.-	–	–	1
200A	3KL8311-2UA00	27890.-	3KL8311-2UJ00	30485.-	–	–	1
250A	3KL8321-2UA00	30375.-	3KL8321-2UJ00	33660.-	–	–	1
315A	3KL8331-2UA00	36965.-	3KL8331-2UJ00	39210.-	–	–	1
400A	3KL8341-2UA00	44030.-	3KL8341-2UJ00	46290.-	–	–	1
500A	3KL8411-2UA00	69530.-	3KL8411-2UJ00	80960.-	–	–	1
630A	3KL8421-2UA00	71120.-	3KL8421-2UJ00	82140.-	–	–	1
800A [§]	3KL8431-2UA00	92510.-	3KL8431-2UJ00	92820.-	–	–	1



Switch disconnecter fuse in SS[^] Enclosure (factory fitted)[>]

Rated current I _e @690V ^c 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	13035.-	3KL8111-4TA10	15025.-	1
	BS	3KL8111-5TJ10	13150.-	3KL8111-4TJ10	15055.-	1
	CYL	3KL8111-5TC10	13215.-	3KL8111-4TC10	15180.-	1
32A	DIN	3KL8121-5TA10	13945.-	3KL8121-4TA10	15500.-	1
	BS	3KL8121-5TJ10	13985.-	3KL8121-4TJ10	15675.-	1
	CYL	3KL8121-5TC10	14055.-	3KL8121-4TC10	15730.-	1
63A	DIN	3KL8151-5TA10	15485.-	3KL8151-4TA10	18270.-	1
	BS	3KL8151-5TJ10	15540.-	3KL8151-4TJ10	18725.-	1
	CYL	3KL8151-5TC10	15665.-	3KL8151-4TC10	18790.-	1
100A	DIN	3KL8211-5TA10	24825.-	3KL8211-4TA10	29430.-	1
	BS	3KL8211-5TJ10	25555.-	3KL8211-4TJ10	29725.-	1
125A	DIN	3KL8221-5TA10	29415.-	3KL8221-4TA10	35440.-	1
	BS	3KL8221-5TJ10	29640.-	3KL8221-4TJ10	36560.-	1
160A	DIN	3KL8231-5TA10	31565.-	3KL8231-4TA10	38960.-	1
	BS	3KL8231-5TJ10	31805.-	3KL8231-4TJ10	39220.-	1
200A	DIN	3KL8311-5UA10	45515.-	3KL8311-4UA10	63610.-	1
	BS	3KL8311-5UJ10	45875.-	3KL8311-4UJ10	65070.-	1
250A	DIN	3KL8321-5UA10	51605.-	3KL8321-4UA10	67730.-	1
	BS	3KL8321-5UJ10	51960.-	3KL8321-4UJ10	68210.-	1
315A	DIN	3KL8331-5UA10	61385.-	3KL8331-4UA10	80620.-	1
	BS	3KL8331-5UJ10	61720.-	3KL8331-4UJ10	81015.-	1
400A	DIN	3KL8341-5UA10	70800.-	3KL8341-4UA10	90395.-	1
	BS	3KL8341-5UJ10	71710.-	3KL8341-4UJ10	90775.-	1
500A	DIN	3KL8411-5UA10	105435.-	3KL8411-4UA10	132950.-	1
	BS	3KL8411-5UJ10	105750.-	3KL8411-4UJ10	134380.-	1
630A	DIN	3KL8421-5UA10	111005.-	3KL8421-4UA10	141185.-	1
	BS	3KL8421-5UJ10	111320.-	3KL8421-4UJ10	141595.-	1
800A [§]	DIN	3KL8431-5UA10	119160.-	3KL8431-4UA10	151565.-	1
	BS	3KL8431-5UJ10	119475.-	3KL8431-4UJ10	151965.-	1



SS[^] Enclosure for 3KL8/ 3KA8

Rated current I _e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	8855.-	1
200A-400A	3KX8345-4AC	11790.-	1
500A-800A	3KX8435-4AC ¹⁾	19325.-	1
200A-800A	3KX8435-4AG ^{#2)}	33185.-	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 Disconnecter: 3KA8 for power distribution (in Open Execution)

Rated current I _n @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00 [®]	6590.-	3KA8151-5TE00	7950.-	3KA8151-4TE00	11305.-	1
100A	—	—	3KA8171-5TE00	12360.-	3KA8171-4TE00	22740.-	1
100A	3KA8211-2TE00	11535.-	3KA8211-5TE00	15720.-	3KA8211-4TE00	26290.-	1
125A	3KA8221-2TE00	14480.-	3KA8221-5TE00	18055.-	3KA8221-4TE00	28240.-	1
160A	3KA8231-2TE00	19300.-	3KA8231-5TE00	23490.-	3KA8231-4TE00	35580.-	1
200A	3KA8311-2UE00	24535.-	3KA8311-5UE00	30335.-	3KA8311-4UE00	41295.-	1
250A	3KA8321-2UE00	26850.-	3KA8321-5UE00	32030.-	3KA8321-4UE00	50725.-	1
400A	3KA8341-2UE00	37245.-	3KA8341-5UE00	47360.-	3KA8341-4UE00	69140.-	1
630A ^{\$}	3KA842□-2UE00	59745.-	3KA842□-5UE00	75180.-	3KA842□-4UE00	98960.-	1
800A ^{\$}	3KA843□-2UE00	62345.-	3KA843□-5UE00	77585.-	3KA843□-4UE00	113570.-	1
1000A ^{\$}	3KA844□-2UE00	83425.-	3KA844□-5UE00	111445.-	3KA844□-4UE00	139950.-	1
1250A ^{\$}	3KA845□-2UE00	109690.-	3KA845□-5UE00	144570.-	3KA845□-4UE00	168235.-	1
1600A ^{\$}	3KA846□-2UE00	126500.-	3KA846□-5UE00	160000.-	3KA846□-4UE00	226585.-	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⁾	575.-	3KX8230-0JF	1410.-	3KX8340-0AF	2070.-	3KX8430-0JF	2935.-	1
		BS			3KX8230-0HF	1410.-			3KX8430-0HF	2935.-	1
	3P	DIN			3KX8230-0JE	1410.-	3KX8340-0AE	2070.-	3KX8430-0JE	2935.-	1
		BS			3KX8230-0HE	1410.-			3KX8430-0HE	2935.-	1
	4P	DIN	3KX8150-0AG ⁵⁾	985.-	3KX8230-0JG	1410.-	3KX8340-0AG	2070.-	3KX8430-0JG	2935.-	1
		BS			3KX8230-0HG	1410.-			3KX8430-0HG	2935.-	1
Terminal cover (1set = 2pieces)	2P	—	3KX8151-0AE	295.-	3KX8231-0AF	1200.-	3KX8341-0AF	2255.-	3KX8431-0AF	2645.-	1
	3P	—	—	—	3KX8231-0AE	1200.-	3KX8341-0AE	2255.-	3KX8431-0AE	2645.-	1
	4P	—	3KX8151-0AG	1045.-	3KX8231-0AG	1200.-	3KX8341-0AG	2255.-	3KX8431-0AG	2645.-	1
Phase barrier	—	DIN/ BS/ Cylindrical	3KX8153-0AE	115.-	3KX8153-0AE (DIN) 3KX8233-0JE (BS)	115.- 115.-	3KX8343-0AE	360.-	3KX8433-0AE	545.-	1 1
Fuse cover phase barrier kit ³⁾	—	—	—	—	—	—	3KX8340-9AE	1160.-	3KX8440-9AE	1160.-	1
Auxiliary switch (1NO+1NC)	—	—	3SB5400-0A* [#]	385.-	3KX3522-1YC	1670.-	3KX3552-1YC	2010.-	3KX3582-1YC	2435.-	1
Auxiliary switch (2NO+2NC)	—	—	—	—	3KX3522-1YD	3010.-	3KX3552-1YD	4350.-	3KX3582-1YD	4690.-	1
Auxiliary switch cover	—	—	3KX8154-0AC	200.-	3KX8234-0AC	200.-	—	—	—	—	1
Front drive (Handle)	—	—	8UC6114-1BB00	2060.-	8UC6214-1BB00	2330.-	8UC6314-1BB00	3515.-	8UC6414-1BB00	5140.-	1
Operating shaft (300mm)	—	—	8UC6031	570.-	8UC60-32	690.-	8UC6034	1340.-	8UC6034	1340.-	1
Castell interlock ¹⁾	—	—	8UC6070-0YQ..	10765.-	8UC6070-1YQ..	10765.-	8UC6070-2YQ..	11050.-	8UC6070-2YQ..	11050.-	1
Depth setting template	—	—	8UC6046-2	120.-	8UC6046-2	120.-	8UC6046-2	120.-	8UC6046-2	120.-	1
Fuse Monitor with auxiliary switch [^] (1NO+1NC)	—	—	3RV1611-0BD10	18565.-	3RV1611-0BD10	18565.-	3RV1611-0BD10	18565.-	3RV1611-0BD10	18565.-	1
	—	—	3RV2901-1E	2445.-	3RV2901-1E	2445.-	3RV2901-1E	2445.-	3RV2901-1E	2445.-	1
Fuse safety barrier	—	—	3KX8150-1AC	305.-	3KX8230-1AC	395.-	—	—	—	—	1
Gland box with gland plate (1no.)	—	—	3KX8235-4DC	10280.-	3KX8235-4DC	10280.-	3KX8345-4DC	14185.-	3KX8435-4DC	21605.-	1
	—	—	—	—	—	—	—	—	3KX8435-4DG ⁴⁾	35360.-	1
Gland plate	—	—	3KX8235-4GC	2180.-	3KX8235-4GC	2180.-	3KX8345-4GC	2825.-	3KX8435-4GC	3140.-	1
	—	—	—	—	—	—	—	—	3KX8435-4GG ⁴⁾	3170.-	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

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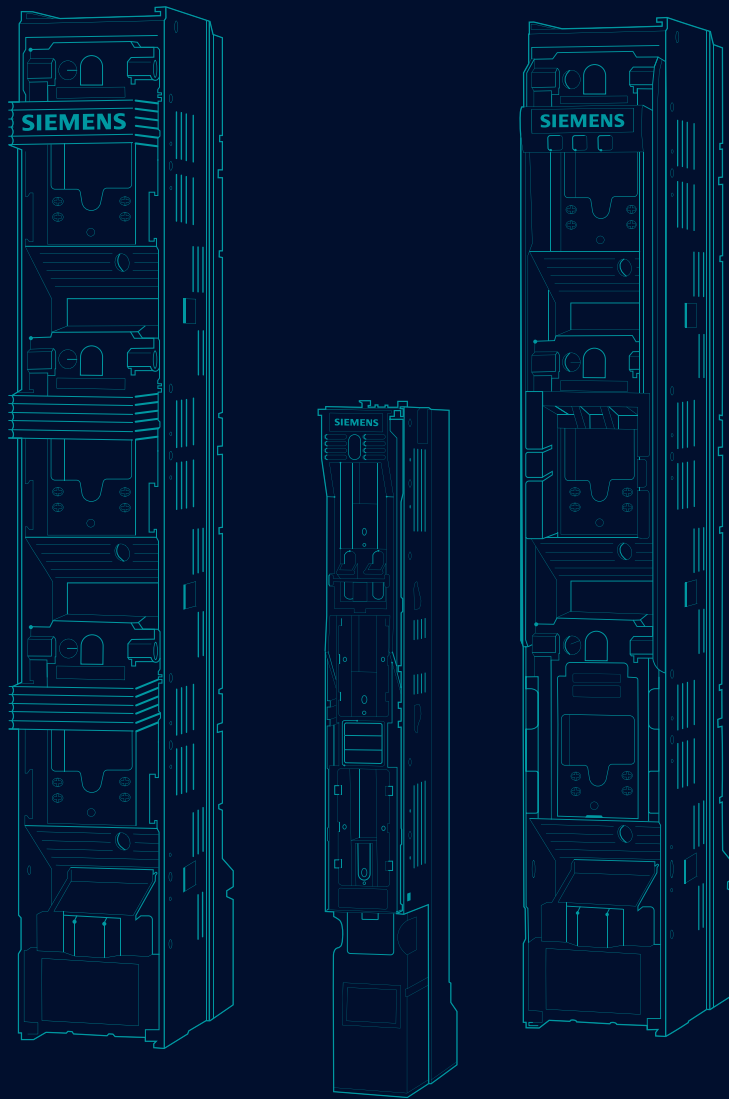
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3NJ4 Fuse Switch Disconnectors

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 Disconnectors

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-ORC0	POR
	3				3NJ4103-3BF01-ORC0	
250	1		NH1	M10 flat terminal	3NJ4121-3BF01-ORC0	
	3				3NJ4123-3BF01-ORC0	
400	1		NH1, NH2	M12 flat terminal	3NJ4131-3BF01-ORC0	
	3				3NJ4133-3BF01-ORC0	
630	1		NH2, NH3	M12 flat terminal	3NJ4141-3BF01-ORC0	
	3				3NJ4143-3BF01-ORC0	

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 240mm ²	3NJ4911-5AA00-ORC0*	POR
	2 x 300 mm ² / 3 x 120 mm ²	3NJ4911-5BA00-ORC0*	
M16	1 x 400 mm ²	3NJ4911-5CA00-ORC0*	



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-ORC0*	POR



Busbar terminals

Not for devices with transformer installation

Version	Type	Unit LP* ₹
For more rapid mounting of the switch disconnectors onto the busbars (1 set = 3 units)	3NJ4911-3BA01-ORC0*	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-ORC0^	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	7810.-
				3	3NP1123-1CA20	14185.-
				4	3NP1124-1CA20	24775.-
160 ²⁾	00	000,00	Flat	1	3NP1131-1CA10	8220.-
				3	3NP1133-1CA10	14845.-
				4	3NP1134-1CA10	25810.-
250 ²⁾	1	00,1	Flat	1	3NP1141-1DA10	23950.-
				3	3NP1143-1DA10	43420.-
				4	3NP1144-1DA10	71190.-
400 ²⁾	2	1,2	Flat	1	3NP1151-1DA10	32940.-
				3	3NP1153-1DA10	59495.-
				4	3NP1154-1DA10	96290.-
630 ²⁾	3	2,3	Flat	1	3NP1161-1DA10	43835.-
				3	3NP1163-1DA10	79720.-
				4	3NP1164-1DA10	127760.-

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	27355.-
				3	3NP1123-1CA24	42335.-
160 ²⁾	00	000,00	Flat	1	3NP1131-1CA14	26125.-
				3	3NP1133-1CA14	42725.-
250 ²⁾	1	00,1	Flat	1	3NP1141-1DA14	43470.-
				3	3NP1143-1DA14	71190.-
400 ²⁾	2	1,2	Flat	1	3NP1151-1DA14	52835.-
				3	3NP1153-1DA14	88040.-
630 ²⁾	3	2,3	Flat	1	3NP1161-1DA14	63700.-
				3	3NP1163-1DA14	107540.-

- 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.



1-pole



3-pole



2-pole



4-pole



1-pole with EFM



3-pole with EFM

Configurator for 3NP1

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



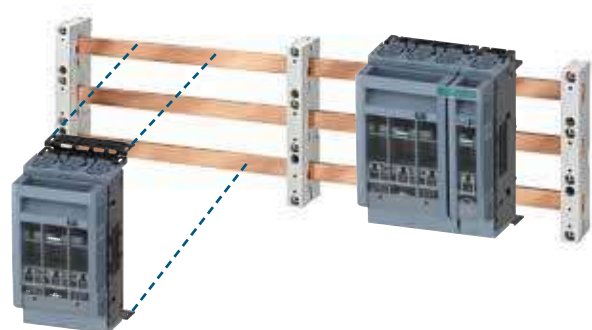
3NP1 mounting on 8US busbar

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	21005.-
				4	3NP1124-1BC20	34985.-
160 ²⁾	00	00	Flat	3	3NP1133-1BC10	22535.-
				4	3NP1134-1BC10	37705.-
250 ²⁾	1	1	Flat	3	3NP1143-1BC10	71870.-
				4	3NP1144-1BC10	112020.-
400 ²⁾	2	2	Flat	3	3NP1153-1BC10	92880.-
				4	3NP1154-1BC10	145740.-
630 ²⁾	3	3	Flat	3	3NP1163-1BC10	117900.-
				4	3NP1164-1BC10	187010.-

8US busbar system



Accessories for 3NP1

Auxillary contact (1CO type)

3NP1 Size	Type	Unit LP* ₹
000	3NP1920-1FA00	3270.-
00	3NP1930-1FA00	3270.-
1,2,3	3NP1940-1FA00	3550.-



Feeder terminals for 3NP1 121/ 3 for use up to 160A

3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1BD00	4120.-
		3	3NP1923-1BD00	9205.-



Assembly kit for connection of 1-pole and 3-pole 3NP1 to form floor mounted 2-pole⁴⁾ 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□	6155.-
	25	9.5	3LD2103-0TK5□	6810.-
	32	11.5	3LD2203-0TK5□	7600.-
	63	22	3LD2504-0TK5□	13000.-
	100	37	3LD2704-0TK5□	19700.-
	125	45	3LD2804-0TK5□	25120.-
	160	75	3LD2305-0TK1□	POR
	250	132	3LD2405-0TK1□	

□ - 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	13490.-
	32	11.5	3LD2223-7UK01	14760.-
	63	22	3LD2524-7UK01	24395.-
	100	37	3LD2724-7UK01	45370.-
	160	75	3LD2305-7UK01	POR
	250	132	3LD2405-7UK01	

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□	9860.-
	25	9.5	3LD2113-0TK5□	10950.-
	32	11.5	3LD2213-0TK5□	12065.-
	63	22	3LD2514-0TK5□	14485.-
	100	37	3LD2714-0TK5□	23790.-
	125	45	3LD2814-0TK5□	29710.-
	160	75	3LD2318-0TK1□	POR
	250	132	3LD2418-0TK1□	

□ - 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□	5490.-
	25	9.5	3LD2122-0TK1□	6030.-
	32	11.5	3LD2222-0TK1□	7315.-

□ - 1: Black OR
□ - 3: Red/yellow

Changeover switch with knob Operated Mechanism In 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	21600.-
	32	11.5	3LD22657UB01	24545.-
	63	22	3LD25667UB01	53255.-
	100	37	3LD27667UB01	91750.-

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□	8780.-
	25	9.5	3LD2164-0TB5□	9515.-
	32	11.5	3LD2264-0TB5□	11310.-
	63	22	3LD2565-0TB5□	18720.-
	100	37	3LD2766-0TB5□	42545.-
	125	45	3LD2866-0TB5□	77010.-

□ - 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	2780.-	1
		3LD25 (63A)	3LD9250-0BA	4075.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0B	5045.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0B	POR	1
	N or PE terminal Continuous	3LD20 (16A)	3LD9200-2B	1855.-	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2B	2120.-	1
		3LD25 (63A)	3LD9250-2BA	2790.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2B	3385.-	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	3085.-	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	2780.-	1
		3LD25 (63A)	3LD9250-0CA	4075.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0C	5045.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0C	POR	1
	N or PE terminal Continuous	3LD20 (16A)	3LD9200-2C	2500.-	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2C	2120.-	1
		3LD25 (63A)	3LD9250-2CA	2790.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2C	3385.-	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	2930.-	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	950.-	4
	3 pole	3LD21 (25A) and 3LD22 (32A)	3LD9221-0A	880.-	4
	3 pole	3LD25 (63A)	3LD9251-0A	985.-	4
	1 pole	3LD27 (100A) and 3LD28 (125A)	3LD9281-2A	475.-	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	5150.-	10
		30	3LA0601-1YB	11950.-	5
	System selector	5.5	3LA0202-1YA	5880.-	10
		30	3LA0602-1YB	16715.-	5
	Reversing	5.5	3LA0203-1YA	5880.-	10
		30	3LA0603-1YB	16715.-	5
	Star-delta	12	3LA0204-5YA	8285.-	10
		30	3LA0604-1YB	22760.-	5
	2 speed pole changing				
	i) Separate windings	5.5	3LA0205-2YA	5880.-	10
ii) Dahlander	5.5	3LA0205-1YA	7915.-	10	
Reversing pole changing	5.5	3LA0205-3YA	11365.-	10	

Spares & accessories for motor control switches**



Description	Type	Unit LP* ₹	Std. pkg. (nos.)
Ball handle – Black	3LX0 211-1YA	320.-	10
Machine handle – Black	3LX0 611-2YA	840.-	10
Indicating dial for size 2	3LX0 220-1YA	240.-	10
Indicating dial for size 6	3LX0 620-1YA	240.-	10
Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch)	3LY0 220-2YA	240.-	10
Tension spring for the drive mechanism of size 2 switch	3LY0 210-1YA	220.-	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	3525.-	10
	63	52	3LA0605-1YB	8475.-	5
4	25	16	3LA0205-5YA	5880.-	10
	63	52	3LA0605-2YB	15455.-	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

Technology
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

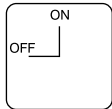
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- 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



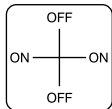
ON OFF Switches

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-ORCO	1 Pole	310.-	595.-	715.-	750.-	780.-	955.-	1220.-	1425.-	7455.-	1
3LD4 ___ 2AA00-ORCO	2 Pole	400.-	670.-	805.-	895.-	935.-	1110.-	1465.-	1825.-	9305.-	
3LD4 ___ 3AA00-ORCO	3 Pole	435.-	805.-	945.-	1030.-	1220.-	1365.-	1710.-	2450.-	11455.-	
3LD4 ___ 4AA00-ORCO	4 Pole	535.-	870.-	1020.-	1225.-	1505.-	1615.-	1960.-	2950.-	13420.-	

90° Operation with complete rotation

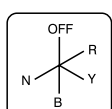
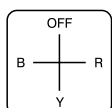


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-ORCO	1 Pole	305.-	595.-	715.-	750.-	755.-	945.-	1215.-	1420.-	7455.-	1
3LD4 ___ 2BC00-ORCO	2 Pole	400.-	670.-	805.-	895.-	935.-	1110.-	1465.-	1825.-	9305.-	
3LD4 ___ 3BC00-ORCO	3 Pole	435.-	805.-	945.-	1030.-	1220.-	1365.-	1710.-	2450.-	11455.-	
3LD4 ___ 4BC00-ORCO	4 Pole	535.-	870.-	1020.-	1225.-	1505.-	1615.-	1960.-	2950.-	13420.-	

* 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 3LD40013AA00-ORCO

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)



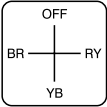
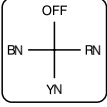
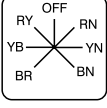
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RC0	655.-	1
	10A	3LD41024DC200RC0	785.-	
	16A	3LD41034DC200RC0	1000.-	
	20A	3LD41044DC200RC0	1115.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RC0	650.-	
	10A	3LD41024DD200RC0	780.-	
	16A	3LD41034DD200RC0	985.-	
	20A	3LD41044DD200RC0	1245.-	



* LP - List Price

3LD4 Control Switches

Voltmeter Selector Switch (VSS)

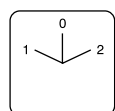
	Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
	Line voltages with OFF	6A	3LD40014DC300RC0	485.-	1
		10A	3LD41024DC300RC0	715.-	
		16A	3LD41034DC300RC0	915.-	
		20A	3LD41044DC300RC0	1030.-	
	Phase voltages with OFF	6A	3LD40014DC310RC0	855.-	
		10A	3LD41024DC310RC0	955.-	
		16A	3LD41034DC310RC0	1225.-	
		20A	3LD41044DC310RC0	1360.-	
	Line & Phase voltages with OFF	6A	3LD40014DF300RC0	855.-	
		10A	3LD41024DF300RC0	1425.-	
		16A	3LD41034DF300RC0	1695.-	
		20A	3LD41044DF300RC0	1845.-	



Changeover Switch

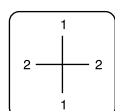
With OFF (60°)

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-ORC0	1P 2W	400.-	730.-	895.-	925.-	945.-	1045.-	1420.-	1925.-	9625.-	1
3LD4 ___ 2BB10-ORC0	2P 2W	535.-	895.-	1020.-	1200.-	1275.-	1495.-	1940.-	2910.-	14080.-	
3LD4 ___ 3BB10-ORC0	3P 2W	655.-	1110.-	1360.-	1670.-	1935.-	2085.-	2450.-	3920.-	18220.-	
3LD4 ___ 4BB10-ORC0	4P 2W	805.-	1225.-	1560.-	2040.-	2570.-	2700.-	3000.-	4955.-	23230.-	



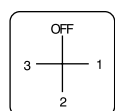
Without OFF (90°)

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-ORC0	1P 2W	400.-	730.-	895.-	915.-	945.-	1045.-	1420.-	1925.-	9625.-	1
3LD4 ___ 2PC10-ORC0	2P 2W	535.-	895.-	1020.-	1200.-	1275.-	1495.-	1940.-	2910.-	14080.-	
3LD4 ___ 3PC10-ORC0	3P 2W	655.-	1110.-	1360.-	1670.-	1935.-	2085.-	2450.-	3920.-	18220.-	
3LD4 ___ 4PC10-ORC0	4P 2W	805.-	1225.-	1560.-	2040.-	2570.-	2700.-	3000.-	4955.-	23230.-	



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-ORC0	1P 3W	485.-	650.-	755.-	895.-	915.-	1130.-	1655.-	1855.-	7915.-	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 3LD41023BB10-ORC0

3LD4 Control Switches

Breaker Control Switch

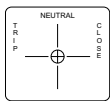
Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch**

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

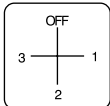


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-ORC0	2650.-	1
	32A	3LD4206-2BB50-ORC0	3130.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-ORC0	3195.-	
	32A	3LD4206-4BB50-ORC0	3725.-	

Multistep Switch

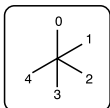


Multistep 3 Way with OFF



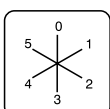
Type [#]	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4___1CC40-ORC0	1P 3W	485.-	805.-	935.-	955.-	1020.-	1135.-	1615.-	1825.-	9305.-	1
3LD4___2CC40-ORC0	2P 3W	655.-	945.-	1135.-	1360.-	1550.-	1660.-	2400.-	2695.-	14495.-	
3LD4___3CC40-ORC0	3P 3W	945.-	1255.-	1925.-	2055.-	2300.-	2495.-	3190.-	4165.-	18950.-	
3LD4___4CC40-ORC0	4P 3W	1215.-	1625.-	2330.-	2550.-	2860.-	3145.-	4280.-	4985.-	23930.-	

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-ORC0	1P 4W	550.-	720.-	1360.-	1475.-	1625.-	1810.-	2045.-	2780.-	8230.-	1
3LD4___2DD40-ORC0	2P 4W	945.-	1365.-	1605.-	1650.-	1715.-	1985.-	2570.-	3245.-	12710.-	
3LD4___3DD40-ORC0	3P 4W	1320.-	1835.-	2545.-	2675.-	2860.-	3280.-	4385.-	4985.-	35020.-	

Multistep 5 Way with OFF

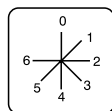


Type [#]	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4___1EE40-ORC0	1P 5W	620.-	1155.-	1560.-	1760.-	2035.-	2055.-	2545.-	2975.-	8755.-	1
3LD4___2EE40-ORC0	2P 5W	1110.-	1790.-	2075.-	2400.-	2770.-	3245.-	3345.-	4180.-	12705.-	

* LP - List Price

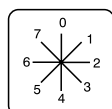
Multistep Switch

Multistep 6 Way with OFF



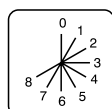
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1FF40-ORCO	1P 6W	800.-	1300.-	1505.-	1655.-	1810.-	2110.-	2165.-	3505.-	1
3LD4 ___ 2FF40-ORCO	2P 6W	1320.-	1940.-	2180.-	2465.-	2780.-	3365.-	4300.-	5630.-	

Multistep 7 Way with OFF



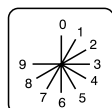
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1GG40-ORCO	1P 7W	805.-	1330.-	1650.-	1805.-	2055.-	2155.-	2245.-	3485.-	1

Multistep 8 Way with OFF



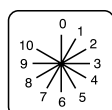
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-ORCO	1P 8W	920.-	1130.-	1615.-	1875.-	1

Multistep 9 Way with OFF



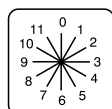
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-ORCO	1P 9W	945.-	1375.-	1670.-	1985.-	1

Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1KK40-ORCO	1P 10W	1110.-	1460.-	2245.-	3015.-	1

Multistep 11 Way with OFF



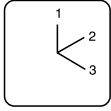
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1LL40-ORCO	1P 11W	1320.-	1580.-	2465.-	3245.-	1

* 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 3LD40013DD40-ORCO

Multistep Switch

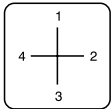


Multistep 3 Way without OFF



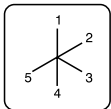
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1QB40-ORC0	1P 3W	410.-	710.-	860.-	870.-	1090.-	1120.-	1740.-	1960.-	7360.-	1
3LD4 ___ 2QB40-ORC0	2P 3W	595.-	1070.-	1210.-	1330.-	1430.-	1470.-	2180.-	2575.-	13175.-	
3LD4 ___ 3QB40-ORC0	3P 3W	860.-	1330.-	1805.-	1930.-	2090.-	2270.-	3185.-	3785.-	14150.-	
3LD4 ___ 4QB40-ORC0	4P 3W	1105.-	1475.-	2095.-	2375.-	2640.-	2810.-	6190.-	6835.-	15170.-	

Multistep 4 Way without OFF



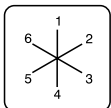
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1RC40-ORC0	1P 4W	470.-	775.-	1050.-	1130.-	1300.-	1370.-	1885.-	2630.-	8970.-	1
3LD4 ___ 2RC40-ORC0	2P 4W	665.-	1110.-	1235.-	1420.-	1540.-	1685.-	2270.-	2950.-	13850.-	
3LD4 ___ 3RC40-ORC0	3P 4W	910.-	1090.-	1960.-	2170.-	2455.-	2725.-	2965.-	3960.-	18260.-	

Multistep 5 Way without OFF



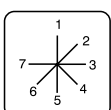
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1SD40-ORC0	1P 5W	620.-	890.-	1230.-	1420.-	1615.-	1985.-	2545.-	3255.-	8710.-	1
3LD4 ___ 2SD40-ORC0	2P 5W	1110.-	1505.-	1695.-	2180.-	2550.-	2750.-	3530.-	4475.-	12530.-	

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-ORC0	1P 6W	650.-	800.-	1550.-	1655.-	1810.-	2055.-	2405.-	3045.-	14495.-	1
3LD4 ___ 2TE40-ORC0	2P 6W	1255.-	1525.-	2085.-	2615.-	3200.-	3290.-	3345.-	4270.-	28915.-	

Multistep 7 Way without OFF

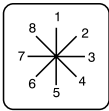


Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1UF40-ORC0	1P 7W	800.-	1020.-	1175.-	1625.-	2145.-	2150.-	2570.-	3825.-	1

* LP - List Price

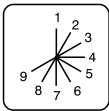
Multistep Switch

Multistep 8 Way without OFF



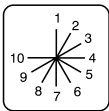
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1VG40-ORCO	1P 8W	805.-	1590.-	1755.-	1875.-	1

Multistep 9 Way without OFF



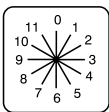
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1WH40-ORCO	1P 9W	945.-	1650.-	2785.-	3465.-	1

Multistep 10 Way without OFF



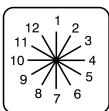
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1XJ40-ORCO	1P 10W	1020.-	1680.-	3090.-	4165.-	1

Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1YK40-ORCO	1P 11W	1055.-	1715.-	3330.-	4395.-	1

Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1ZL40-ORCO	1P 12W	1155.-	1755.-	3465.-	4445.-	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 3LD4-0011RC40-ORCO

* LP - List Price





SETRON 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 $\pm 10\%$ 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 $\pm 10\%$ 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 $\pm 10\%$, 50/60Hz, 110...340V DC $\pm 10\%$	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 $\pm 10\%$) 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.

(B) Software Solution

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

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

PAC EXPANSION Modules



7KM PAC 3220



7KM PAC 4220



MODBUS RTU



PROFINET



PROFIBUS DP



I(N), I(Diff), Analog



PAC 4DI/2DO



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



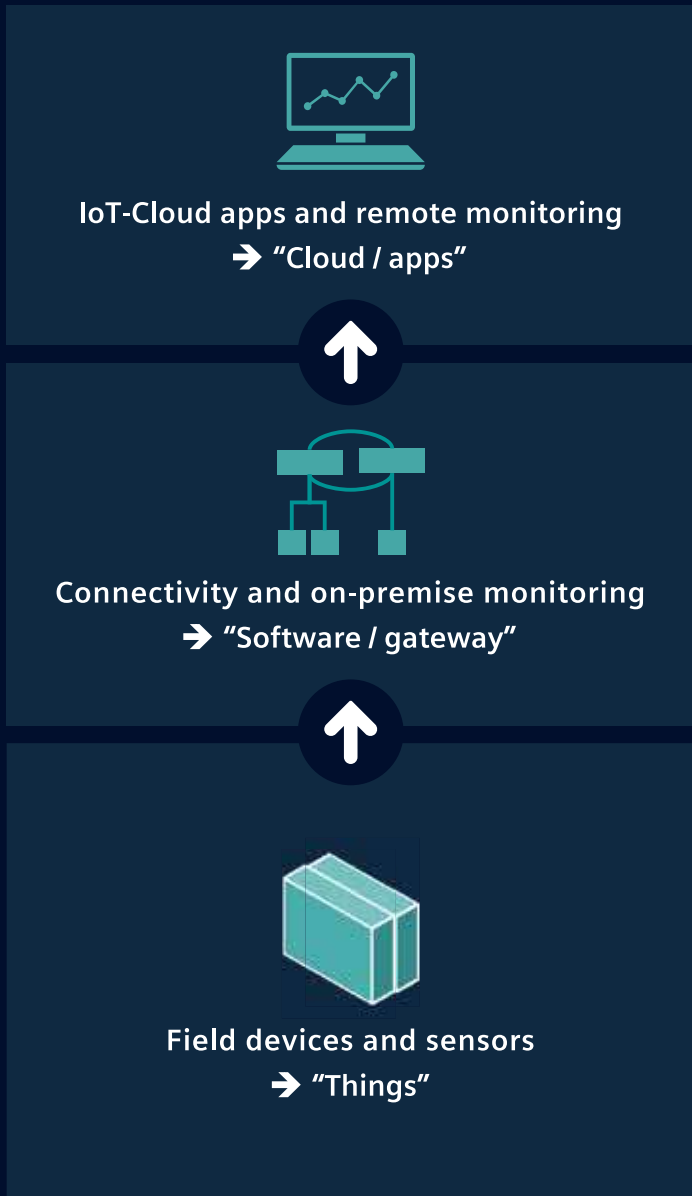
Secure access
comprehensive security concept



SENTRON Powercenter 3000

Your easy entry into power and condition monitoring

SIEMENS



**SENTRON
Powermind**



7KN Powercenter 3000



* 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 Communication*



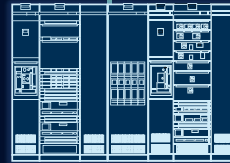
20 7KM PAC3200T



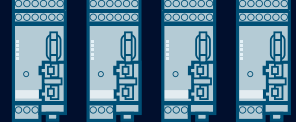
7KM PAC2200



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)

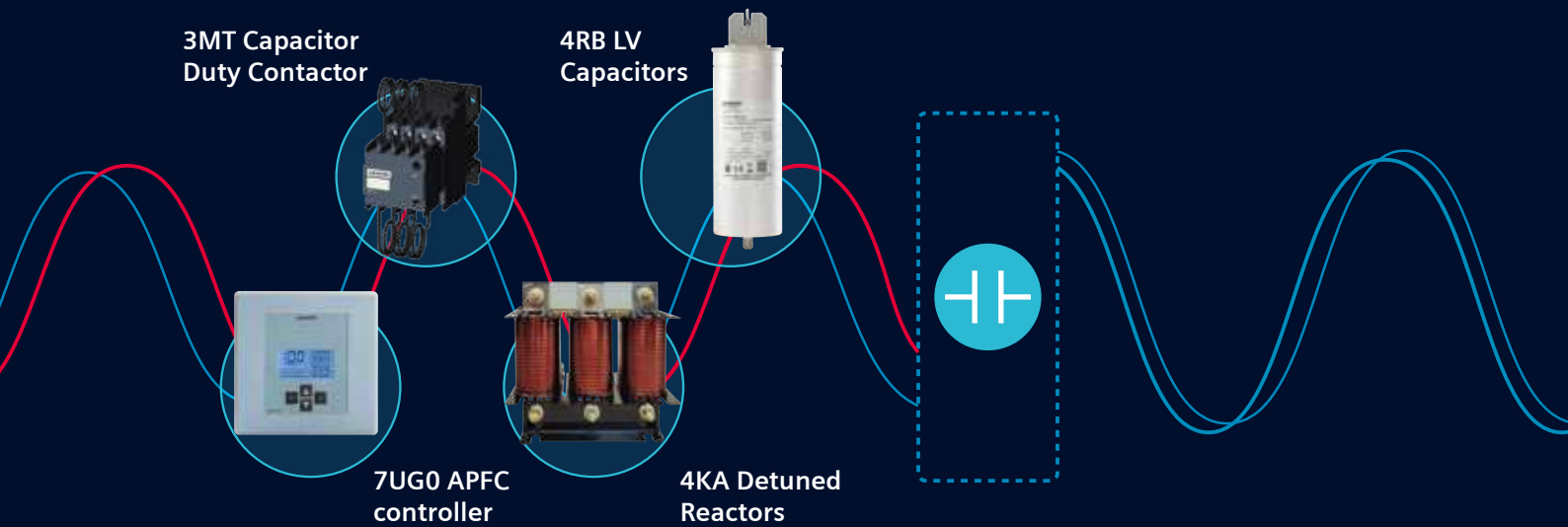
Description	Type	Unit LP ₹
External Shunt for DC meter/ 50A/75mV	7KT0911	1330.-
External Shunt for DC meter/ 100A/60mV	7KT0922	1660.-
External Shunt for DC meter/ 100A/75mV	7KT0923	1660.-
External Shunt for DC meter/ 150A/75mV	7KT0924	2065.-
External Shunt for DC meter/ 200A/60mV	7KT0925	3670.-

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

Power Factor Correction



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 disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	4925.-	1
	6	4RB2060-3EE52-8K	5260.-	1
	7	4RB2070-3EE52-8K	6140.-	1
	7.5	4RB2075-3EE52-8K	7090.-	1
	8.3	4RB2083-3EE52-8K	7040.-	1
	10	4RB2100-3EE52-8K	8070.-	1
	12.5	4RB2125-3EE52-8K	9475.-	1
	15	4RB2150-3EE52-8K	11365.-	1
	20	4RB2200-3EE52-8K	15095.-	1
	20.8	4RB2208-3EE52-8K	15740.-	1
	25	4RB2250-3EE52-8K	18905.-	1
	28	4RB2280-3EE52-8K	21170.-	1
	30	4RB2300-3EE52-8K	22700.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	4535.-	1
	5.5	4RB2055-3EJ52-8K	5020.-	1
	10.4	4RB2104-3EJ52-8K	8945.-	1
	11.1	4RB2111-3EJ52-8K	9720.-	1
	12.5	4RB2125-3EJ52-8K	9960.-	1
	20.8	4RB2208-3EJ52-8K	16560.-	1
	25	4RB2250-3EJ52-8K	19895.-	1
	27.7	4RB2277-3EJ52-8K	22055.-	1
	30	4RB2300-3EJ52-8K	23900.-	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.



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 disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	5785.-	1
	7.5	4RB2075-3EB53-8K	9020.-	1
	10.4	4RB2104-3EB53-8K	10660.-	1
	12.5	4RB2125-3EB53-8K	11555.-	1
	15	4RB2150-3EB53-8K	13880.-	1
	20	4RB2200-3EB53-8K	18500.-	1
	25	4RB2250-3EB53-8K	23125.-	1
440	5	4RB2050-3EE53-8K	5950.-	1
	7.5	4RB2075-3EE53-8K	8975.-	1
	10	4RB2100-3EE53-8K	10235.-	1
	12.5	4RB2125-3EE53-8K	11555.-	1
	15	4RB2150-3EE53-8K	13880.-	1
	20	4RB2200-3EE53-8K	18500.-	1
	25	4RB2250-3EE53-8K	23125.-	1
	30	4RB2300-3EE53-8K	27730.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	5950.-	1
	6.3	4RB2063-3EJ53-8K	6715.-	1
	10.4	4RB2104-3EJ53-8K	9965.-	1
	11	4RB2110-3EJ53-8K	10550.-	1
	12.5	4RB2125-3EJ53-8K	11980.-	1
	13.8	4RB2138-3EJ53-8K	13225.-	1
	15	4RB2150-3EJ53-8K	14370.-	1
	16.7	4RB2167-3EJ53-8K	15990.-	1
	18.7	4RB2187-3EJ53-8K	17905.-	1
	20	4RB2200-3EJ53-8K	19175.-	1
	22	4RB2220-3EJ53-8K	21060.-	1
	25	4RB2250-3EJ53-8K	23940.-	1
	28.1	4RB2281-3EJ53-8K	26915.-	1
	30	4RB2300-3EJ53-8K	28715.-	1
525	5	4RB2050-3FC53-8K	6140.-	1
	6.3	4RB2063-3FC53-8K	7440.-	1
	8.3	4RB2083-3FC53-8K	9055.-	1
	10.4	4RB2104-3FC53-8K	10300.-	1
	12.5	4RB2125-3FC53-8K	12395.-	1
	13.2	4RB2132-3FC53-8K	13085.-	1
	15	4RB2150-3FC53-8K	14855.-	1
	16.7	4RB2167-3FC53-8K	16570.-	1
	20	4RB2200-3FC53-8K	19810.-	1
	25	4RB2250-3FC53-8K	24760.-	1
	26.5	4RB2265-3FC53-8K	26255.-	1
	30	4RB2300-3FC53-8K	29735.-	1
	33.1	4RB2331-3FC53-8K	32790.-	1

Power Factor Correction



Std. Pkg. = 1 unit

* LP - List Price

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.

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 disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	8605.-	1
	6.3	4RB1063-3EB50-8K	10735.-	1
	7.5	4RB1075-3EB50-8K	12785.-	1
	10.4	4RB1104-3EB50-8K	11825.-	1
	12.5	4RB1125-3EB50-8K	14005.-	1
	15	4RB1150-3EB50-8K	16810.-	1
	20	4RB1200-3EB50-8K	22420.-	1
	25	4RB1250-3EB50-8K	28020.-	1
	28.1	4RB1281-3EB50-8K	31470.-	1
	30	4RB1300-3EB50-8K	33620.-	1
	33	4RB1330-3EB50-8K	36985.-	1
440	5	4RB1050-3EE50-8K	8370.-	1
	7.5	4RB1075-3EE50-8K	12725.-	1
	10	4RB1100-3EE50-8K	11375.-	1
	10.4	4RB1104-3EE50-8K	11825.-	1
	12.5	4RB1125-3EE50-8K	14005.-	1
	15	4RB1150-3EE50-8K	16810.-	1
	16.7	4RB1167-3EE50-8K	18715.-	1
	20	4RB1200-3EE50-8K	22420.-	1
	25	4RB1250-3EE50-8K	28020.-	1
	28.1	4RB1281-3EE50-8K	31470.-	1
	30	4RB1300-3EE50-8K	33620.-	1
	33.1	4RB1331-3EE50-8K	37085.-	1
	5	4RB1050-3EJ50-8K	8935.-	1
480	6.3	4RB1063-3EJ50-8K	10680.-	1
	8.3	4RB1083-3EJ50-8K	10375.-	1
	10.4	4RB1104-3EJ50-8K	11435.-	1
	11	4RB1111-3EJ50-8K	12780.-	1
	12.5	4RB1125-3EJ50-8K	14510.-	1
	13.8	4RB1138-3EJ50-8K	16030.-	1
	15	4RB1150-3EJ50-8K	17420.-	1
	16.7	4RB1167-3EJ50-8K	19375.-	1
	18.7	4RB1187-3EJ50-8K	21700.-	1
	20	4RB1200-3EJ50-8K	23225.-	1
	22	4RB1220-3EJ50-8K	25525.-	1
	25	4RB1250-3EJ50-8K	28990.-	1
	28.1	4RB1281-3EJ50-8K	32610.-	1
	30	4RB1300-3EJ50-8K	34805.-	1
	31	4RB1310-3EJ50-8K	35975.-	1
	33	4RB1330-3EJ50-8K	38310.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	9095.-	1
	6.3	4RB1063-3FC50-8K	10680.-	1
	8.3	4RB1083-3FC50-8K	10370.-	1
	10.4	4RB1104-3FC50-8K	11435.-	1
	12.5	4RB1125-3FC50-8K	15010.-	1
	13.2	4RB1132-3FC50-8K	15850.-	1
	15	4RB1150-3FC50-8K	18005.-	1
	16.7	4RB1167-3FC50-8K	20065.-	1
	20	4RB1200-3FC50-8K	24000.-	1
	25	4RB1250-3FC50-8K	30020.-	1
	26.5	4RB1265-3FC50-8K	31825.-	1
	30	4RB1300-3FC50-8K	36030.-	1
	33.1	4RB1331-3FC50-8K	39740.-	1
690	5.3	4RB1053-3GK50-8K	9845.-	1
	6.9	4RB1068-3GK50-8K	12230.-	1
	10.4	4RB1104-3GK50-8K	11825.-	1
	12.5	4RB1125-3GK50-8K	15515.-	1
	14.6	4RB1146-3GK50-8K	18120.-	1
	20	4RB1200-3GK50-8K	24810.-	1
	25	4RB1250-3GK50-8K	31025.-	1
	25	4RB1250-3GK50-8K	31025.-	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

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	42490.-
10kvar	5.67%	4KA1220-3AC01-0AA0	47940.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	52480.-
15kvar	5.67%	4KA1220-5AC01-0AA0	70045.-
20kvar	5.67%	4KA1220-6AC01-0AA0	72925.-
25kvar	5.67%	4KA1220-7AC01-0AA0	74495.-
5kvar	7%	4KA1220-1AA01-0AA0	32620.-
10kvar	7%	4KA1220-3AA01-0AA0	44755.-
12.5kvar	7%	4KA1220-4AA01-0AA0	48320.-
15kvar	7%	4KA1220-5AA01-0AA0	55790.-
20kvar	7%	4KA1220-6AA01-0AA0	59430.-
25kvar	7%	4KA1220-7AA01-0AA0	62545.-
50kvar	7%	4KA1220-2BA01-0AA0	111430.-
75kvar	7%	4KA1220-3BA03-0AA0	156275.-
100kvar	7%	4KA1220-4BA03-0AA0	196705.-
5kvar	14%	4KA1220-1AB01-0AA0	42950.-
12.5kvar	14%	4KA1220-4AB01-0AA0	88765.-
15kvar	14%	4KA1220-5AB01-0AA0	84415.-
20kvar	14%	4KA1220-6AB01-0AA0	103820.-
25kvar	14%	4KA1220-7AB01-0AA0	124230.-
50kvar	14%	4KA1220-2BB01-0AA0	203350.-
75kvar	14%	4KA1220-3BB03-0AA0	334550.-
100kvar	14%	4KA1220-4BB03-0AA0	401890.-

Std. Pkg. = 1 unit

* LP - List Price

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	23480.-
10kvar	5.67%	4KA1420-3AC01-0AA0	30930.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	35375.-
15kvar	5.67%	4KA1420-5AC01-0AA0	41520.-
20kvar	5.67%	4KA1420-6AC01-0AA0	51630.-
25kvar	5.67%	4KA1420-7AC01-0AA0	53585.-
50kvar	5.67%	4KA1420-2BC01-0AA0	84205.-
5kvar	7%	4KA1420-1AA01-0AA0	25820.-
10kvar	7%	4KA1420-3AA01-0AA0	33230.-
12.5kvar	7%	4KA1420-4AA01-0AA0	36745.-
15kvar	7%	4KA1420-5AA01-0AA0	41410.-
20kvar	7%	4KA1420-6AA01-0AA0	44100.-
25kvar	7%	4KA1420-7AA01-0AA0	47170.-
50kvar	7%	4KA1420-2BA01-0AA0	81110.-
75kvar	7%	4KA1420-3BA03-0AA0	115205.-
100kvar	7%	4KA1420-4BA03-0AA0	144110.-
5kvar	14%	4KA1420-1AB01-0AA0	34470.-
10kvar	14%	4KA1420-3AB01-0AA0	58690.-
12.5kvar	14%	4KA1420-4AB01-0AA0	69595.-
15kvar	14%	4KA1420-5AB01-0AA0	73085.-
20kvar	14%	4KA1420-6AB01-0AA0	88890.-
25kvar	14%	4KA1420-7AB01-0AA0	101530.-
50kvar	14%	4KA1420-2BB01-0AA0	162805.-

Power Factor Correction



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..	4055.-	1NC	3MT70002JA016A..	4055.-	1
NEW 5kvar	1NO	3MT70005JA106A..	4490.-	1NC	3MT70005JA016A..	4490.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	4945.-	2NC	3MT70007JA026A..	4945.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	6155.-	2NC	3MT70010JA026A..	6155.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	6290.-	2NC	3MT70012JA026A..	6290.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	8330.-	2NC	3MT70016JA026A..	8330.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	9265.-	2NC	3MT70020JA026A..	9265.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	10620.-	2NC	3MT70025JA026A..	10620.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	16095.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	25980.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	30415.-				1
60kvar	1NO+2NC	3MT70060JA126A..	32325.-				1
80kvar	1NO+2NC	3MT70080JA126A..	39680.-				1
100kvar	1NO+2NC	3MT70100JA126A..	41240.-				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	1215.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1430.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	3690.-	1
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	4025.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	905.-	10
2NC	3MT70200CL09M1A	905.-	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	35670.-
	12 Stage with LCD display	7UG0572-1GT20	38210.-
	12 stage with LED display	7UG0572-1GT21	21845.-

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



Siemens Reyrolle Protection Relays

Relays for every application

Applications

- Feeder Protection
- Motor Protection
- Transformer Protection

Features

- Non Drawout / Drawout variants
- Programmable Tri-color LED's
- Communication: MODBUS RTU / IEC 103 and optional IEC 61850
- 1000 events / 10 disturbance records
- Programmable logic editor
- Easy Parameterization & Monitoring with ReyDisp Software

www.siemens.com/Reyrolle

SIEMENS

Portfolio Overview

Feeder Protection

Non-Directional
Fixed



7SR1002 / 3

Directional
Fixed



7SR1004

Non-Directional
Drawout



7SR11

Directional
Drawout



7SR12

Motor Protection

Non-Directional | Fixed



7SR105

Directional | Drawout



7SR17

Transformer Protection

Directional | Drawout

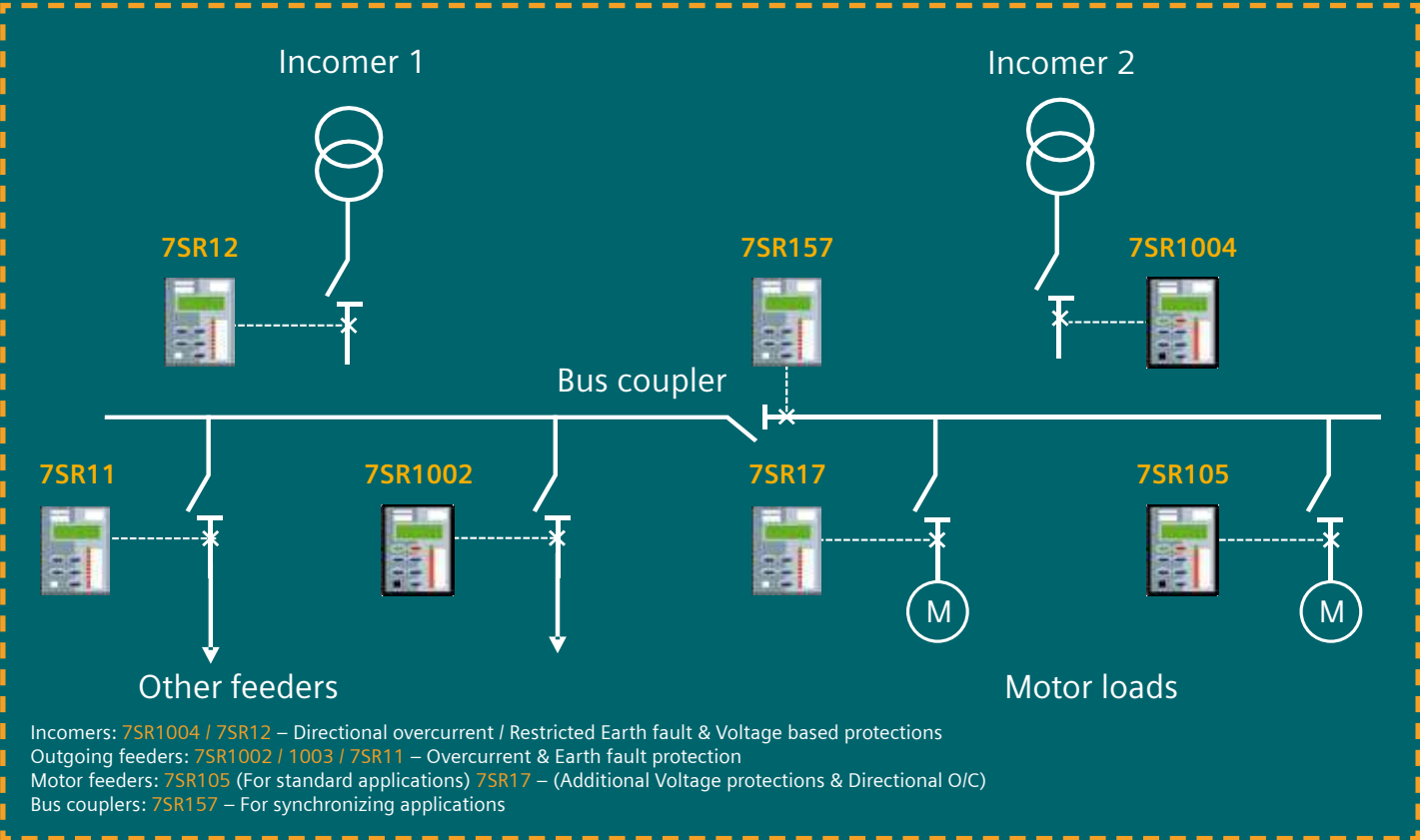


7SR242

Check synchronizing



7SR157



7SR Numerical Relays

		Description	Type *	Unit LP ₹
Feeder Protection		Non Drawout Non Directional overcurrent relay 6 BI 6 BOs Measuring current input: 1/5A Auxiliary voltage: 60 to 240V AC/DC BI Threshold: 44V AC/DC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 46BC, 46NPS, 49, 50, 51, 50G/N, 51G/N, 50/51 SEF, 74T/CCS, 81THD, 86	7SR1003-1LA20-2CA0	173465.-
		Non Drawout Directional overcurrent relay 9 BI 6 BOs Measuring current input: 1/5A with SEF input Auxiliary voltage: 60 to 240V AC/DC BI Threshold: 88V AC/DC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 27/59, 32, 32S, 37, 46BC, 46NPS, 47NPS, 49, 50BF, 51V, 55, 59N, 60CTS, 60VTS, 64H, 67/50, 50SEF, 51G/N, 51SEF, 74T/CCS, 81U/O	7SR1004-4KA20-2CA0	300535.-
		Drawout Non Directional overcurrent relay 6 BI 8 BOs Measuring current input: 1/5A Auxiliary voltage: 100 to 230V AC/24 -250VDC BI Threshold: 19VDC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 46BC, 46NPS, 49, 50, 50AFD, 50BF, 51, 50G/N, 51G/N, 64H, 74T/CCS, 86	7SR1103-1MA12-1CA0	292850.-
		Drawout Directional overcurrent relay 6 BI 8 BOs Measuring current input: 1/5A Auxiliary voltage: 100 to 230V AC/24 -250VDC BI Threshold: 19VDC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 27, 59, 32, 32S, 37, 46BC, 46NPS, 47, 49, 50, 50AFD, 50BF, 51, 50N, 51N, 51V, 55, 59N, 60CTS, 64H, 67, 74T/CCS, 81U/O, 86	7SR1206-2MA12-1CA0	326660.-
Motor Protection		Non Drawout Motor Protection Relay 6 BI 6 BOs Measuring current input: 1/5A Auxiliary voltage: 60 to 240V AC/DC BI Threshold: 44V AC/DC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 14, 37, 46, 46PhRev, 48/66, 49, 50/51, 50G/N, 51G/N, 50BCL, 50BF, 74T/CCS, 81B	7SR1053-2LA21-2EA0	251785.-

* For more options on control voltage, BI/BOs, Communication protocols or protection functions please contact your nearest Siemens Sales Office

7PJ Auxiliary & Trip Relays

		Description	Type	Unit LP ₹
Aux Relays		Auxiliary relay Single Element with self reset contacts with flag, 110V DC, 3NO+2CO, Low burden	7PJ1111-6DA20-0AA0	22270.-
		Auxiliary relay Single Element with self reset contacts with flag, 220V DC, 3NO+2CO, Low burden	7PJ1111-7DA20-0AA0	22270.-
		Auxiliary relay Single Element with self reset contacts without flag, 110V DC, 3NO+2CO, Low burden	7PJ1114-6DA20-0AA0	22270.-
		Auxiliary relay Single Element with self reset contacts without flag, 220V DC, 3NO+2CO, Low burden	7PJ1114-7DA20-0AA0	22270.-
		Auxiliary relay Three Element, hand reset with flag, 110V DC, 2NO, Low burden	7PJ1132-6CA00-0AA0	44730.-
		Auxiliary relay Three Element, hand reset with flag, 220V DC, 2NO, Low burden	7PJ1132-7CA00-0AA0	44730.-
Trip Relays		Trip relay with hand reset contacts with flag, DC 110V, 4NO+1NC, high burden	7PJ1212-6EB01-0AA0	22270.-
		Trip relay with hand reset contacts with flag, DC 220V, 4NO+1NC, high burden	7PJ1212-7EB01-0AA0	22270.-
		TCS relay, 2CO, SR, Aux 24-240VAC/DC, BI 24-240VDC	7PJ1321-5AA21-0AA0	40850.-

SIEMENS

SENTRON

Circuit protection devices with measuring and communication function

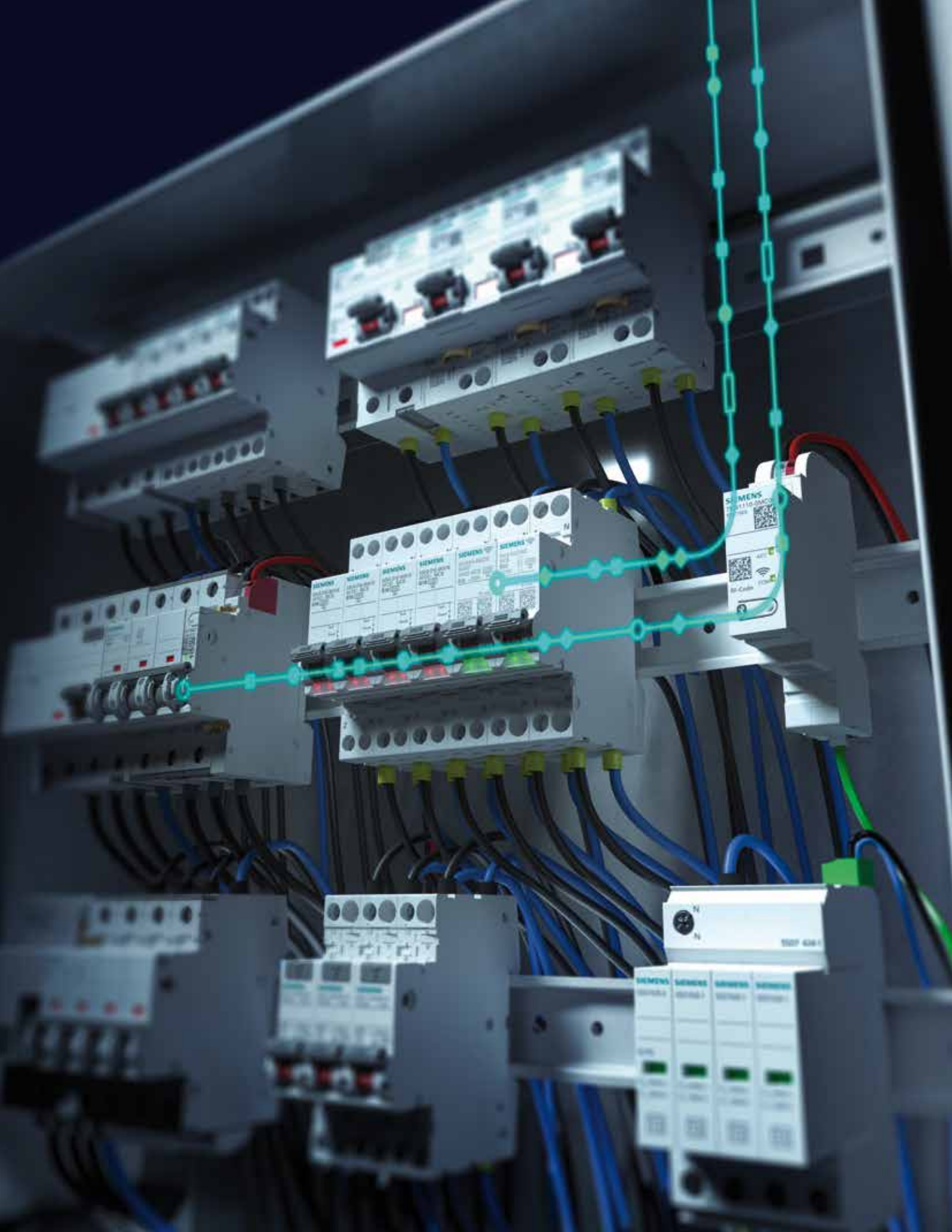


**SENTRON
5SV6 COM
AFDD/MCB**



**SENTRON
Powercenter 1100
data transceiver**





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



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

www.siemens.com/fuses

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	820.-	1/6
	4	3NA78040RC	820.-	1/6
	6	3NA78010RC	820.-	1/6
	10	3NA78030RC	820.-	1/6
	16	3NA78050RC	830.-	1/6
	20	3NA78070RC	830.-	1/6
	25	3NA78100RC	830.-	1/6
	32	3NA78120RC	830.-	1/6
	40	3NA78170RC	865.-	1/6
	50	3NA78200RC	865.-	1/6
	63	3NA78220RC	965.-	1/6
	80	3NA78240RC	1065.-	1/6
00	100	3NA78300RC	1065.-	1/6
	125	3NA78320RC	1270.-	1/6
	160	3NA78360RC	1345.-	1/6
	50	3NA71200RC	1835.-	1/3
	63	3NA71220RC	1835.-	1/3
	80	3NA71240RC	1835.-	1/3
1	100	3NA71300RC	1835.-	1/3
	125	3NA71320RC	1920.-	1/3
	160	3NA71360RC	1970.-	1/3
	200	3NA71400RC	1970.-	1/3
	224	3NA71420RC	2060.-	1/3
	250	3NA71440RC	2220.-	1/3
2	200	3NA72400RC	2725.-	1/3
	250	3NA72440RC	2835.-	1/3
	315	3NA72520RC	2940.-	1/3
3	400*	3NA72600RC	2940.-	1/3
	315	3NA33520RC	4180.-	1/3
	400	3NA33600RC	4180.-	1/3
	500	3NA33650RC	4670.-	1/3
	630	3NA33720RC	4785.-	1/3
	800*	3NA33754RC	5825.-	1/3

* 400A (Size II) and 800A are rated at 415V AC

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

Size	Rated current (A)	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
00	40	3NA78176RC	1180.-	1/6
	50	3NA78206RC	1180.-	1/6
	63	3NA78226RC	1270.-	1/6
	80	3NA78246RC	1345.-	1/6
	100	3NA78306RC	1345.-	1/6
1	125	3NA71326RC	2360.-	1/3
	160	3NA71366RC	2445.-	1/3
	200	3NA71406RC	2445.-	1/3
2	250	3NA72446RC	3235.-	1/3
	315	3NA72526RC	3485.-	1/3
3	400	3NA33606RC	5185.-	1/3
	425	3NA33626RC	5185.-	1/3
	500	3NA33656RC	5545.-	1/3

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	930.-	1
1	250	■ 3NG1250	1410.-	1
2	400	■ 3NG1300	2285.-	1
3	630	■ 3NG1400	2370.-	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)	1150.-	1/10
00/000	160	3NA7 8	■ 3NH3032-0RC (Plug in)	1235.-	1/10
1	250	3NA7 1	■ 3NH3230-0RC	2310.-	1/5
2	400	3NA7 2	■ 3NH3330-0RC	3270.-	1/5
3	630	3NA3 3	■ 3NH3430-0RC	4715.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	5585.-	1/5



Fuse puller

Description	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	5550.-	1
Suitable only for fuse links and isolating links	3NX1010	2315.-	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 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
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	1835.-	3
		63A	500 V	3NA61220RC	1835.-	3
		80A	500 V	3NA61240RC	1835.-	3
		100A	500 V	3NA61300RC	1835.-	3
		125A	500 V	3NA61320RC	1920.-	3
		160A	500 V	3NA61360RC	1970.-	3
		200A	500 V	3NA61400RC	1970.-	3
		224A	500 V	3NA61420RC	2060.-	3
		250A	500 V	3NA61440RC	2220.-	3
	2	200A	500 V	3NA62400RC	2725.-	3
		250A	500 V	3NA62440RC	2835.-	3
		315A	500 V	3NA62520RC	2940.-	3
		400A	500 V	3NA62600RC	2940.-	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	■ 3NWN52	310.-	20
4	■ 3NWN54	310.-	20
6	■ 3NWN56	310.-	20
10	■ 3NWN510	310.-	20
16	■ 3NWN516	310.-	20
20	■ 3NWN520	365.-	20
25	■ 3NWN525	365.-	20
32	■ 3NWN532	365.-	20

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	440.-	20
4	3NWTIA4	440.-	20
6	3NWTIA6	440.-	20
10	■ 3NWTIA10	495.-	20
16	■ 3NWTIA16	495.-	20
20	■ 3NWTIA20	495.-	20
25	■ 3NWTIA25	495.-	20
32	■ 3NWTIA32	495.-	20
40	3NWTIS40	675.-	20
50	■ 3NWTIS50	675.-	20
63	■ 3NWTIS63	675.-	20
80	3NWTCP80	1735.-	10
100	■ 3NWTCP100	1735.-	10
125	3NWTFP125	3515.-	5
160	3NWTFP160	3515.-	5
200	3NWTFP200	3515.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWT80	1870.-	10
100	3NWT100	1870.-	10
125	3NWT125	3850.-	5
160	3NWT160	3850.-	5
200	3NWT200	3850.-	5
250	3NWT250	5320.-	1
315	3NWT315	5320.-	1
355	3NWT355	6195.-	1
400	3NWT400	6195.-	1
500	3NWT500	9735.-	1
630	3NWT630	11855.-	1
710	3NWT710	13545.-	1
800	3NWT800	13545.-	1

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	365.-	20
10	3NWTSA10	365.-	20
16	3NWTSA16	365.-	20
20	3NWTSA20	365.-	20
25	3NWTSA25	365.-	20
32	3NWTSA32	365.-	20
36	3NWTSS36	730.-	20
40	3NWTSS40	730.-	20
50	3NWTSS50	730.-	20
63	3NWTSS63	730.-	20
80	3NWTSDS80	1370.-	20
100	3NWTSDS100	1370.-	20
125	3NWTSP125	1720.-	5
160	3NWTSP160	1875.-	5
200	3NWTSP200	1720.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	1665.-	10
100	3NWTSDC100	1665.-	10
125	3NWTSF125	1735.-	5
160	3NWTSF160	1735.-	5
200	3NWTSF200	1735.-	5
250	3NWTST250	4165.-	1
315	3NWTST315	4165.-	1
355	3NWTST355	6955.-	1
400	3NWTST400	6955.-	1
450	3NWTST450	5770.-	1
500	3NWTST500	5770.-	1
560	3NWTST560	11010.-	1
630	3NWTST630	9340.-	1
800	3NWTST800	13485.-	1

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWTM32F9	7180.-	10
63	3NWTM63F9	8425.-	10
100	3NWTM100F9	9300.-	10

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NWT20NSF	525.-	10
32	■ 3NWT32NSF	660.-	10
32A (Iso. Link)	■ 3NWT32NSL	290.-	10

** 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

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	6965.-	3
	40	3NE4102	gR	0	6995.-	3
	50	3NE4117	gR	0	7335.-	3
	80	3NE4120	aR	0	7940.-	3
	100	3NE4121	aR	0	8695.-	3
	125	3NE4122	aR	0	9340.-	3
	160	3NE4124	aR	0	10295.-	3

Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
800	250	3NE43276	aR	—	15090.-	1
	315	3NE43306	aR	—	15585.-	1
	450	3NE43336	aR	—	16285.-	1
	500	3NE43346	aR	—	16415.-	1
	710	3NE43376	aR	—	18355.-	1

3NE8 type¹⁾ 690 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
25	3NE80151	gR	00	14785.-	3
35	3NE80031	gR	00	14785.-	3
50	3NE80171	gR	00	14785.-	3
63	3NE80181	gR	00	14785.-	3
80	3NE80201	aR	00	16395.-	3
100	3NE80211	aR	00	17160.-	3
125	3NE80221	aR	00	17420.-	3
160	3NE80241	aR	00	19125.-	3
200	3NE12252	gR	1	48355.-	3
250	3NE12272	gR	1	49990.-	3
315	3NE12302	gR	1	51710.-	3
350	3NE13312	gR	2	68445.-	3
400	3NE13322	gR	2	87910.-	3
450	3NE13332	gR	2	73550.-	3
500	3NE13342	gR	2	76435.-	3
560	3NE14352	gR	3	94985.-	3
630	3NE14362	gR	3	98545.-	3
670	3NE14472	gR	3	100710.-	3
710	3NE14372	gR	3	105015.-	3
800	3NE14382	gR	3	112845.-	3
850	3NE14482	gR	3	122835.-	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	—	82490.-	3
1250	3NE9450	aR	—	77745.-	3

3NE1 type¹⁾ 690 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
16	3NE18130	gS	000	17420.-	3
20	3NE18140	gS	000	17420.-	3
25	3NE18150	gS	000	17420.-	3
35	3NE18030	gS	000	17420.-	3
40	3NE18020	gS	000	17420.-	3
50	3NE18170	gS	000	17420.-	3
63	3NE18180	gS	000	17420.-	3
80	3NE18200	gS	000	17420.-	3
100	3NE10210	gS	00	22485.-	3
125	3NE10220	gS	00	22485.-	3
160	3NE12240	gS	1	53150.-	3
200	3NE12250	gS	1	53150.-	3
250	3NE12270	gS	1	55810.-	3
315	3NE12300	gS	1	59850.-	3
350	3NE13310	gS	2	74320.-	3
400	3NE13320	gS	2	74960.-	3
450	3NE13330	gS	2	75440.-	3
500	3NE13340	gS	2	76550.-	3
560	3NE14350	gS	3	76990.-	3
630	3NE14360	gS	3	80310.-	3
710	3NE14370	gS	3	85700.-	3
800	3NE14380	gS	3	97850.-	3

3NE8 type 690 V AC / 700V DC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
20	3NE87141	gR	000	15705.-	10
25	3NE87151	gR	000	15705.-	10
32	3NE87011	gR	000	15705.-	10
40	3NE87021	gR	000	15705.-	10
50	3NE87171	gR	000	16185.-	10
63	3NE87181	aR	000	16185.-	10
80	3NE87201	aR	000	16975.-	10
100	3NE87211	aR	000	16975.-	10
125	3NE87221	aR	000	15095.-	10
160	3NE87241	aR	000	17620.-	10
200	3NE87251	aR	000	18010.-	10
250	3NE87271	aR	000	19555.-	10
315	3NE87311	aR	000	25710.-	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	39575.-	3
125	3NE3222	aR	1	40730.-	3
160	3NE3224	aR	1	40730.-	3
200	3NE3225	aR	1	44820.-	3
250	3NE3227	aR	1	46000.-	3
315	3NE32300B	aR	1	47900.-	3
350	3NE3231	aR	1	56870.-	3
400	3NE32320B	aR	1	60910.-	3
450	3NE3233	aR	1	63090.-	3
400	3NE33320B	aR	2	61495.-	3
450	3NE3333	aR	2	64765.-	3
500	3NE33340B	aR	2	65975.-	3
560	3NE3335	aR	2	68470.-	3
630	3NE3336	aR	2	71730.-	3
710 [^]	3NE33378	aR	2	98240.-	3
800 [^]	3NE33388	aR	2	100955.-	3
900 [^]	3NE33408	aR	2	120260.-	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	91015.-	3
200	3NC84253C	gR	3	63510.-	3
250	3NC84273C	gR	3	72610.-	3
350	3NC84313C	gR	3	74870.-	3
500	3NC84343C	gR	3	80910.-	3
1000 [#]	3NC84443C	aR	3	147030.-	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	116230.-	2
224	3NE54260C	aR	3	127155.-	2
250	3NE56270C	aR	3	117950.-	3
315	3NE54300C	aR	3	121460.-	2
350	3NE54310C	aR	3	133325.-	2
450	3NE56330C	aR	3	132380.-	3
600	3NE56430C	aR	3	157520.-	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	315	690	M8	3NH5023		1/3
	3NE80...3MK	400	690	M10	3NH5323		
	3NC32...1U, 3NE82...3MK	1600	690	M10	3NH5423		
110	3NC24, 3NC33...1U, 3NC34...1U, 3NC84, 3NE1...-3, 3NE32, 3NE33, 3NE34	1250	1250	M10	3NH5463	POR	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	1310.-	1/10
1A			3NW60111	1310.-	1/10
2A			3NW60021	1310.-	1/10
4A			3NW60041	1310.-	1/10
6A			3NW60011	1310.-	1/10
8A			3NW60081	1310.-	1/10
10A			3NW60031	1310.-	1/10
12A			3NW60061	1310.-	1/10
16A			3NW60051	1310.-	1/20
20A			3NW60071	1310.-	1/20
25A			3NW60101	1310.-	1/20
32A		400	3NW60121	1310.-	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	1450.-	1/10
6A			3NW61011	1450.-	1/10
8A			3NW61081	1450.-	1/10
10A			3NW61031	1450.-	1/10
12A			3NW61061	1450.-	1/10
16A			3NW61051	1450.-	1/10
20A			3NW61071	1450.-	1/10
25A			3NW61101	1450.-	1/10
32A			3NW61121	1730.-	1/10
40A		500	3NW61171	1730.-	1/10
50A			3NW61201	1730.-	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	2540.-	1/10
20A			3NW62071	2540.-	1/10
25A			3NW62101	2540.-	1/10
32A			3NW62121	2540.-	1/10
40A			3NW62171	2790.-	1/10
50A			3NW62201	2790.-	1/10
63A		500	3NW62221	2790.-	1/10
80A			3NW62241	2790.-	1/10
100A			3NW62301	3085.-	1/10



Cylindrical Fuse holders

No of Poles	Size	Rating (A)	MW	Type	Unit LP* ₹	Std. pkg.** (nos.)
1P	10 x 38	32A	1	3NW70132	2340.-	1/1
	14 x 51	50A	1.5	3NW7111	7425.-	1/1
	22 x 58	100A	2	3NW7211	12135.-	1/1
1+N	10 x 38	32A	1	3NW70532	4780.-	1/1
	14 x 51	50A	3	3NW7151	15375.-	1/1
	22 x 58	100A	4	3NW7251	24880.-	1/1
2P	10 x 38	32A	2	3NW70232	4685.-	1/1
	14 x 51	50A	3	3NW7121	14795.-	1/1
	22 x 58	100A	4	3NW7221	20945.-	1/1
3P	10 x 38	32A	3	3NW70332	7040.-	1/1
	14 x 51	50A	4.5	3NW7131	22165.-	1/1
	22 x 58	100A	6	3NW7231	31240.-	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 + Bi-relay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / bi-relay, 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 Disconnecter 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 + Bi-relay (+ 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	3UA5000-1B	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.	I _{ph} 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	8440.-	3KL8111-3TJ00	8175.-	3KL8111-3TC00	8305.-	1
32A	3KL8121-3TA00	8640.-	3KL8121-3TJ00	8450.-	3KL8121-3TC00	8575.-	1
63A	3KL8151-3TA00	12205.-	3KL8151-3TJ00	11815.-	3KL8151-3TC00	11915.-	1
100A	3KL8211-3TA00	24390.-	3KL8211-3TJ00	23935.-			1
125A	3KL8221-3TA00	31885.-	3KL8221-3TJ00	31470.-			1
160A ^{\$}	3KL8231-3TA00	34815.-	3KL8231-3TJ00	34315.-			1
200A	3KL8311-3UA00	44470.-	3KL8311-3UJ00	43040.-			1
250A	3KL8321-3UA00	52280.-	3KL8321-3UJ00	53210.-			1
315A	3KL8331-3UA00	64630.-	3KL8331-3UJ00	62950.-			1
400A ^{\$}	3KL8341-3UA00	77870.-	3KL8341-3UJ00	79030.-			1
500A	3KL8411-3UA00	121825.-	3KL8411-3UJ00	117165.-			1
630A	3KL8421-3UA00	125160.-	3KL8421-3UJ00	121410.-			1
800A ^{\$}	3KL8431-3UA00	135585.-	3KL8431-3UJ00	131580.-			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	985.-	3KX8230-0AC	1410.-	3KX8340-0AC	2070.-	3KX8430-0AC	2935.-	1
Terminal Cover (1 set)	–	–	3KX8231-0AC	1200.-	3KX8341-0AC	2255.-	3KX8431-0AC	2645.-	1
Isolable Neutral cover	–	–	3KX8232-0AC	595.-	–	–	–	–	1
Phase Barrier ^{\$\$}	3KX8153-0AC	395.-	3KX8233-0AC	395.-	3KX8343-0AC	575.-	3KX8433-0AC	745.-	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

Control switches 3ST

Switch	Description	Type
2-Pole On-Off ^{1), 2)}	415V, 50Hz/8.5A	■ 3ST1 400-0AF08
3-Pole On-Off ^{1), 2)}		■ 3ST1 400-1AH08
Ammeter selector	0-L1-L2-L3	■ 3ST1 400-2RQ08
Voltmeter selector	0-L1L2-L2L3-L3L1	■ 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'

Description	Type
3VL MCCBs	3VL1 - 3VL8
3VL Accessories	3VL9..., 13VL9...

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

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

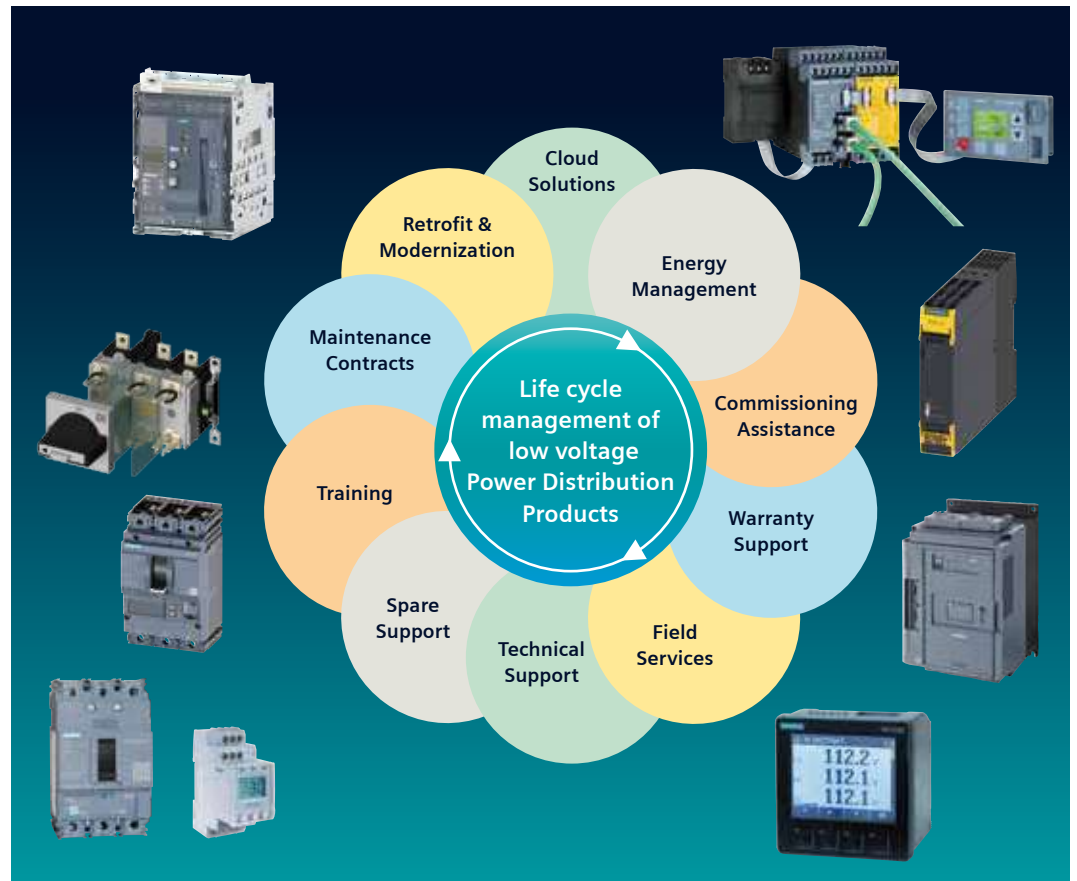
Type of keys are Type A - F depending on the last digit (.) to be replaced by letters A - F.

One point contact for your service needs

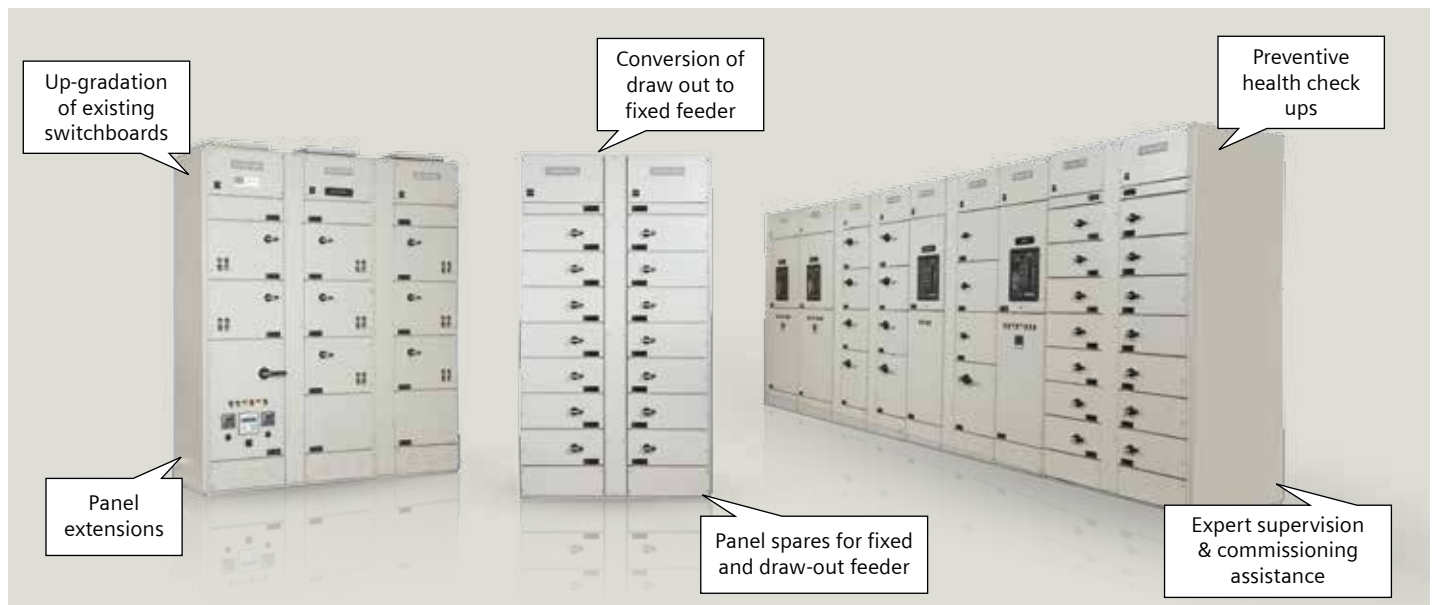
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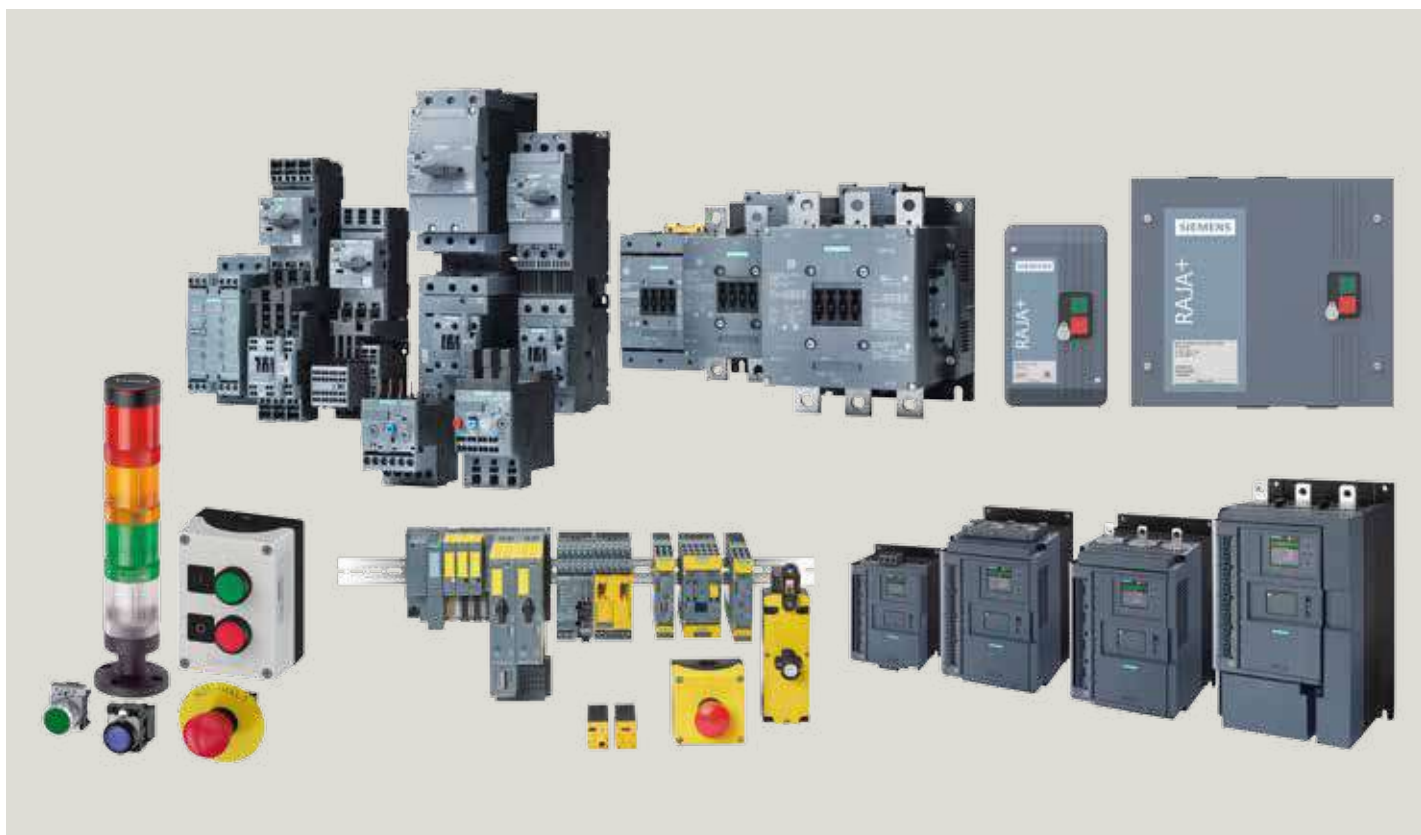
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For information on prices of below products please refer to the
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Notes

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Notes

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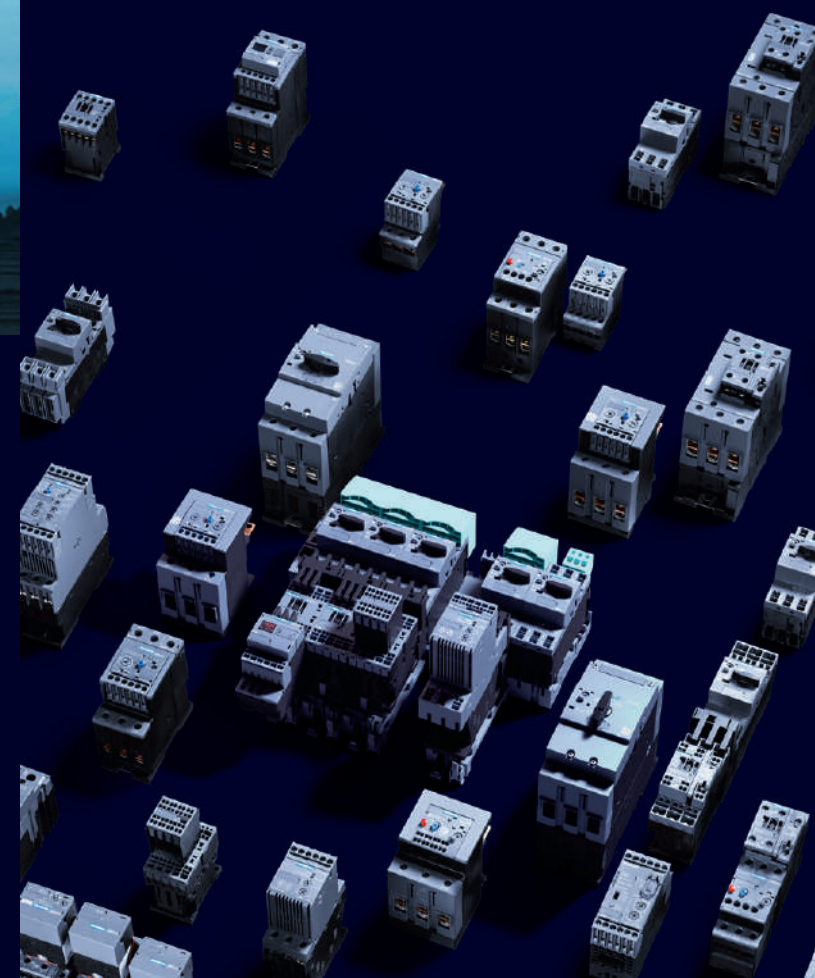
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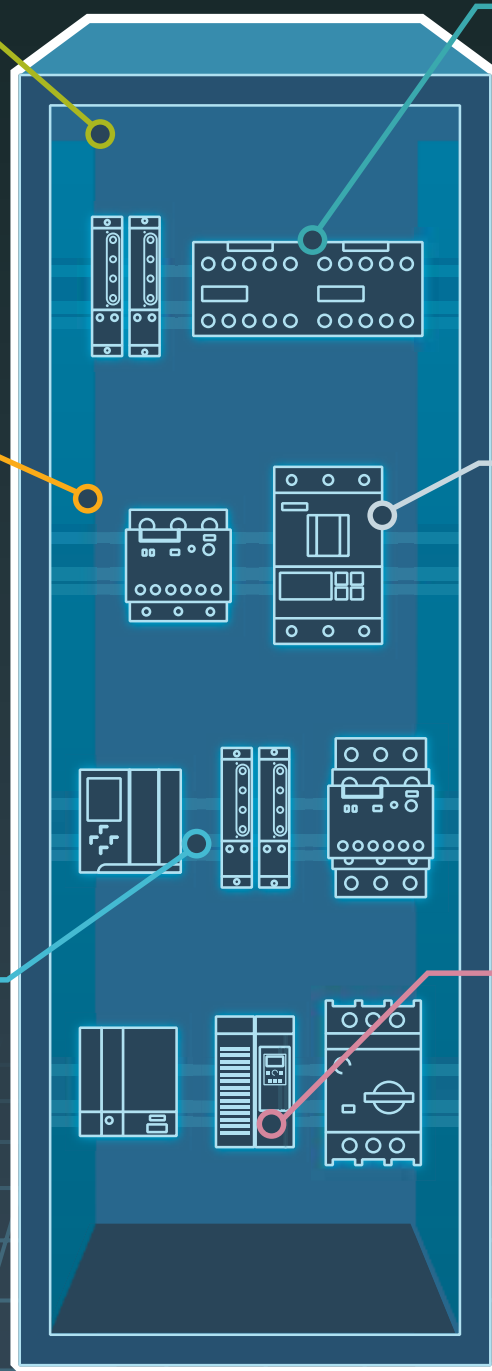


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Industrial Controls



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Without 8K Price List Annexure A : LP Eff. 01.07.2026

Size	Operational Current Ie AC-15 at 230V	Contacts NO	Contacts NC	AC Coil ⁵			DC Coil ⁶		
				Type*	Unit LP ¹⁾ R	Std. pkg. (nos.)	Type*	Unit LP ¹⁾ R	Std. pkg. (nos.)
S0	10	4	–	3RH2140-1A..0	3600.-	1	3RH2140-1B..0	4975.-	1
		3	1	3RH2131-1A..0	3600.-	1	3RH2131-1B..0	4975.-	1
		2	2	3RH2122-1A..0	3600.-	1	3RH2122-1B..0	4975.-	1

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil ⁵			DC Coil ⁶		
				Type*	Unit LP ¹⁾ R	Std. pkg. (nos.)	Type*	Unit LP ¹⁾ R	Std. pkg. (nos.)
S00	7	3	1NO	3RT2015-1A..1	2940.-	1	3RT2015-1B..1	4545.-	1
			1NC	3RT2015-1A..2	2940.-	1	3RT2015-1B..2	4545.-	1
	9	4	1NO	3RT2016-1A..1	3100.-	1	3RT2016-1B..1	4950.-	1
			1NC	3RT2016-1A..2	3100.-	1	3RT2016-1B..2	4950.-	1
	12	5.5	1NO	3RT2017-1A..1	3475.-	1	3RT2017-1B..1	5725.-	1
			1NC	3RT2017-1A..2	3475.-	1	3RT2017-1B..2	5725.-	1
	16	7.5	1NO	3RT2018-1A..1	4115.-	1	3RT2018-1B..1	6720.-	1
			1NC	3RT2018-1A..2	4115.-	1	3RT2018-1B..2	6720.-	1
S0	25	11	1NO+1NC	3RT2026-1A..0	6105.-	1	3RT2026-1B..0	10580.-	1
	32	15	1NO+1NC	3RT2027-1A..0	11895.-	1	3RT2027-1B..0	21520.-	1
	38	18.5	1NO+1NC	3RT2028-1A..0	17030.-	1	3RT2028-1B..0	25575.-	1
	40	18.5	1NO+1NC	3RT2028-1A..00JA0 [#]	17950.-	1	3RT2028-1B..00JA0 [#]	26805.-	1
S0	9	4	1NO+1NC	3RT2023-1A..0	3755.-	1	3RT2023-1B..0	6175.-	1
	12	5.5	1NO+1NC	3RT2024-1A..0	4225.-	1	3RT2024-1B..0	6840.-	1
	17	7.5	1NO+1NC	3RT2025-1A..0	4920.-	1	3RT2025-1B..0	8430.-	1
S2	50	22	1NO+1NC	3RT2036-1A..0	23550.-	1	3RT2036-1B..0	37800.-	1
	65	30	1NO+1NC	3RT2037-1A..0	32705.-	1	3RT2037-1B..0	42820.-	1
	80	37	1NO+1NC	3RT2038-1A..0	40715.-	1	3RT2038-1B..0	52155.-	1
S03	95	45	1NO+1NC	3RT2046-1A..0	51640.-	1	3RT2046-1B..0	64770.-	1
	110	55	1NO+1NC	3RT2047-1A..0	66005.-	1	3RT2047-1B..0	83805.-	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

Note : For Accessories and Spares please refer Low Voltage Control Products Price List w.e.f. 05th April'26

Without 8K Price List Annexure A : LP Eff. 01.07.2026



Contactor Relays (Auxiliary Contactors)



3RH2 (S00) with “Mechanically linked contact elements”

Screw terminals

Size	Operational Current I _e AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil ^{\$}			DC Coil [@]		
				Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
S00	10	4	–	■ 3RH2140-1A..08K	3470.-	1	■ 3RH2140-1B..08K	4815.-	1
		3	1	■ 3RH2131-1A..08K	3470.-	1	■ 3RH2131-1B..08K	4815.-	1
		2	2	■ 3RH2122-1A..08K	3470.-	1	■ 3RH2122-1B..08K	4815.-	1

\$@ Please enter coil codes from table below

Latched Contactor Relays

Screw terminals



Operational current I _e AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil ^{\$}			DC Coil [@]		
			Type	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
10	4	–	3RH2440-1A..0	12695.-	1	3RH2440-1B..0	16875.-	1
	3	1	3RH2431-1A..0	12695.-	1	3RH2431-1B..0	16875.-	1
	2	2	3RH2422-1A..0	12695.-	1	3RH2422-1B..0	16875.-	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. 450.- 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 I _e AC-15 at 230 V A	Auxiliary contacts		Type*	Unit LP ₹	Std. pkg. (nos.)
			NO	NC			
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	6195.-	1
			3	1	3RH2131-1KB40	6195.-	1
			2	2	3RH2122-1KB40	6195.-	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	8830.-	1
			3	1	3RH2131-1SB40	8830.-	1
			2	2	3RH2122-1SB40	8830.-	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

Siemens Limited Low Voltage Control Products Price List Eff. 01.07.2026 5

Power Contactors

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

Screw terminals



Size	AC-3 operational current I _e 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.)
S00	7	3	1NO	■ 3RT2015-1A..18K	2820.-	1	■ 3RT2015-1B..18K	4380.-	1
			1NC	■ 3RT2015-1A..28K	2820.-	1	■ 3RT2015-1B..28K	4380.-	1
	9	4	1NO	■ 3RT2016-1A..18K	2970.-	1	■ 3RT2016-1B..18K	4765.-	1
			1NC	■ 3RT2016-1A..28K	2970.-	1	■ 3RT2016-1B..28K	4765.-	1
	12	5.5	1NO	■ 3RT2017-1A..18K	3340.-	1	■ 3RT2017-1B..18K	5515.-	1
			1NC	■ 3RT2017-1A..28K	3340.-	1	■ 3RT2017-1B..28K	5515.-	1
	16	7.5	1NO	■ 3RT2018-1A..18K	3965.-	1	■ 3RT2018-1B..18K	6490.-	1
			1NC	■ 3RT2018-1A..28K	3965.-	1	■ 3RT2018-1B..28K	6490.-	1
S0	25	11	1NO+1NC	■ 3RT2026-1A..08K	5880.-	1	■ 3RT2026-1B..08K	10200.-	1
	32	15	1NO+1NC	■ 3RT2027-1A..08K	11470.-	1	■ 3RT2027-1B..08K	20745.-	1
	38	18.5	1NO+1NC	■ 3RT2028-1A..08K	16415.-	1	■ 3RT2028-1B..08K	24650.-	1
	40	18.5	1NO+1NC	■ 3RT2028-1A..08KA0 [#]	17300.-	1	■ 3RT2028-1B..08KA0 [#]	25830.-	1

Size	AC-3 operational current I _e up to 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil [§] NEW			AC/DC Coil [€] NEW		
				Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
S2	50	22	1NO+1NC	■ 3RT2036-1A..08K	22695.-	1	■ 3RT2036-1N..08K	36425.-	1
	65	30	1NO+1NC	■ 3RT2037-1A..08K	31525.-	1	■ 3RT2037-1N..08K	41255.-	1
	80	37	1NO+1NC	■ 3RT2038-1A..08K	39220.-	1	■ 3RT2038-1N..08K	50255.-	1
S3	95	45	1NO+1NC	■ 3RT2046-1A..08K	49755.-	1	■ 3RT2046-1N..08K	62425.-	1
	110	55	1NO+1NC	■ 3RT2047-1A..08K	63615.-	1	■ 3RT2047-1N..08K	80765.-	1

Size	AC-3 operational current I _e up to 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts **	AC Coil [§]			Auxiliary contacts	AC/DC Coils (Conventional Type) [€]		
				Type	Unit LP ₹	Std. pkg. (nos.)		Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	—	■ 3RT1054-6C.308K	61580.-	1	2NO+2NC	■ 3RT1054-6A.368K	64525.-	1
	150	75	—	■ 3RT1055-6C.308K	77340.-	1	2NO+2NC	■ 3RT1055-6A.368K	81330.-	1
	185	90	—	■ 3RT1056-6C.308K	97975.-	1	2NO+2NC	■ 3RT1056-6A.368K	101750.-	1
S10	225	110	—	■ 3RT1064-6C.308K	104505.-	1	2NO+2NC	■ 3RT1064-6A.368K	107490.-	1
	265	132	—	■ 3RT1065-6C.308K	127775.-	1	2NO+2NC	■ 3RT1065-6A.368K	130805.-	1
	300	160	—	■ 3RT1066-6C.308K	152665.-	1	2NO+2NC	■ 3RT1066-6A.368K	157025.-	1
S12	400	200	—	■ 3RT1075-6C.308K	183450.-	1	2NO+2NC	■ 3RT1075-6A.368K	188670.-	1
	500	250	—	■ 3RT1076-6C.308K	256350.-	1	2NO+2NC	■ 3RT1076-6A.368K	261190.-	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

@ - 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. 450.- 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

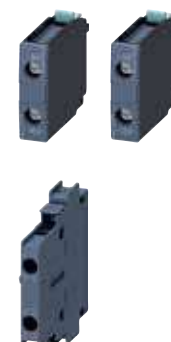
Contactor without operating coil (Please order coil separately)

Size	AC-3 operational current I _e 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	47695.-	1	2NO+2NC	■ 3RT1054-6LA068K	50590.-	1
	150	75	–	■ 3RT1055-6LA008K	65215.-	1	2NO+2NC	■ 3RT1055-6LA068K	67570.-	1
	185	90	–	■ 3RT1056-6LA008K	84815.-	1	2NO+2NC	■ 3RT1056-6LA068K	88055.-	1
S10	225	110	–	■ 3RT1064-6LA008K	87230.-	1	2NO+2NC	■ 3RT1064-6LA068K	90590.-	1
	265	132	–	■ 3RT1065-6LA008K	109720.-	1	2NO+2NC	■ 3RT1065-6LA068K	112850.-	1
	300	160	–	■ 3RT1066-6LA008K	134450.-	1	2NO+2NC	■ 3RT1066-6LA068K	138305.-	1
S12	400	200	–	■ 3RT1075-6LA008K	152470.-	1	2NO+2NC	■ 3RT1075-6LA068K	156820.-	1
	500	250	–	■ 3RT1076-6LA008K	224250.-	1	2NO+2NC	■ 3RT1076-6LA068K	228480.-	1

**Please select the required Contact Blocks from below table

Auxiliary Contact Blocks (S6 - S12)

Size					Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	—	—	—	3RH1921-1CA10	515.-	10
	—	1	—	—	3RH1921-1CA01	515.-	10
	—	—	1	—	3RH1921-1CD10	1000.-	10
	—	—	—	1	3RH1921-1CD01	1000.-	10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	—	—	—	3RH1921-1EA20	2150.-	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	2150.-	1
	1	1	—	—	3RH1921-1KA11		1
	—	2	—	—	3RH1921-1KA02		1



Delayed actuation

Coil

Size	AC Coil				AC/DC Conventional Coils (U _c Coils)			
	Rated control supply voltage U _c 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U _c 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	23...26	■ 3RT1955-5CB318K	10570.-	1	23...26	■ 3RT1955-5AB318K	10875.-	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	110...127	■ 3RT1965-5CF318K	15555.-	1	23...26	■ 3RT1965-5AB31	16015.-	1
				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	110...127	■ 3RT1975-5CF318K	29140.-	1	23...26	■ 3RT1975-5AB31	29970.-	1
				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	3625.-	1	■ 3RT2023-1B..08K	5950.-	1
	12	5.5	1NO + 1NC	■ 3RT2024-1A..08K	4065.-	1	■ 3RT2024-1B..08K	6590.-	1
	17	7.5	1NO + 1NC	■ 3RT2025-1A..08K	4730.-	1	■ 3RT2025-1B..08K	8125.-	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. 450.- 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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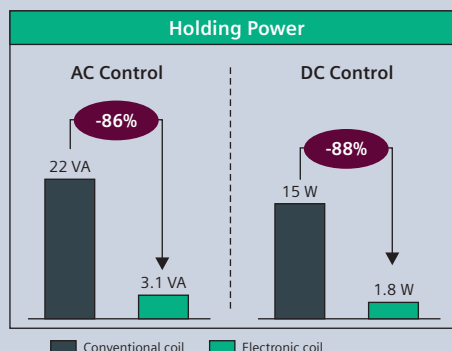
SIRIUS - Energy Efficient Contactor Portfolio (9A to 500A AC-3)

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

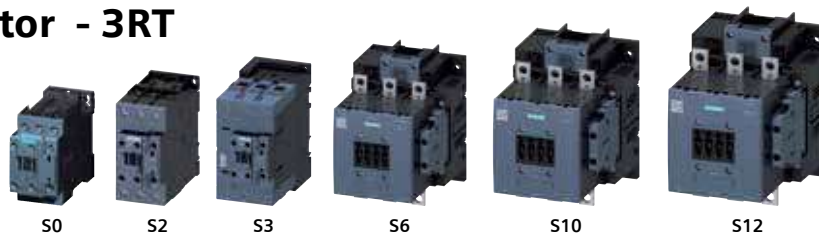
Typical Coil Consumption (Holding)

12-38A AC-3 3RT202.-1N..0			50-80A AC-3 3RT203.-1N..0			95-110A AC-3 3RT204.-1N..0		
	AC Control	DC Control		AC Control	DC Control		AC Control	DC Control
Size S0	1.9 VA	1.4 W	Size S2	2 VA	1 W	Size S3	3.1 VA	1.8 W

115-185A AC-3 3RT105.-6N.36			225-300A AC-3 3RT106.-6N.36			400-500A AC-3 3RT107.-6N.36		
	AC Control	DC Control		AC Control	DC Control		AC Control	DC Control
Size S6	3.5 VA	2.1 W	Size S10	5.5 VA	2.8 W	Size S12	5.6 VA	3 W

Energy Efficient Power Contactor - 3RT

(Electronic Coil - Universal AC/DC operation)



Screw terminals

Size	Surge Suppressor	AC-3 operational current I _e up to 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts		Type*	Unit LP ₹	Std. pkg. (nos.)
				NO	NC			
Extended operating range 0.7 to 1.3 x U _s								
S0	Varistor integrated	9	4	1	1	3RT2023-1N..0	7340.-	1
		12	5.5	1	1	3RT2024-1N..0	8615.-	1
		17	7.5	1	1	3RT2025-1N..0	9675.-	1
		25	11	1	1	3RT2026-1N..0	13625.-	1
		32	15	1	1	3RT2027-1N..0	27900.-	1
		38	18.5	1	1	3RT2028-1N..0	32325.-	1
Extended operating range 0.8 to 1.1 x U _s								
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)



Screw terminals

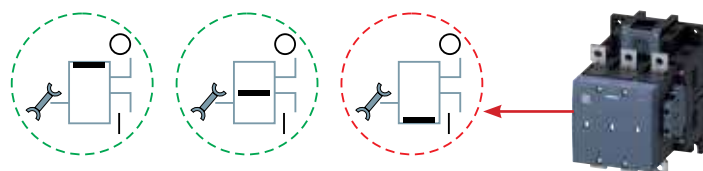
Size	Surge Suppressor	AC-3 Operational Current le up to 415V A	Rating of induction motor at 50 Hz and 415V	Auxiliary contacts		Type*	Unit LP ₹	Std. pkg. (nos.)
				NO	NC			
Rated control supply voltage Us =24 V DC, Operating range 0.7 to 1.25 x Us, Holding power consumption 2.8W at 24V DC								
S00	Built in suppressor Diode	7	3	1	–	3RT2015-1KB41	5150.-	1
				–	1	3RT2015-1KB42	5150.-	1
		9	4	1	–	3RT2016-1KB41	5855.-	1
				–	1	3RT2016-1KB42	5855.-	1
		12	5.5	1	–	3RT2017-1KB41	6040.-	1
				–	1	3RT2017-1KB42	6040.-	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	7170.-	1
		17	7.5	1	1	3RT2025-1KB40	10945.-	1
		25	11	1	1	3RT2026-1KB40	13205.-	1
		32	15	1	1	3RT2027-1KB40	22350.-	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	39290.-	1
		65	30	1	1	3RT2037-1KB40	44125.-	1
		80	37	1	1	3RT2038-1KB40	52620.-	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	65790.-	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 I _e (A) AC3 up to 415V	Type [€]	Unit LP ₹	Std. pkg. (nos.)
10	225	3RT1264-6A..6	318295.-	1
10	265	3RT1265-6A..6	375980.-	1
10	300	3RT1266-6A..6	411830.-	1
12	400	3RT1275-6A..6	520690.-	1
12	500	3RT1276-6A..6	676625.-	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) I _e 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..	823990.-	1	3NO + 3NC	3TF6833-1D.. ¹⁾	921250.-	1
	820	450	4NO + 4NC	3TF6944-0C..	1224240.-	1	3NO + 3NC	3TF6933-1D.. ¹⁾	1407125.-	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 I _e up to 415 V ¹⁾ A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	Rated control supply voltage U _c 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	1NO+1NC	96...127	3RT1054-1PF35	98655.-	1
			1NO+1NC	220...277	3RT1054-1PP35	98655.-	
	150	75	1NO+1NC	96...127	3RT1055-6PF35	115075.-	1
			1NO+1NC	220...277	3RT1055-6PP35	115075.-	
	185	90	1NO+1NC	96...127	3RT1056-6PF35	135965.-	1
			1NO+1NC	220...277	3RT1056-6PP35	135965.-	
S10	225	110	1NO+1NC	96...127	3RT1064-6PF35	142655.-	1
			1NO+1NC	220...277	3RT1064-6PP35	142655.-	
	265	132	1NO+1NC	96...127	3RT1065-6PF35	168965.-	1
			1NO+1NC	220...277	3RT1065-6PP35	168965.-	
	300	160	1NO+1NC	96...127	3RT1066-6PF35	197815.-	1
			1NO+1NC	220...277	3RT1066-6PP35	197815.-	
S12	400	200	1NO+1NC	96...127	3RT1075-6PF35	223980.-	1
			1NO+1NC	220...277	3RT1075-6PP35	223980.-	
	500	250	1NO+1NC	96...127	3RT1076-6PF35	331940.-	1
			1NO+1NC	220...277	3RT1076-6PP35	331940.-	

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



LEDs on the contactor

LED-Displays	new	60%	40%	20%
green	RLT	RLT	RLT	RLT
green	60%	60%	60%	60%
orange	40%	40%	40%	40%
red	20%	20%	20%	20%
	OReset	OReset	OReset	OReset

RLT contactor



3 Pole AC1 Duty Contactors



Size	AC-1 operational current I _e 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	46995.-	1	3RT2446-1N..0	59725.-	1

Size	AC-1 operational current I _e up to 690V A	Auxiliary Contacts	Type [€]	Unit LP ₹	Std. pkg. (nos.)
S6	275	2NO+2NC	3RT1456-6A..68K	116030.-	1
S10	400	2NO+2NC	3RT1466-6A..68K	158275.-	1
S12	690	2NO+2NC	3RT1476-6A..68K	328315.-	1

4 Pole Power Contactors

With 4NO main contacts



Contactor size	Rated current I _e (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	5705.-	1	3RT2316-1B..0	9255.-	1
	22	–	–	3RT2317-1A..0	5905.-	1	3RT2317-1B..0	9865.-	1
S0	35	1	1	3RT2325-1A..0	6590.-	1	3RT2325-1B..0	11800.-	1
	40	1	1	3RT2326-1A..0	10225.-	1	3RT2326-1B..0	18180.-	1
	50	1	1	3RT2327-1A..0	12370.-	1	3RT2327-1B..0	23165.-	1
S2	60	1	1	3RT2336-1A..0	27255.-	1	3RT2336-1N..0 [€]	33850.-	1
	110	1	1	3RT2337-1A..0	45630.-	1	3RT2337-1N..0 [€]	51090.-	1
S3	140	1	1	3RT2346-1A..0	50745.-	1	3RT2346-1N..0 [€]	65600.-	1
	160	1	1	3RT2348-1A..0	58845.-	1	3RT2348-1N..0 [€]	69740.-	1

With 4NO main contacts



Size	AC-1 operational current I _e up to 690V A	Auxiliary Contacts	Type [€]	Unit LP ₹	Std. pkg. (nos.)
S6	200	2NO+2NC	3RT1355-6A..6	99720.-	1
S10	275	2NO+2NC	3RT1363-6A..6	147450.-	1
	350	2NO+2NC	3RT1364-6A..6	189465.-	1
S12	400	2NO+2NC	3RT1373-6A..6	219720.-	1
	500	2NO+2NC	3RT1374-6A..6	266150.-	1
	525	2NO+2NC	3RT1375-6A..6	296955.-	1

With 2NO+2NC main contacts



size	AC-1 operational current I _e 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	6040.-	1	3RT2516-1B..0	7865.-	1
	22	–	–	3RT2517-1A..0	7100.-	1	3RT2517-1B..0	11590.-	1
S0	40	1	1	3RT2526-1A..0	11945.-	1	3RT2526-1B..0	21600.-	1
S2	60	1	1	3RT2535-1A..0	31345.-	1	3RT2535-1N..0 [€]	40915.-	1
	70	1	1	3RT2536-1A..0	40440.-	1	3RT2536-1N..0 [€]	46430.-	1
S3	100	1	1	3RT2544-1A..0	45305.-	1	3RT2544-1N..0 [€]	53540.-	1
	125	1	1	3RT2545-1A..0	50455.-	1	3RT2545-1N..0 [€]	63565.-	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

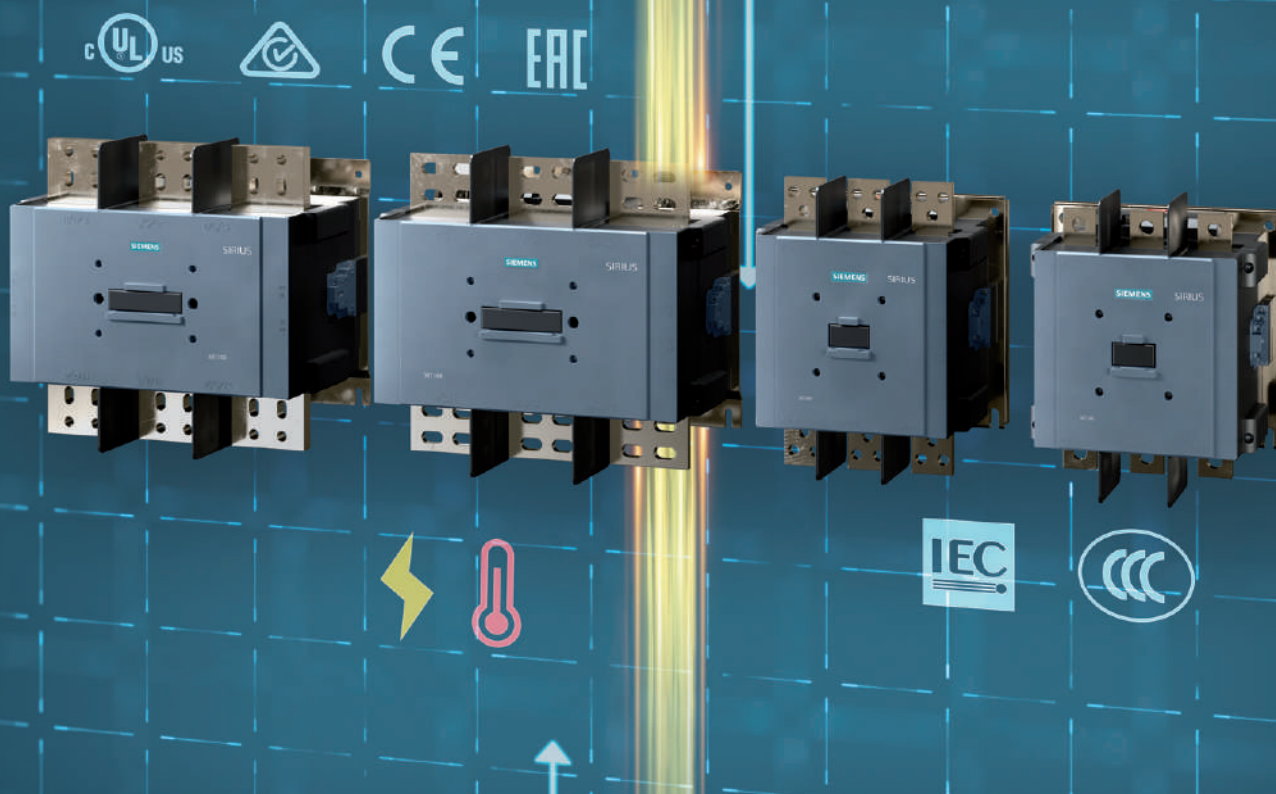
€ - Universal operation AC / DC

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

SIEMENS



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

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

03

Maximum Safety level

Certified inputs enables devices to be used up to the highest safety level (SIL 3 / PL e)

02

Time & Cost saving

Reduced wiring and configuration efforts
Cost optimization of additional coupling level

04

Everything from single source

Complements safety solutions offered by the SIRIUS modular system

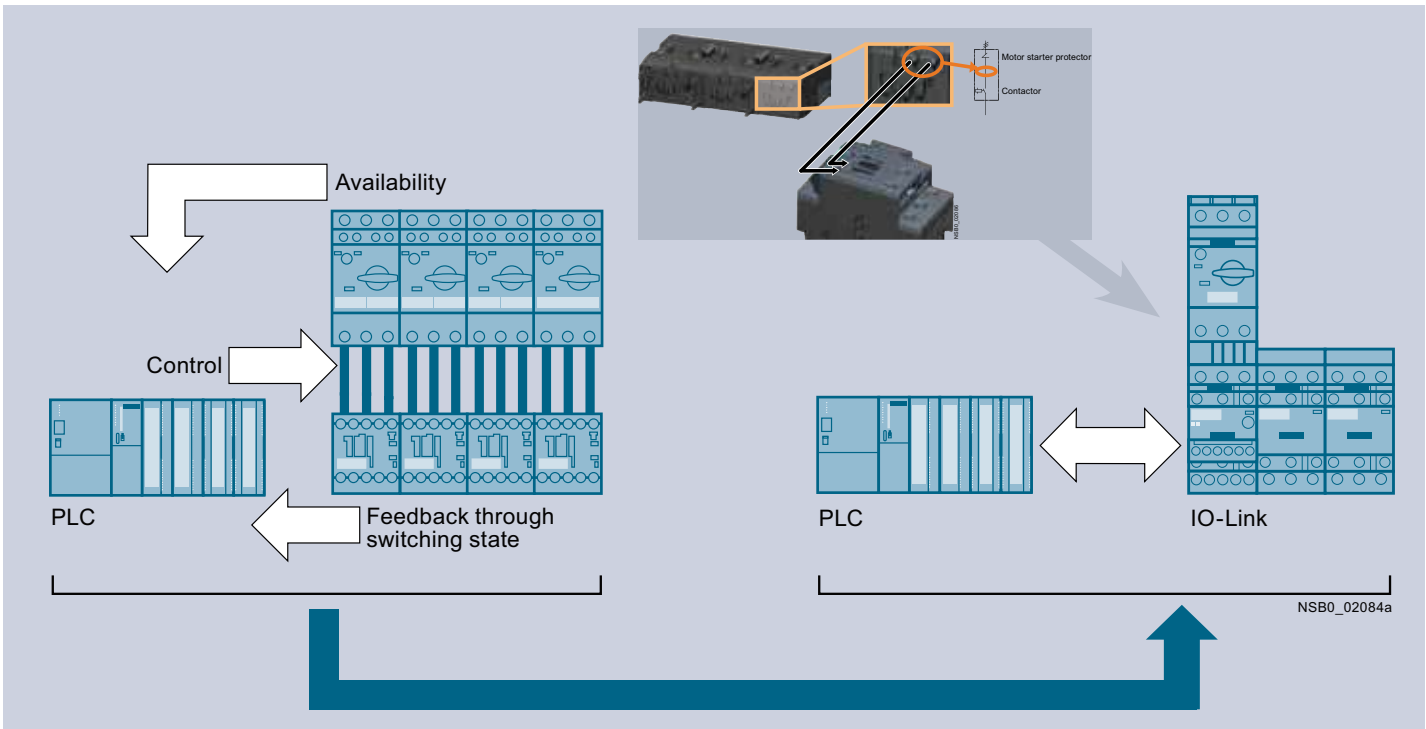


SIRIUS Innovation Contactors with fail-safe input

Size	AC-3 operational current I _e up to 415V A	Motor rating at 415V, 50Hz kW	Permanently Mounted Auxiliary Contacts	Rated control supply voltages U _s AC/DC	Type	Unit LP ₹	Std Pkg. (nos.)
S6	115	55	2NO+2NC	96...127	3RT1054-6SF36-3PA0	91045.-	1
				220...227	3RT1054-6SP36-3PA0	91045.-	
	150	75	2NO+2NC	96...127	3RT1055-6SF36-3PA0	111065.-	1
				220...227	3RT1055-6SP36-3PA0	111065.-	
	185	90	2NO+2NC	96...127	3RT1056-6SF36-3PA0	130505.-	1
				220...227	3RT1056-6SP36-3PA0	130505.-	
S10	225	110	2NO+2NC	96...127	3RT1064-6SF36-3PA0	142020.-	1
				220...227	3RT1064-6SP36-3PA0	142020.-	
	265	132	2NO+2NC	96...127	3RT1065-6SF36-3PA0	170050.-	1
				220...227	3RT1065-6SP36-3PA0	170050.-	
	300	160	2NO+2NC	96...127	3RT1066-6SF36-3PA0	197400.-	1
				220...227	3RT1066-6SP36-3PA0	197400.-	
S12	400	200	2NO+2NC	96...127	3RT1075-6SF36-3PA0	227390.-	1
				220...227	3RT1075-6SP36-3PA0	227390.-	
	500	250	2NO+2NC	96...127	3RT1076-6SF36-3PA0	324890.-	1
				220...227	3RT1076-6SP36-3PA0	324890.-	

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

Communication capable Power Contactors



Rated control supply voltage $U_s = 24\text{ V DC}$
Screw terminals

Size	AC-3 Operational Current I_e 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	5445.-	1
			1NC	3RT2015-1BB42-0CC0		
	9	4	1NO	3RT2016-1BB41-0CC0	5930.-	1
			1NC	3RT2016-1BB42-0CC0		
	12	5.5	1NO	3RT2017-1BB41-0CC0	6820.-	1
			1NC	3RT2017-1BB42-0CC0		
S0	16	7.5	1NO	3RT2018-1BB41-0CC0	8070.-	1
			1NC	3RT2018-1BB42-0CC0		
	9	4	1NO + 1NC	3RT2023-1BB40-0CC0	7225.-	1
	12	5.5	1NO + 1NC	3RT2024-1BB40-0CC0	7940.-	1
	17	7.5	1NO + 1NC	3RT2025-1BB40-0CC0	11125.-	1
	25	11	1NO + 1NC	3RT2026-1BB40-0CC0	13450.-	1
	32	15	1NO + 1NC	3RT2027-1BB40-0CC0	22500.-	1
	38	18.5	1NO + 1NC	3RT2028-1BB40-0CC0	31095.-	1

*For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' for S00, S0
€ - Universal operation 20...33V AC / DC

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 \$	13495.-	1
50	3RF3150-1AA45 \$	18720.-	1
90	3RF3190-1AA45 \$	25725.-	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	665.-	1
	—	1	3RH2911-1HA01		1
	2	—	3RH2911-1HA20	930.-	1
	1	1	3RH2911-1HA11		1
	—	2	3RH2911-1HA02		1
	2	2	3RH2911-1HA22	1655.-	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	1980.-	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					Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	—	—	—	3RH1921-1CA10	515.-	10
	—	1	—	—	3RH1921-1CA01		10
	—	—	1	—	3RH1921-1CD10	1000.-	10
	—	—	—	1	3RH1921-1CD01		10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	—	—	—	3RH1921-1EA20	2150.-	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	2150.-	1
	1	1	—	—	3RH1921-1KA11		1
	—	2	—	—	3RH1921-1KA02		1

Delayed actuation



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

Surge suppressors

Screw and spring terminals

Size	For Contactor	Version	AC Operation	DC Operation	Type	Unit LP ₹	Std. pkg. (nos.)
			Rated control supply voltage (U _s)				
			V AC	V DC			
for 3RH2 & 3RT2 Size S00							
S00	3RT2.1 & 3RH2.	Varistors (with LED)	24 ... 48	12 ...24	■ 3RT2916-1JJ00	1525.-	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
		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	2000.-	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	2355.-	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	2355.-	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	2355.-	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

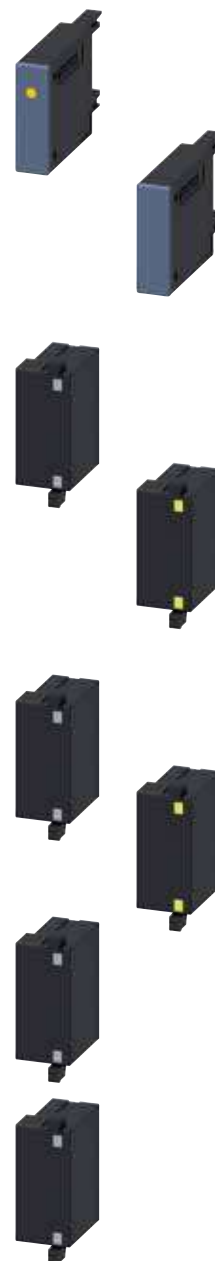
Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00, S0, S2, S3	3RT2 & 3RH2®	3RT2916-4MA10	480.-	1 pack = 5 units

® 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	3120.-	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	870.-	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	4680.-	1
S00, S0, S2, S3	3RT2	onto the contactors	3RH2914-1GP11	4775.-	1



LED modules for indicating the contactor function

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00 - S3	3RT2	3RT2926-1QT00	1590.-	1 pack = 5 units



Links for paralleling

Size	For Contactor	Version	Max. Conductor cross-sections mm ²	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT20 1	3-Pole with connection terminal	25 (stranded)	3RT1916-4BB31	1065.-	1
S0	3RT20 2		50 (stranded)	3RT2926-4BB31	1805.-	1
S2	3RT20 3		120 (stranded)	3RT1936-4BB31	2125.-	1
S3	3RT20 4		185 (stranded)	3RT1946-4BB31	5820.-	1
S00	3RT23 1 & 3RT25 1	4-Pole with connection terminal	25 (stranded)	3RT1916-4BB41	1605.-	1



Screw adapters for easy screw fixing

2 units required per contactor

Size	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT1926-4P	75.-	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	10625.-	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	6750.-	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	10695.-	1
		1NO + 1NC			3RA2813-1FW10		1
OFF-Delay <u>without</u> auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2815-1AW10	12750.-	1
		1NO + 1NC			3RA2815-1FW10		1
OFF-Delay <u>with</u> auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2814-1AW10	14505.-	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_c 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	11625.-	1
OFF-Delay with auxiliary voltage		–	24 ... 240 VAC/DC	0.05 ... 100	3RA2812-1DW10	13700.-	1

Cannot be fitted onto coupling relays.

Also available for 3RT2 S2 & S3 on request

Version	SIRIUS function modules		SIRIUS function modules for IO-Link	
	A	Unit LP ₹	B	Unit LP ₹
Direct on line starting (S00, S0, S2, S3)	*Pls refer above table for type reference (Solid state timer block with semiconductor output)		3RA2711-1AA00*	12480.-
Reversing starting (S00, S0, S2, S3)	for complete feeder refer page no. 23-24		3RA2711-1BA00*	23540.-
Star delta starting (S00, S0, S2, S3)	3RA2816-0EW20	22100.-	3RA2711-1CA00*	36420.-

*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 _c)				
		V AC	V DC			
S6, S10, S12	RC Elements*	24 ... 48	24 ... 70	3RT1956-1CB00	4130.-	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



Contactors 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	3975.-	1
		For round and ribbon cables (up to 120 mm ²)	3RT1956-4G	5625.-	1
		Auxiliary conductor connection for box terminals	3TX7500-0A	2215.-	1
S10 / S12	3RT106 & 3RT107	Up to 240 mm ² with auxiliary conductor connection	3RT1966-4G	15905.-	1



Covers

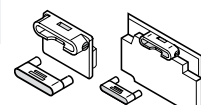
Terminal covers for box terminals

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT204	3 Pole	3RT2946-4EA2	1305.-	1
S6	3RT105	Length of 25 mm	3RT1956-4EA2	2125.-	1
S10 / S12	3RT106 & 3RT107	Length of 30 mm	3RT1966-4EA2	3740.-	1
Terminal covers for cable lugs and busbar connection					
S3	3RT204	Length of 55 mm	3RT1946-4EA1	1900.-	1
S6	3RT105	Length of 100 mm	3RT1956-4EA1	3630.-	1
S10 / S12	3RT106 & 3RT107	Length of 120 mm	3RT1966-4EA1	4775.-	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	3180.-	1
For busbar cover of the flat line connectors for reversing and wye-delta assemblies					
S6	3RT105	Length of 38 mm	3RT1956-4EA4	2930.-	1



Sealable Covers

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S6, S10, S12	3RT105, 3RT106 & 3RT107	3RT1926-4MA10	220.-	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	5820.-	1
S6	3RT1		3RT1956-4BA31	3180.-	1
S10 / S12	3RT1		3RT1966-4BA31	4230.-	1



Accessories for 3RT12

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Line voltage surge suppressors			
Up to 690V AC	3RT1966-1PV3	19020.-	1
Up to 1000V AC	3RT1966-1PV4	27790.-	1
Auxiliary contact blocks			
second, 2NO	3RH1921-1KA20	2150.-	1
second, 1NO+1NC	3RH1921-1KA11		1
second, 2NC	3RH1921-1KA02		1
Mechanical interlock mechanism	3RA1954-2A	6075.-	1
Coil surge suppressor			
RC element, for 110V-127V coil	3RT1956-1CC00	4130.-	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	1055.-	1
S0-S0	3RA2922-2H	Mechanical interlock & 2 Connecting Clips	1055.-	1
S2-S2 ¹⁾	3RA2934-2B	Mechanical interlock	1200.-	1
	3RA2932-2G	2x Connecting Clips	590.-	10
S3-S3 ¹⁾	3RA2934-2B	Mechanical interlock	1200.-	1
	3RA2942-2G	2x Connecting Clips	675.-	10

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

Mechanical interlock for 3RT13

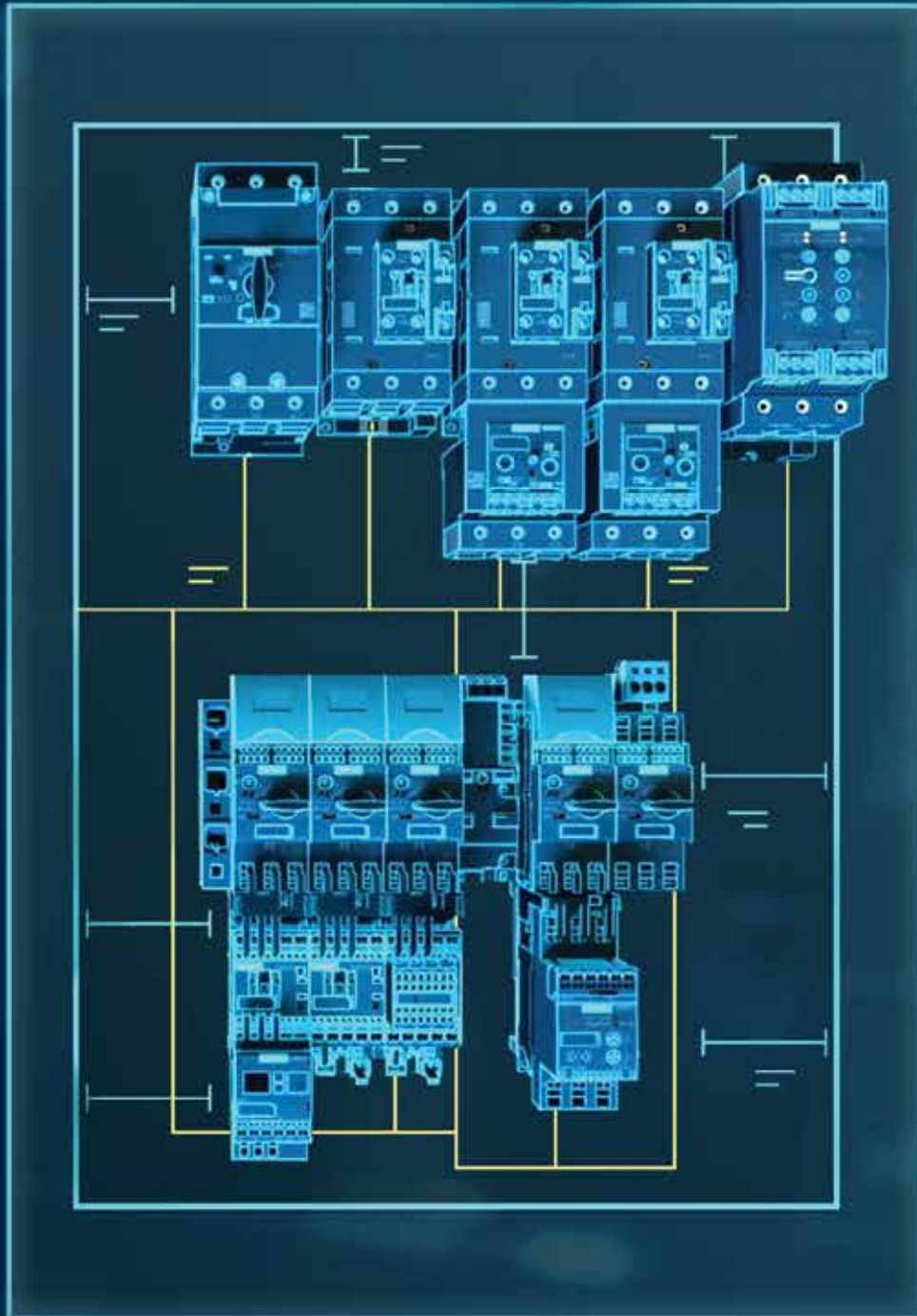
Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6-S6	3RA1954-3A	Mechanical interlock for 3RT13	6075.-	1
S10-S10				
S12-S12				

Terminal Covers for 3RT13

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6	3RT1956-4EB10	for 3RT135..	5365.-	1
S10	3RT1966-4EB10	for 3RT136..		
S12	3RT1976-4EB10	for 3RT13..		



Save up to 30%
more space using compact
switching devices



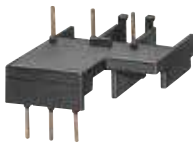
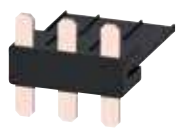


3RA Load Feeders



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		+	 3RT2 AC and DC coil	+	 3RA1921-1DA00	+	Not required	
(S00, S0) / S0		+	 3RT2 AC coil DC coil	+	 3RA2921-1AA00 3RA2921-1BA00	+	Not required	
S2 / S2		+	 3RT2 AC and DC coil	+	 3RA2931-1AA00	+	 3RA2932-1AA00 (Optional)	
S3 / S3		+	 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	1120.-	1
	S2	S2	3RA2931-1AA00	3690.-	1
	S3	S3	3RA1941-1AA00	3780.-	1
AC	S0	S00/S0	3RA2921-1AA00	1120.-	1
DC	S0	S00/S0	3RA2921-1BA00	1120.-	1

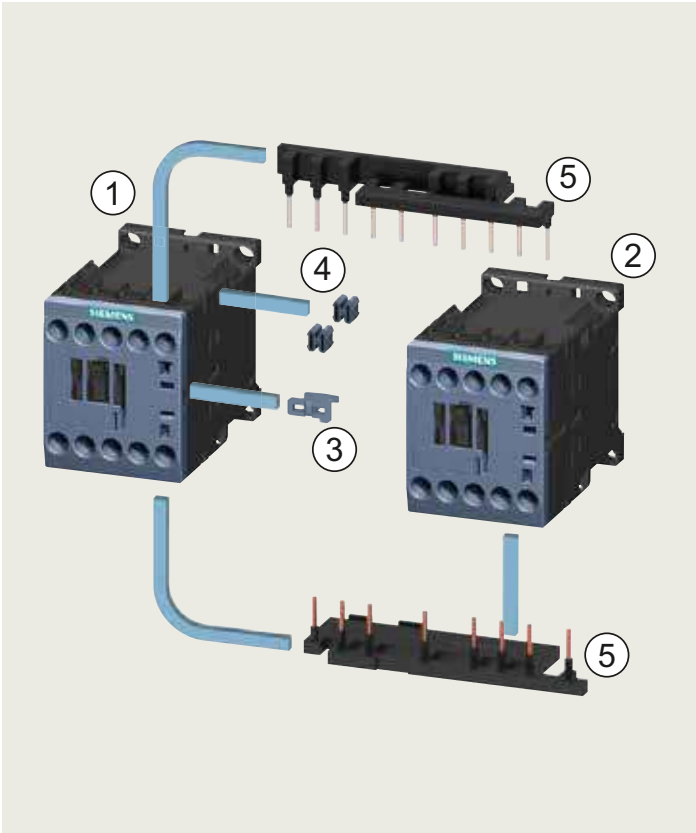
Standard mounting rail adaptor

Size of MPCB	Size of contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S2	S2	3RA2932-1AA00	3830.-	1
S3	S3	3RA2942-1AA00	5250.-	1

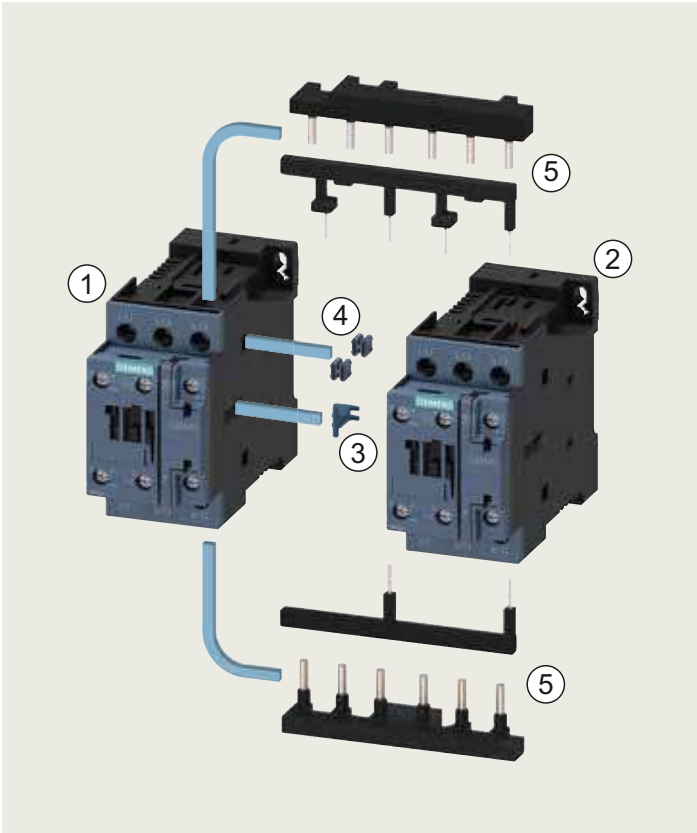
Accessories for 3RT2 Contactors

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

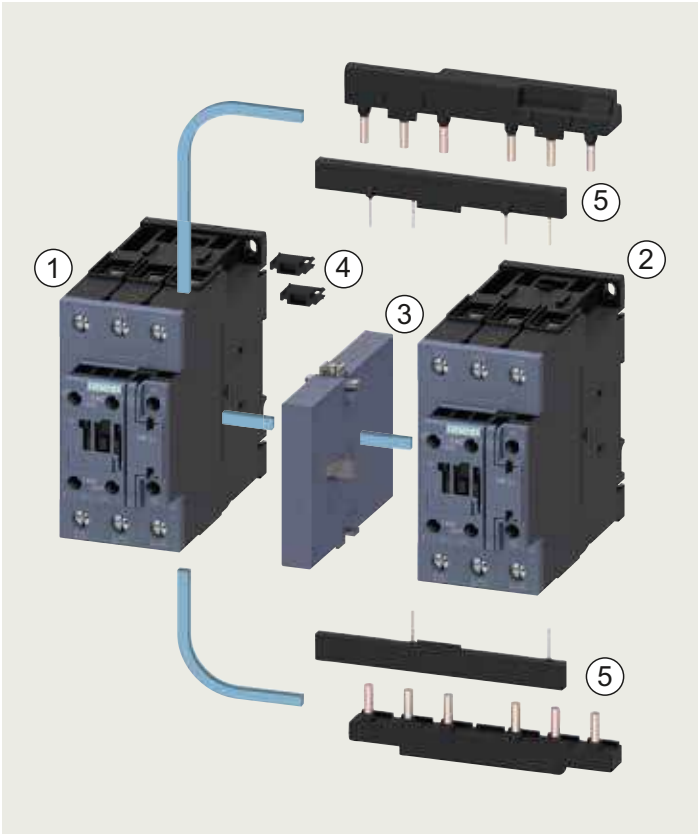
S. No.	Description	Contactor Size	Type*	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3, 4, 5	<u>Assembly Kit</u> Each kit contains: Mechanical interlock, 2 Connecting clips for 2 contactors, wiring modules on the top & bottom	S00-S00	3RA2913-2AA1	2150.-	1 Unit
		S0-S0	3RA2923-2AA1	3225.-	
3, 4	Each set contains: Mechanical interlock & 2 Connecting clips	S00-S00	3RA2912-2H	1055.-	1 pack (1 pack = 10 Sets)
		S0-S0	3RA2922-2H	1055.-	

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



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	3565.-	1 Unit
		S3 - S3	3RA2943-2AA1	7120.-	1 Unit
3	Mechanical interlock	S2 - S2	3RA2934-2B	1200.-	1 Unit
		S3 - S3			
4	Connecting Clips for 3 Pole Contactors Two connectors for two contactors	S2 - S2	3RA2932-2C	590.-	10 Unit
		S3 - S3	3RA2932-2D	590.-	

* Assembly kit only available for 3 Pole contactors only



4, 5



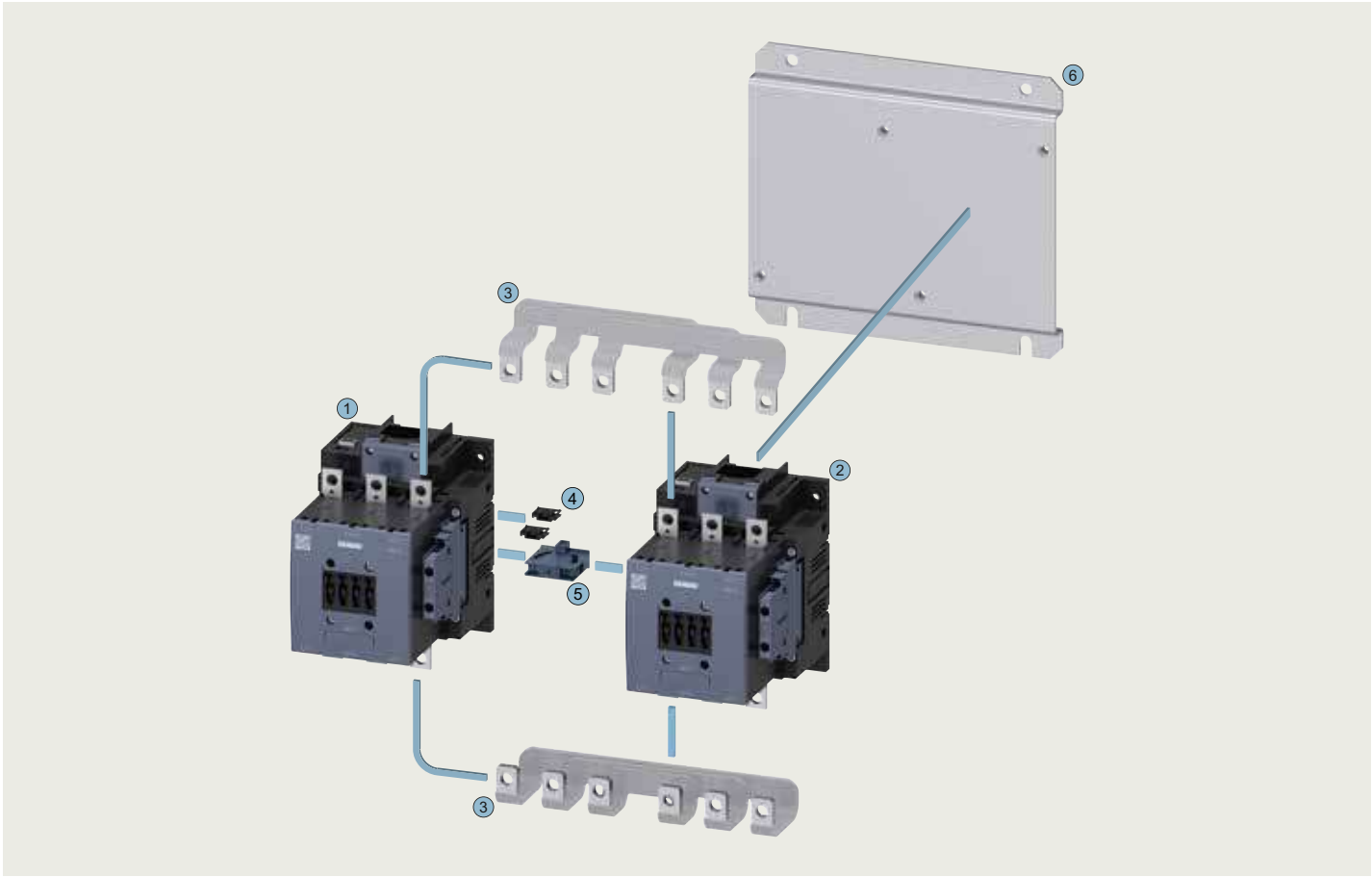
3



4

Accessories for 3RT1 Contactors

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



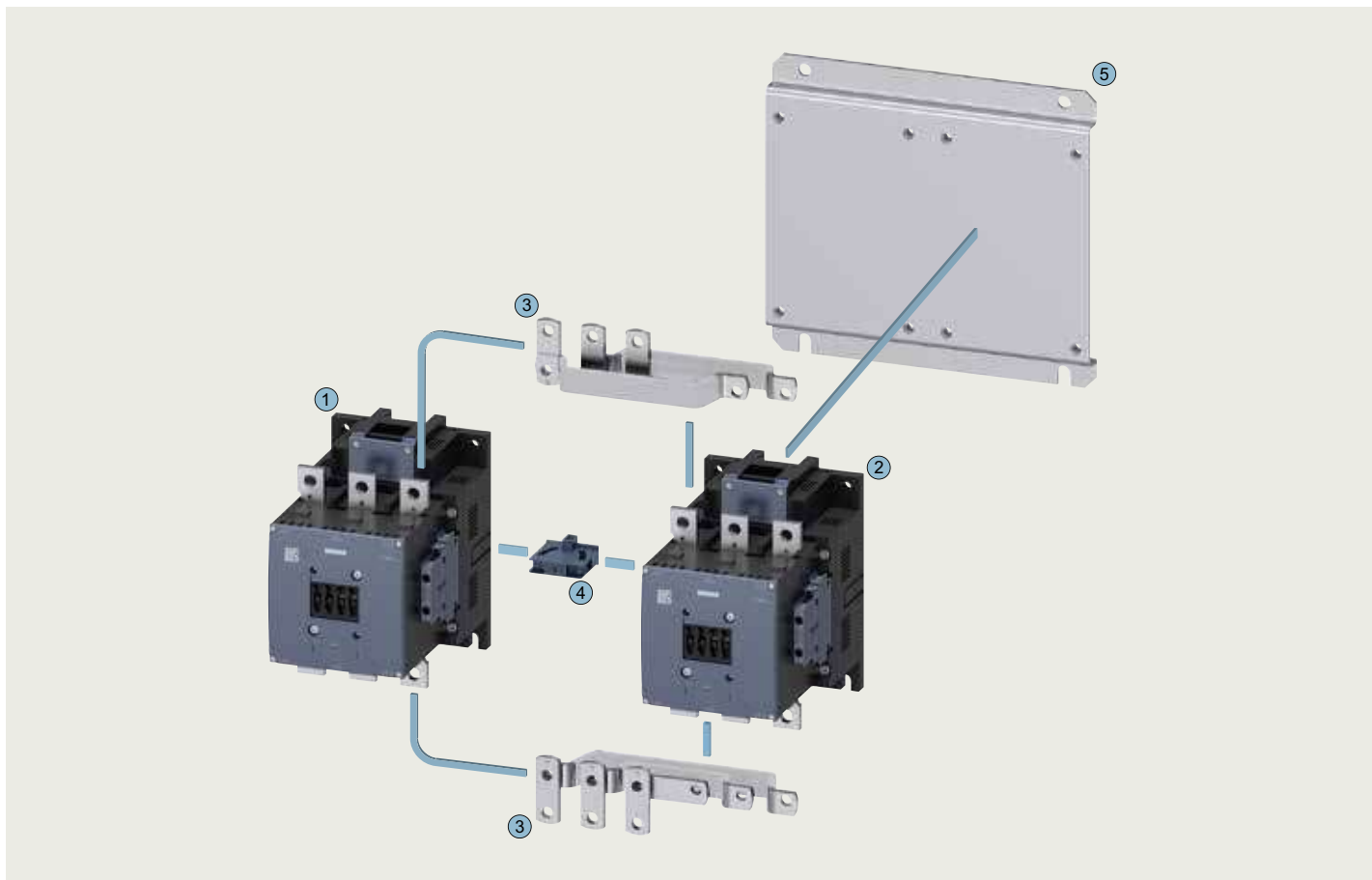
Individual Components

- 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 <u>contactors without box terminals</u> for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S6 - S6	3RA1953-2A	49155.-	1 Unit
4	Two connectors for two contactors	S6 - S6	3RA1932-2D	565.-	1 Pack (1 pack = 10 sets)
5	Mechanical interlock	S6 - S6	3RA1954-2A	6075.-	1 Unit
6	Base plate for reversing contactor assemblies	S6 - S6	3RA1952-2A	9180.-	1 Unit

Accessories for 3RT1 Contactors

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



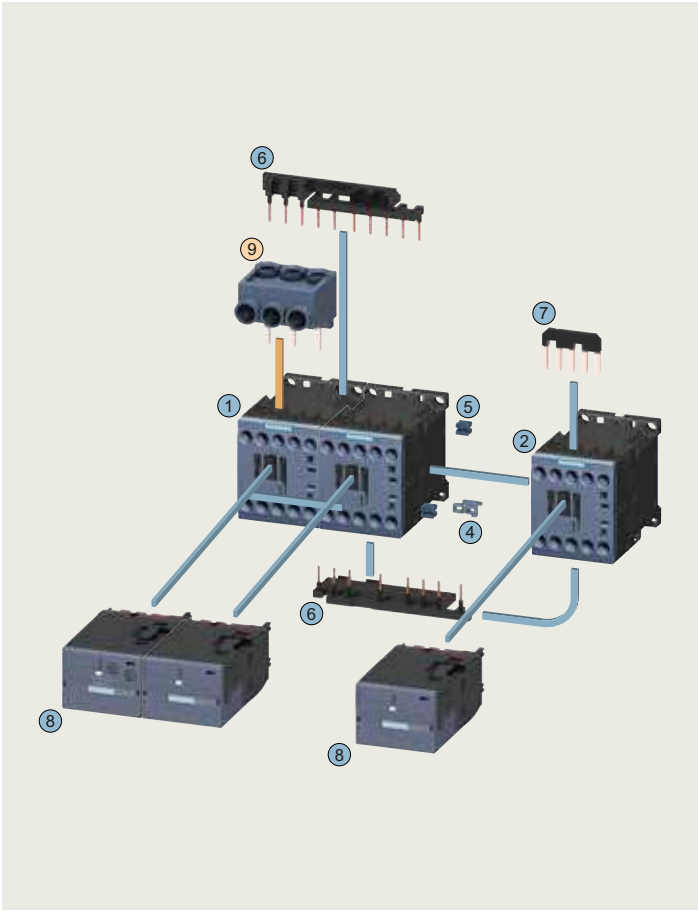
Individual Components

- 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	<u>Assembly Kit</u> Each kit contains: Wiring modules on the top & bottom for <u>contactors without box terminals</u> for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S10 - S10	3RA1963-2A	52415.-	1 Unit
		S12 - S12	3RA1973-2A	55700.-	1 Unit
4	Mechanical interlock	S10 - S10	3RA1954-2A	6075.-	1 Unit
		S12 - S12			
5	Base plate for reversing contactor assemblies	S10 - S10	3RA1962-2A	13770.-	1 Unit
		S12 - S12	3RA1972-2A	16055.-	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*	2190.-	1 Unit
8	3RT20 1	Function module	■ 3RA2816-0EW20	22100.-	1 Unit
9	3RT20 1	3-phase feeder terminal (for Screw type contactors only)	■ 3RA2913-3K	1600.-	5 Unit

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



4...7



8



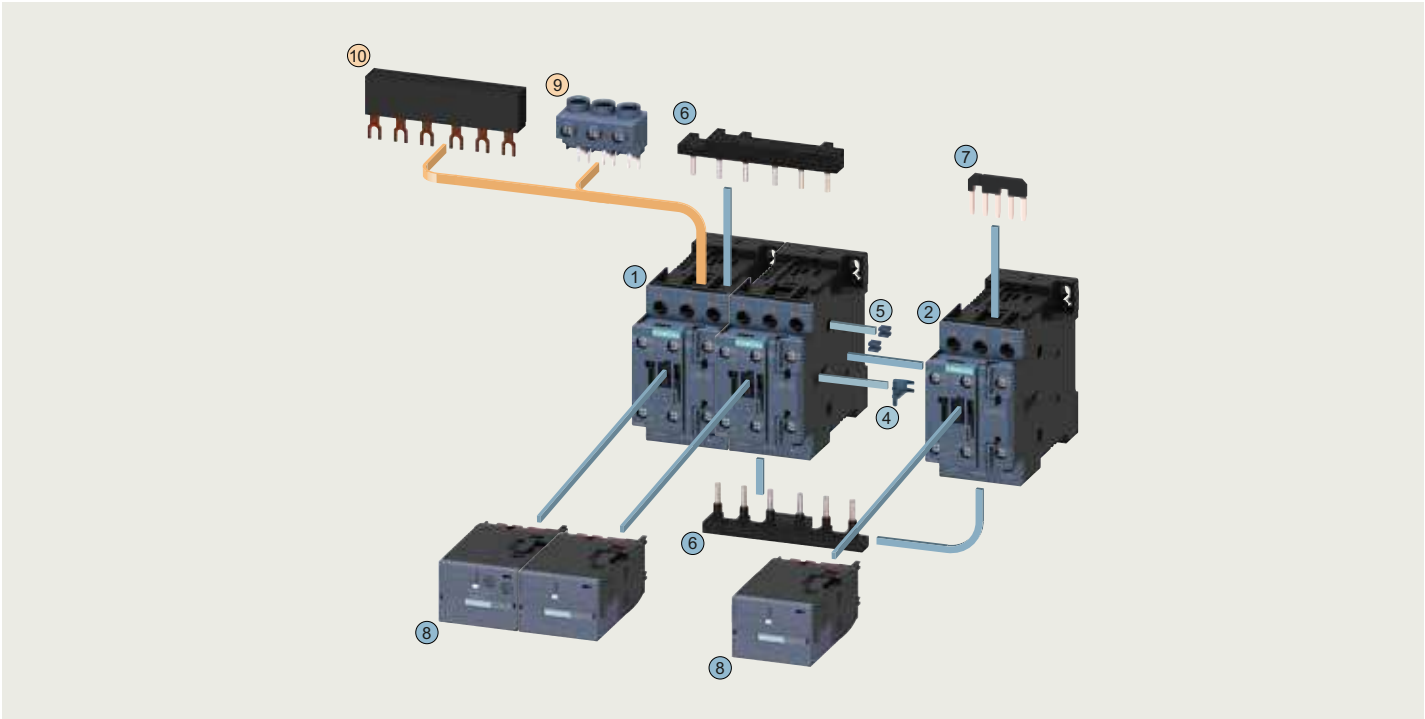
9

■ Stock items

LP - List Price

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*	3515.-	1 Unit
8	3RT20 2	Function module	■ 3RA2816-0EW20	22100.-	1 Unit
9	3RT20 2	3-phase feeder terminal (for Screw type contactors only)	■ 3RV2925-5AB	3670.-	1 Unit
10	3RT20 2	3-phase busbar (for Screw type contactors only)	■ 3RV1915-1AB	3115.-	1 Unit

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



4...7



8



9

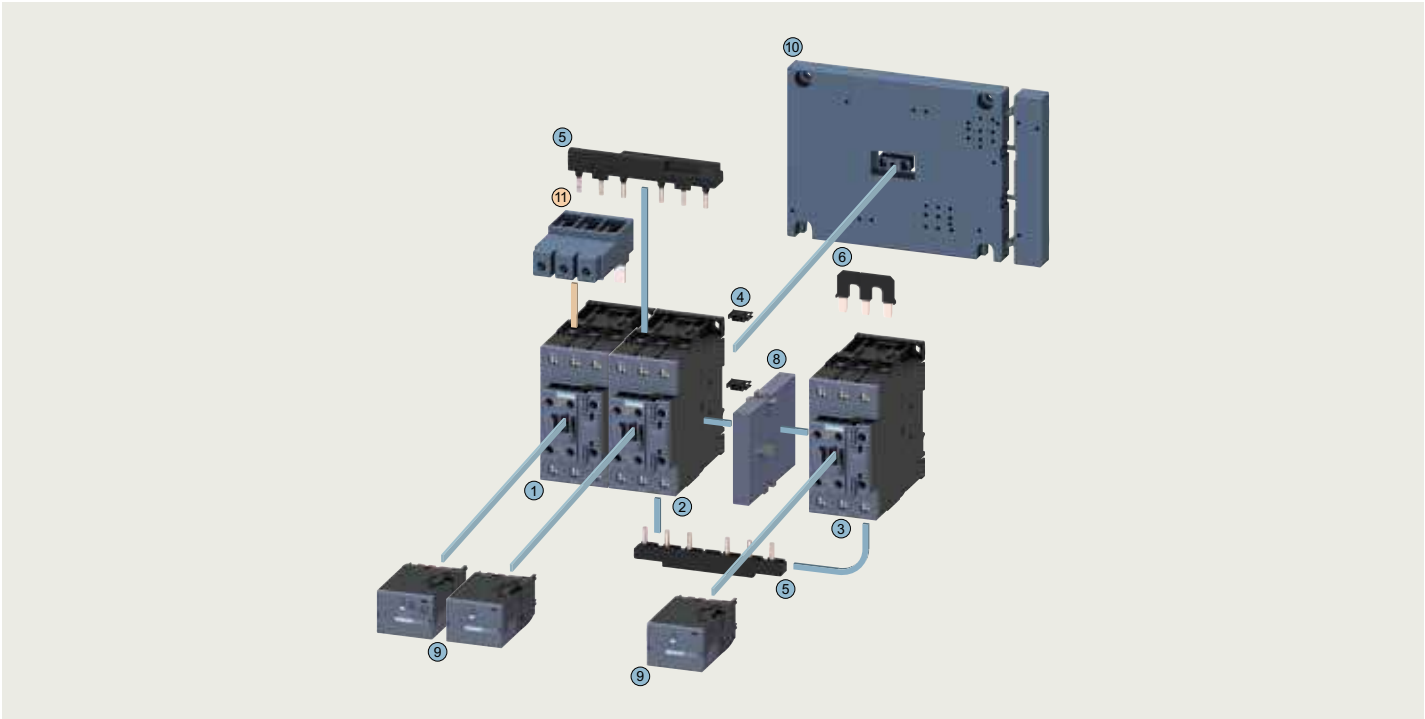


10

■ 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

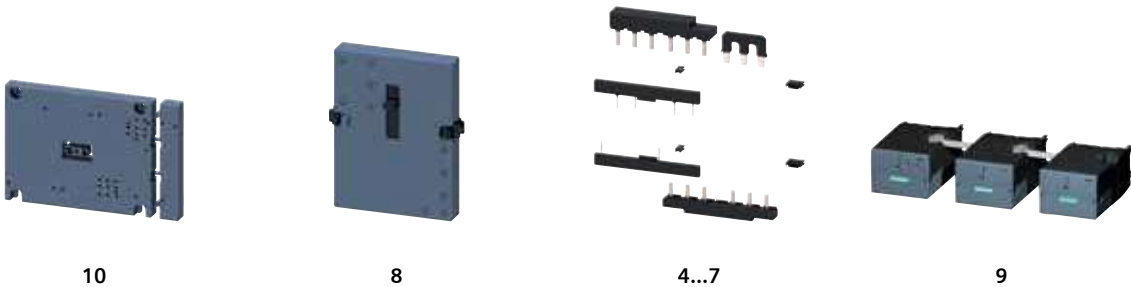
 Mechanical interlock
- ⑨

 Function modules for star-delta (wye-delta)
- ⑩

 Base plate star-delta
- ⑪

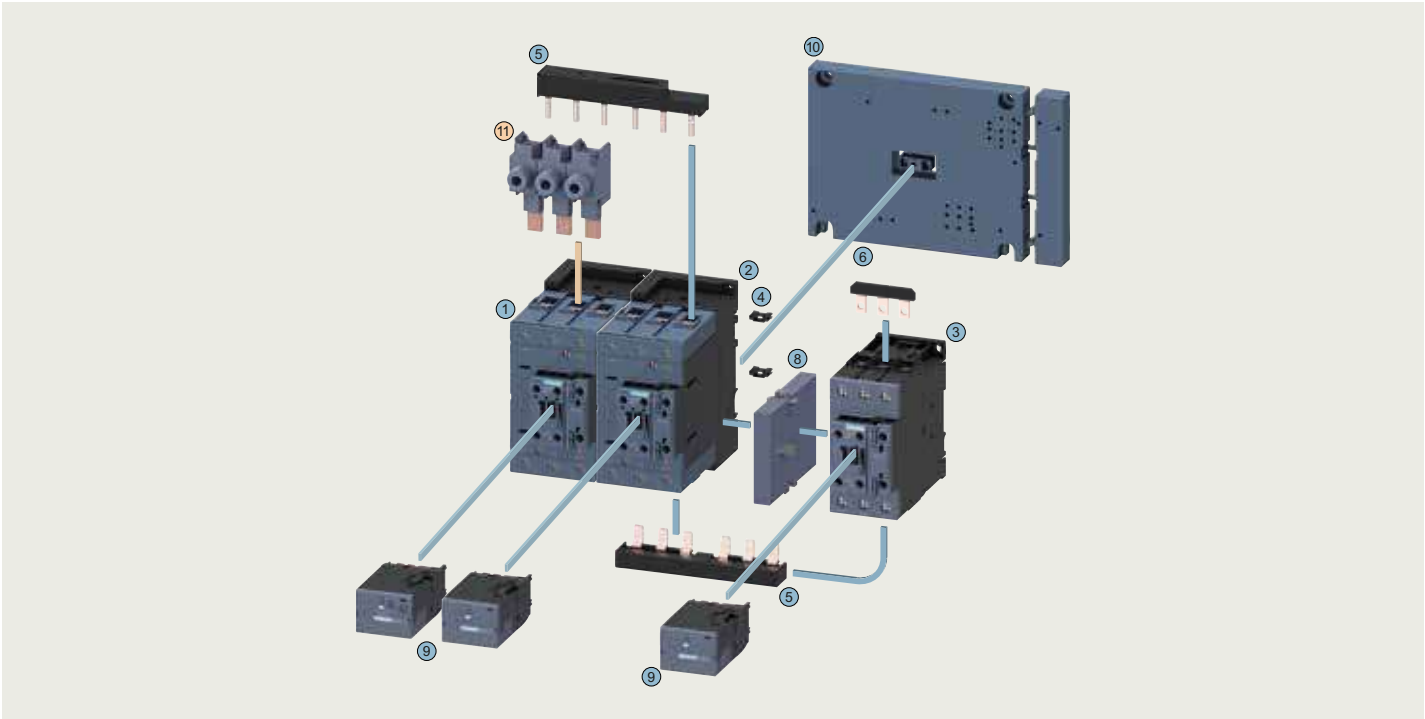
 3-phase feeder terminal

S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2932-2F	4550.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	1200.-	1 Unit
4...7	Assembly Kit: S2-S2-S2	3RA2933-2BB1	5320.-	1 Unit
	Assembly Kit: S2-S2-S0	3RA2933-2C	3905.-	1 Unit
9	Functional Module	3RA2816-0EW20	22100.-	1 Unit



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

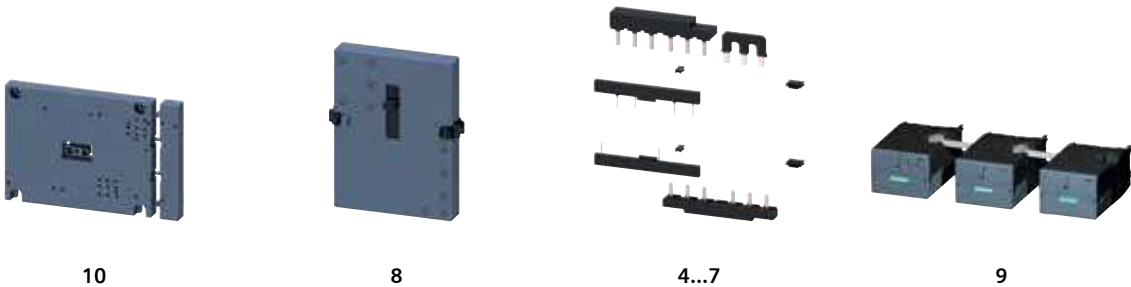
 Mechanical interlock
- ⑨

 Function modules for star-delta (wye-delta)
- ⑩

 Base plate star-delta
- ⑪

 3-phase feeder terminal

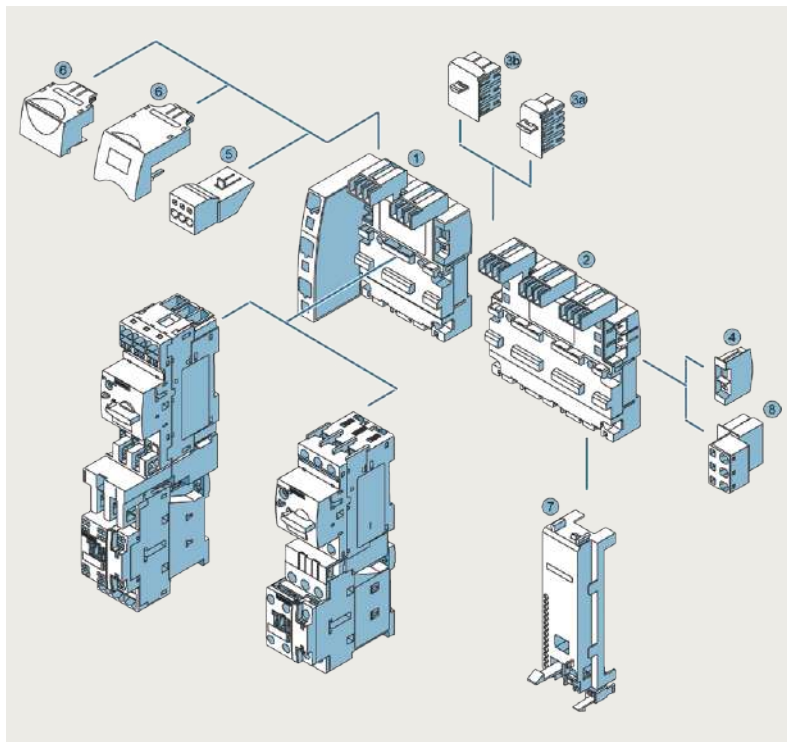
S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2942-2F	6370.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	1200.-	1 Unit
4...7	Assembly Kit: S3-S3-S3	3RA2943-2BB1	4900.-	1 Unit
	Assembly Kit: S3-S3-S2	3RA2943-2C	5430.-	1 Unit
9	Functional Module	3RA2816-0EW20	22100.-	1 Unit



■ Stock items

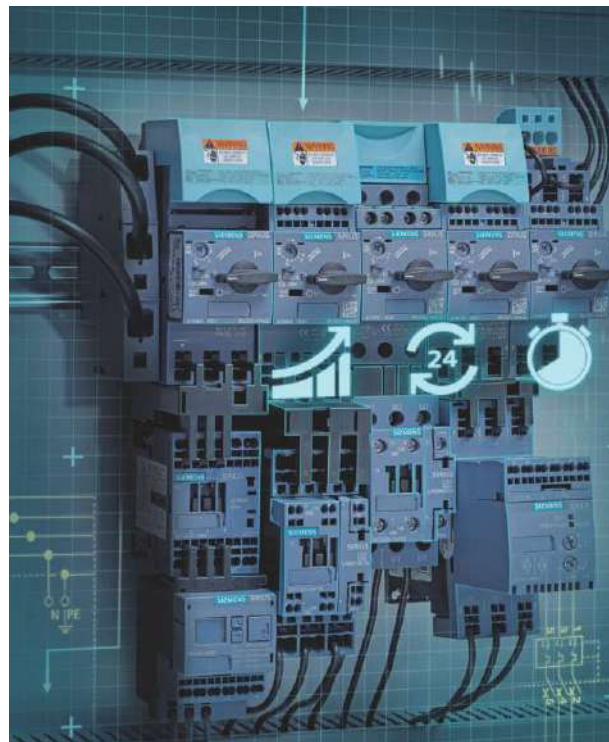
3RV29 Infeed system

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 | ⑤ Terminal block for device infeed |
| ② 3-phase busbar for system expansion | ⑥ Plug-in connector |
| ③a Expansion plug | ⑦ Contactor base |
| ③b Extra-wide expansion plug | ⑧ Terminal block |
| ④ End cover | |
- 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	4800.-	1
		For 2 motor starter protectors with screw or spring-type terminals With infeed on the Right	S00, S0	3RV2917-1E	4800.-	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	2890.-	1
		For 3 motor starter protectors with screw or spring-type terminals	S00, S0	3RV2917-4B	3865.-	1
③+	Expansion Plug (as spare part)			3RV2917-5BA00	980.-	1
	Extra-wide expansion plugs (as accessory)			3RV2917-5E	2170.-	1
④+	End covers (as spare part)			3RV2917-6A	125.-	10
⑤+	Terminal blocks	for device infeed		3RV2917-5FA00	3300.-	1
⑥*	Plug-in connectors to make contact with motor starter protectors	For spring-type terminals	S00	3RV2917-5AA00	850.-	1
			S0	3RV2927-5AA00	850.-	1
		For Screw-type terminals	S00	3RV2917-5CA00	850.-	1
			S0	3RV1927-5AA00	1015.-	1
⑦^	Contactor bases for mounting direct-on-line or reversing starters	For contactors	contactors S00, S0	3RV2927-7AA00	715.-	1
⑧+	Terminal blocks	for integration of single-phase, two-phase and three-phase components		3RV2917-5D	3465.-	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 I _e 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	13205.-	1	24	3RA2315-8XB30-1BB4	17505.-	1
	9	4	230	3RA2316-8XB30-1AP0	13920.-	1	24	3RA2316-8XB30-1BB4	18930.-	1
	12	5.5	230	3RA2317-8XB30-1AP0	14555.-	1	24	3RA2317-8XB30-1BB4	21165.-	1
	16	7.5	230	3RA2318-8XB30-1AP0	17245.-	1	24	3RA2318-8XB30-1BB4	22765.-	1
S0	12	5.5	230	3RA2324-8XB30-1AL2	17240.-	1	24	3RA2324-8XB30-1BB4	21200.-	1
	17	7.5	230	3RA2325-8XB30-1AL2	17625.-	1	24	3RA2325-8XB30-1BB4	24315.-	1
	25	11	230	3RA2326-8XB30-1AL2	21265.-	1	24	3RA2326-8XB30-1BB4	32245.-	1
	32	15	230	3RA2327-8XB30-1AL2	38990.-	1	24	3RA2327-8XB30-1BB4	63140.-	1
	38	18.5	230	3RA2328-8XB30-1AL2	54690.-	1	24	3RA2328-8XB30-1BB4	71395.-	1
S2	50	22	230	3RA2336-8XB30-1AL2	61665.-	1	20...33	3RA2336-8XB30-1NB3 [€]	94870.-	1
	65	30	230	3RA2337-8XB30-1AL2	82600.-	1	20...33	3RA2337-8XB30-1NB3 [€]	106025.-	1
	80	37	230	3RA2338-8XB30-1AL2	103790.-	1	20...33	3RA2338-8XB30-1NB3 [€]	125670.-	1
S3	95	45	230	3RA2346-8XB30-1AL2	129705.-	1	20...33	3RA2346-8XB30-1NB3 [€]	145850.-	1
	110	55	230	3RA2347-8XB30-1AL2	149095.-	1	20...33	3RA2347-8XB30-1NB3 [€]	160455.-	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 I _e 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	29630.-	1	24	3RA2415-8XF31-1BB4	34775.-	1
	17	7.5	230	3RA2416-8XF31-1AP0	31205.-	1	24	3RA2416-8XF31-1BB4	37865.-	1
	25	11	230	3RA2417-8XF31-1AP0	32700.-	1	24	3RA2417-8XF31-1BB4	40450.-	1
S0-S0-S0	25	11	230	3RA2423-8XF32-1AL2	36605.-	1	24	3RA2423-8XF32-1BB4	45090.-	1
	32/40	15/18.5	230	3RA2425-8XF32-1AL2	42100.-	1	24	3RA2425-8XF32-1BB4	134915.-	1
	50	22	230	3RA2426-8XF32-1AL2	61015.-	1	24	3RA2426-8XF32-1BB4	90365.-	1
S2-S2-S0	50/65	22/30	230	3RA2434-8XF32-1AL2	82390.-	1	20...33	3RA2434-8XF32-1NB3 [€]	123740.-	1
	80	37	230	3RA2435-8XF32-1AL2	85975.-	1	20...33	3RA2435-8XF32-1NB3 [€]	141165.-	1
	86	45	230	3RA2436-8XF32-1AL2	103380.-	1	20...33	3RA2436-8XF32-1NB3 [€]	152095.-	1
S2-S2-S2	115	55	230	3RA2437-8XF32-1AL2	126005.-	1	20...33	3RA2437-8XF32-1NB3 [€]	164170.-	1
	150	75	230	3RA2445-8XF32-1AL2	138015.-	1	20...33	3RA2445-8XF32-1NB3 [€]	180595.-	1
	160	90	230	3RA2446-8XF32-1AL2	184925.-	1	20...33	3RA2446-8XF32-1NB3 [€]	216715.-	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	1600.-	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					
	3RT20 3 3RT23 3 3RT25 3	24V	3RT2934-5AC21		1	3RT20 3 3RT23 3 3RT25 3	20 ... 33	3RT2934-5NB31	9075.-	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	7515.-	1	3RT20 4 3RT23 4 3RT25 4 3RT24 4	20 ... 33	3RT2944-5NB31	10215.-	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	48565.-	1
		200...277V AC/DC	3RT1955-5PP31	48565.-	1
S10	3RT10 6 3RT14 6	96...127V AC/DC	3RT1965-5PF31	61095.-	1
		200...277V AC/DC	3RT1965-5PP31	61095.-	1
S12	3RT10 7 3RT14 7	96...127V AC/DC	3RT1975-5PF31	81490.-	1
		200...277V AC/DC	3RT1975-5PP31	81490.-	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	7550.-	1
	3RT10 55		3RT1955-7A	8545.-	1
	3RT10 56		3RT1956-7A	9425.-	1
S10	3RT10 64		3RT1964-7A	9665.-	1
	3RT10 65		3RT1965-7A	10420.-	1
	3RT10 66		3RT1966-7A	10755.-	1
S12	3RT10 75		3RT1975-7A	12105.-	1
	3RT10 76		3RT1976-7A	12465.-	1
S6	3RT14 56 ¹⁾		3RT1956-7B	12520.-	1
S10	3RT14 66 ¹⁾		3RT1966-7B	14615.-	1
S12	3RT14 76 ¹⁾		3RT1976-7B	17280.-	1

1) For 3RT14 AC-1 duty power contactors

LP - List Price

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	340.-	5
3RT10/3RT20 25/26 replacing 3TF/3TR 32/33	3TX80250A	500.-	5
3RT10 34/35 replacing 3TF/3TR 34/35	3TX80400A	680.-	5
3RT10 36 replacing 3TF/3TR 46	3TX80500A	815.-	5
3RT10 44/45 replacing 3TF/3TR 47 / 3TF 477	3TX80800A	1630.-	1
3RT10 45/46 replacing 3TF/3TR 48/49	3TX80950A	1665.-	1
3RT10 56 replacing 3TF/3TR 52	3TX81850A	2915.-	1
3RT10 64 replacing 3TF/3TR 53	3TX82250A	3100.-	1

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

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	11580.-	1
	3RT20 37	3RT2937-6A	15410.-	1
	3RT20 38	3RT2938-6A	20575.-	1
S3	3RT20 46	3RT2946-6A	20865.-	1
	3RT20 47	3RT2947-6A	28225.-	1
S6	3RT10 54	3RT1954-6A	31975.-	1
	3RT10 55	3RT1955-6A	40130.-	1
	3RT10 56	3RT1956-6A	51105.-	1
S10	3RT10 64	3RT1964-6A	57920.-	1
	3RT10 65	3RT1965-6A	64705.-	1
	3RT10 66	3RT1966-6A	76325.-	1
S12	3RT10 75	3RT1975-6A	100775.-	1
	3RT10 76	3RT1976-6A	129420.-	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	47865.-	1
S6	3RT14 56	3RT1956-6D	77660.-	1
S10	3RT14 66	3RT1966-6D	120925.-	1
S12	3RT14 76	3RT1976-6D	155265.-	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	14205.-	1
	3RT23 37	3RT2937-6E	16360.-	1

Spares for 3RT12 Vacuum Contactors

For contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Spare coils			
3RT126	4)	3RT1966-5A..1	24705.-
3RT127	23 ... 26 380 ... 420 110 ... 127 220 ... 240	3RT1975-5AB31 3RT1975-5AV31 3RT1975-5AF318K 3RT1975-5AP318K	29970.-
Solid state operating mechanism			
3RT126	96 ... 127V AC/DC 200 ... 277V AC/DC	3RT1966-5NF31 3RT1966-5NP31	31870.-
3RT127	200 ... 277V AC/DC	3RT1975-5NP31	42440.-
Spare vacuum bottles (set of 3)			
3RT1264 3RT1265 3RT1266	3RT1964-6V 3RT1965-6V 3RT1966-6V	159905.- 184655.- 225270.-	1 1 1
3RT1275 3RT1276	3RT1975-6V 3RT1976-6V	272225.- 327650.-	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..	3705.-	1	4NO [§]	■ 3TH3040-0B..	5255.-	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..	3240.-	1	1NO [§]	■ 3TF3010-0B..	5930.-	1
			1NC [§]	■ 3TF3001-0A..	3240.-		1NC [§]	■ 3TF3001-0B..	5930.-	
	12	5.5	1NO [§]	■ 3TF3110-0A..	3630.-	1	1NO [§]	■ 3TF3110-0B..	6290.-	1
			1NC [§]	■ 3TF3101-0A..	3630.-		1NC [§]	■ 3TF3101-0B..	6290.-	
1	16	7.5	— [§]	■ 3TF3200-0A..	3850.-	1	— [§]	■ 3TF3200-0B..	7300.-	1
	22	11	— [§]	■ 3TF3300-0A..	5145.-	1	— [§]	■ 3TF3300-0B..	9845.-	1
2	32	15	— [§]	■ 3TF3400-0A..	11805.-	1	— [§]	■ 3TF3400-0B..	22820.-	1
	38	18.5	— [§]	■ 3TF3500-0A..	17120.-	1	— [§]	■ 3TF3500-0B..	27050.-	1
	40	18.5	— [§]	■ 3TF3500-0A..ZT00^	17375.-	1	— [§]	■ 3TF3500-0B..ZT00^	27300.-	1

Auxiliary contact blocks

Size	Rated current (A) Ie AC3 up to 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)					
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)										
3	45	22	2NO + 2NC ^{\$}	■ 3TF4602-0A..ZA01®	23630.-	1	3TF30 to 35 & 3TH30	1NO	■ 3TX4010-2A	500.-	10					
	63	30	2NO + 2NC ^{\$}	■ 3TF4702-0A..ZA01®	33570.-	1		1NC	■ 3TX4001-2A	500.-	10					
	65	30	2NO + 2NC ^{\$}	■ 3TF4702-0A..ZT00^	33790.-	1		1NO (Extd)	■ 3TX4010-4A	775.-	10					
	70	37	2NO + 2NC ^{\$}	■ 3TF4772-0A..	35955.-	1		1NC (Extd)	■ 3TX4001-4A	775.-	10					
4	75	42	2NO + 2NC ^{\$}	■ 3TF4822-0A..ZA01®	43005.-	1	3TF46 to 3TF56	Second 1NO+1NC Left	■ 3TY7561-1KA008K	2105.-	1					
	85	45	2NO + 2NC ^{\$}	■ 3TF4922-0A..ZA01®	53600.-	1		Second 1NO+1NC Right								
6	110	55	2NO + 2NC ^{\$}	■ 3TF5002-0A..	64145.-	1										
	140	75	2NO + 2NC ^{\$}	■ 3TF5102-0A..	84595.-	1										
8	170	90	2NO + 2NC ^{\$}	■ 3TF5202-0A..	104775.-	1										
	205	110	2NO + 2NC ^{\$}	■ 3TF5302-0A..	113615.-	1										
10	250	132	2NO + 2NC ^{\$}	■ 3TF5402-0A..	138350.-	1										
	300	160	2NO + 2NC ^{\$}	■ 3TF5502-0A..	171270.-	1										
12	400	200	2NO + 2NC ^{\$}	■ 3TF5602-0A..	200845.-	1										

@ For box type (SIGUT) terminals, order 2 nos 3TX7460-0E, LP ₹ 1155.- 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 discontinued. 3RT Contactors (Page No. 6-7) recommended

@ For box type (SIGUT) terminals, order 2 nos 3TX7460-0E, LP ₹ 1155.- 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 discontinued. 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	1	3NO + 3NC	3TF6833-1D.. ¹⁾	refer	1
	820	450	4NO + 4NC	3TF6944-0C..	page no. 10	1	3NO + 3NC	3TF6933-1D.. ¹⁾	page no. 10	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

■ Stock items

Please order in multiples of standard packing.

LP - List Price

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

for 3TH, 3TF30 to 33	630.-	for 3TF34 to 49	745.-	for 3TF50 to 56	1940.-
Wide band coil for 3TH, 3TF30 to 33	630.-	Wide band coil for 3TF34/35	745.-		

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

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..	52905.-	1
4	75	3TC4817-0B..	263350.-	1
8	220	3TC5217-0B..	443350.-	1
12	400	3TC5617-0B..	757115.-	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..	73005.-	1
4	75	3TC4817-0A..	317200.-	1
8	220	3TC5217-0A..	545025.-	1
12	400	3TC5617-0A..	1006065.-	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#	1580.-	10
3TF46/47/47-7	■ 3TX7466-1YA0	5595.-	2
3TF48/49	■ 3TX7486-1YA0	9120.-	2
3TF50/51	■ 3TX7506-1YA0	10245.-	2
3TF52/53	■ 3TX7526-1YA0	11725.-	2
3TF54/55	■ 3TX7546-1YA0	14120.-	2
3TF56/57	■ 3TX7566-1YA0	15080.-	2
3TF50/52	■ 3TX7526-1YA09	11725.-	2
3TF52/54	■ 3TX7546-1YA09	14120.-	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	1430.-	10
48 - 127V	70 - 150V	■ 3TX7402-3HY1	1430.-	10
127 - 240V	150 - 250V	■ 3TX7402-3JY1	1430.-	10
240 - 400V	—	3TX7402-3KY1	1840.-	10
400 - 600V	—	3TX7402-3LY1	1840.-	10
Surge suppressor (RC unit) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	3TX7402-3RY2	2280.-	10
48 - 127V	70 - 150V	3TX7402-3SY2	2280.-	10
127 - 240V	150 - 250V	3TX7402-3TY2	2280.-	10
240 - 400V	—	3TX7402-3UY2	2280.-	10
400 - 600V	—	3TX7402-3VY2	2280.-	10
Surge suppressor (varistor) for 3TF46-56				
Less than 48V	24 - 70V	■ 3TX7462-3GY1	1965.-	10
48 - 127V	70 - 150V	■ 3TX7462-3HY1	1965.-	10
127 - 240V	150 - 250V	■ 3TX7462-3JY1	1965.-	10
240 - 400V	—	3TX7462-3KY1	2080.-	10
400 - 600V	—	3TX7462-3LY1	2080.-	10



Spares for SICOP and SICON^{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	2610.-	1
3TF33/43 (22A)	■ 3TY7430-0A	3645.-	1
3TF34 (32A)	■ 3TY7340-0C	7005.-	1
3TF35 (38A)	■ 3TY7350-0C	10665.-	1
3TF44 (32A)	■ 3TY7440-0A	7740.-	1
3TF45 (38A)	■ 3TY7450-0A	10665.-	1
3TF46 (45A)	■ 3TY7460-0YA	11450.-	1
3TF47 (63A)	■ 3TY7470-0YA	16680.-	1
3TF477 (70A)	■ 3TY7477-0YA	19345.-	1
3TF48 (75A)	■ 3TY7480-0A	22245.-	1
3TF49 (85A)	■ 3TY7490-0A	29800.-	1
3TF50 (110A)	■ 3TY7500-0YA	32510.-	1
3TF51 (140A)	■ 3TY7510-0YA	40900.-	1
3TF52 (170A)	■ 3TY7520-0YA	51380.-	1
3TF53 (205A)	■ 3TY7530-0YA	54825.-	1
3TF54 (250A)	■ 3TY7540-0YA	65930.-	1
3TF55 (300A)	■ 3TY7550-0YA	77515.-	1
3TF56 (400A)	■ 3TY7560-0YA	102575.-	1
3TF68 (630A)	3TY7680-0B ^{\$}	694680.-	1
3TF69 (820A)	3TY7690-0B ^{\$}	1116160.-	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	2710.-	1
3TF46 to 3TF56	Built-in, 1NO+1NC Left / Right	3TY7561-1AA00-8K	2105.-	1
	Add-on, Second 1NO+1NC Left / Right	3TY7561-1KA00-8K	2105.-	1

DC coils

For contactor	Type†	Unit LP ₹	Std. pkg. (nos.)
		For 24/110/ 220V	
3TH3, 3TF30-33/42/43	■ 3TY4803-0B..	2445.-	1
3TF34/35	3TY7443-0B..	3655.-	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	1445.-	1
3TF35	3TY7352-0C	1530.-	1
3TF46	3TY7462-0YA	2995.-	1
3TF47	3TY7472-0YA	3655.-	1
3TF477	3TY7477-0YD	4415.-	1
3TF48	3TY7482-0A	5325.-	1
3TF49	3TY7492-0A	6140.-	1
3TF50	3TY7502-0YA	7290.-	1
3TF51	3TY7512-0YA	8310.-	1
3TF52	3TY7522-0YA	9115.-	1
3TF53	3TY7532-0YA	9400.-	1
3TF54	3TY7542-0YA	10125.-	1
3TF55	3TY7552-0YA	10430.-	1
3TF56	3TY7562-0YA	11760.-	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..	1800.-	2040.-	1
3TF34/35/44/45	■ 3TY7443-0A..	2215.-	2870.-	1
3TF46/47/477	■ 3TY7463-0A..	3845.-	4475.-	1
3TF48/49	■ 3TY7483-0A..	7015.-	7675.-	1
3TF50/51	■ 3TY7503-0A..	7145.-	8885.-	1
3TF52/53	■ 3TY7523-0A..	9050.-	10780.-	1
3TF54/55	■ 3TY7543-0A..	10950.-	12685.-	1
3TF56	■ 3TY7563-0A..	15905.-	19380.-	1
3TF68	3TY7683-0C..	120285.-	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 3TH3/3TF30/31/32/33

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	735.-	1
3VS13	6 to 25A	3TF32/33	16 / 22A	3TS9002-8K	885.-	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	17455.-	1
	3TC48	3TY2480-0A	42740.-	1
	3TC52	3TY2520-0A	121180.-	1
	3TC56	3TY2560-0A	240325.-	1
AC coils ¹⁾ (50 Hz)	3TC44	3TY7403-0A..	1800.-	1
	3TC52	3TY6523-0A..	30740.-	1
DC coils ²⁾	3TC44	3TY6443-0B..	31500.-	1
	3TC48	3TY6483-0B..	53710.-	1
	3TC52	3TY6523-0B..	132815.-	1
	3TC56	3TY6563-0B..	184450.-	1
Arc chambers	3TC44	3TY2442-0A	17100.-	1
	3TC48	3TY2482-0A	31025.-	1
	3TC52	3TY2522-0A	48295.-	1
	3TC56	3TY2562-0A	97630.-	1
Auxiliary contacts 1st 1NO + 1NC Left/Right 2nd 1NO + 1NC Left 2nd 1NO + 1NC Right	3TC44/48	3TY6501-1AA00	7780.-	1
	3TC48	3TY6501-1K		1
	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





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..	4055.-	1NC	3MT70002JA016A..	4055.-	1
NEW 5kvar	1NO	3MT70005JA106A..	4490.-	1NC	3MT70005JA016A..	4490.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	4945.-	2NC	3MT70007JA026A..	4945.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	6155.-	2NC	3MT70010JA026A..	6155.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	6290.-	2NC	3MT70012JA026A..	6290.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	8330.-	2NC	3MT70016JA026A..	8330.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	9265.-	2NC	3MT70020JA026A..	9265.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	10620.-	2NC	3MT70025JA026A..	10620.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	16095.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	25980.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	30415.-				1
60kvar	1NO+2NC	3MT70060JA126A..	32325.-				1
80kvar	1NO+2NC	3MT70080JA126A..	39680.-				1
100kvar	1NO+2NC	3MT70100JA126A..	41240.-				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	1215.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1430.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	3690.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	4025.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	905.-	10
2NC	3MT70200CL09M1A	905.-	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	22040.-	1
4	145	3TS5022-0A..1-8K	38395.-	1
6	200	3TS5122-0A..1-8K	51700.-	1
6	225	3TS5222-0A..1-8K	59970.-	1
8	275	3TS5322-0A..1-8K	85205.-	1
8	325	3TS5422-0A..1-8K	96325.-	1
10	400	3TS5522-0A..1-8K	108975.-	1
12	525	3TS5622-0A..1-8K	149190.-	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	1950.-	1
12	1NO	3TS3110-0A..2-8K	2170.-	1
18	1NO	3TS3210-0A..2-8K	2515.-	1
25	-	3TS3300-0A..2-8K	3115.-	1
32	-	3TS3400-0A..2-8K	6850.-	1
40	-	3TS3500-0A..2-8K	9780.-	1
50	-	3TS3600-0A..2-8K	12440.-	1
65	2NO+2NC	3TS4722-0A..2-8K	18690.-	1
75	2NO+2NC	3TS4822-0A..2-8K	22040.-	1
85	2NO+2NC	3TS4922-0A..2-8K	25655.-	1
105	2NO+2NC	3TS5022-0A..2-8K	33790.-	1
140	2NO+2NC	3TS5122-0A..2-8K	41065.-	1
160	2NO+2NC	3TS5222-0A..2-8K	55845.-	1
205	2NO+2NC	3TS5322-0A..2-8K	61530.-	1
250	2NO+2NC	3TS5422-0A..2-8K	70650.-	1
300	2NO+2NC	3TS5522-0A..2-8K	89145.-	1
400	2NO+2NC	3TS5622-0A..2-8K	115300.-	1

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

Spares for 3TS Contactors

Convertor Duty

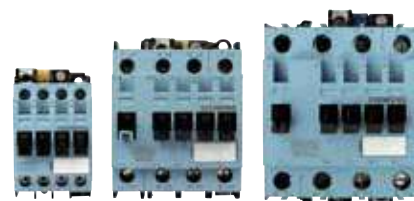
Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
3TS48	Spare main contact kits	3TS9148-01-8K	13330.-	1
3TS50		3TS9150-01-8K	23775.-	1
3TS51		3TS9151-01-8K	32340.-	1
3TS52		3TS9152-01-8K	36160.-	1
3TS53		3TS9153-01-8K	51335.-	1
3TS54		3TS9154-01-8K	57055.-	1
3TS55		3TS9155-01-8K	62760.-	1
3TS56		3TS9156-01-8K	83695.-	1

Spare coils

	AC Coil*	Unit LP ₹
3TS48	3TY7463-0A..	3845.-
3TS50	3TY7483-0A..	7015.-
3TS51/52	3TY7503-0A..	7145.-
3TS53/54	3TY7523-0A..	9050.-
3TS55	3TY7543-0A..	10950.-
3TS56	3TY7563-0A..	15905.-

3TS 4 Pole Contactors for Power Applications



Contactor Size	Rated current I _e (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	3125.-		3TS3100-0B..4-8K	6190.-	
Size 0	25A	3TS3200-0A..4-8K	3300.-		3TS3200-0B..4-8K	7015.-	
Size 1	35A	3TS3300-0A..4-8K	3720.-		3TS3300-0B..4-8K	7995.-	
Size 1	40A	3TS3400-0A..4-8K	4900.-		3TS3400-0B..4-8K	11825.-	
Size 2	45A	3TS3500-0A..4-8K	5740.-	7040.-	3TS3500-0B..4-8K		13615.-
Size 2	50A	3TS3600-0A..4-8K	6370.-	7725.-	3TS3600-0B..4-8K		17255.-
Size 2	65A	3TS3700-0A..4-8K	12495.-	13900.-	3TS3700-0B..4-8K		24275.-
Size 2	65A*	3TS3700-0A..4-8KA0	14105.-	15490.-	3TS3700-0B..4-8KA0		27840.-

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	500.-
1 NC	3TX40 01-2A	500.-

Mechanical Interlock	Type	Unit LP ₹
Size 0 and Size 1	3TX4091-1A	1580.-
S2	3TX4091-1A	1580.-
	+ 3TX4091-1G**	415.-

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	1430.-	3TX7402-3RY2	2280.-
		48 - 127V	70 - 150V	3TX7402-3HY1	1430.-	3TX7402-3SY2	
		127 - 240V	150 - 250V	3TX7402-3JY1	1430.-	3TX7402-3TY2	
		240 - 400V	–	3TX7402-3KY1	1840.-	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 I _e (A) AC1 at 415V	For Contactor	Type	Unit LP ₹
Size 1	35A	3TS3300	3TS9133-0E	3185.-
Size 1	40A	3TS3400	3TS9134-0E	4500.-
Size 2	45A	3TS3500	3TS9135-0E	6835.-
Size 2	50A	3TS3600	3TS9136-0E	8055.-
Size 2	65A	3TS3700	3TS9137-0E	8065.-
Size 2	65A*	3TS3700	3TS9137-0A	11680.-

* 50A AC-3 rating

Spare Coils

Contactor Size	Type ²⁾	Unit LP ₹	Type ²⁾	Unit LP ₹
	AC		DC	
Size 0	3TS9231-0A..4-8K	1865.-	3TS9231-0B..4-8K	2545.-
Size 1	3TS9233-0A..4-8K	2000.-	3TS9233-0B..4-8K	2660.-
Size 2	3TS9235-0A..4-8K (Standard)	2215.-		
Size 2	3TS9235-0A..4-8K (Electronic)	3215.-	3TS9235-0B..4-8K (Electronic)	3810.-

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



3TS Single Pole LED Contactors

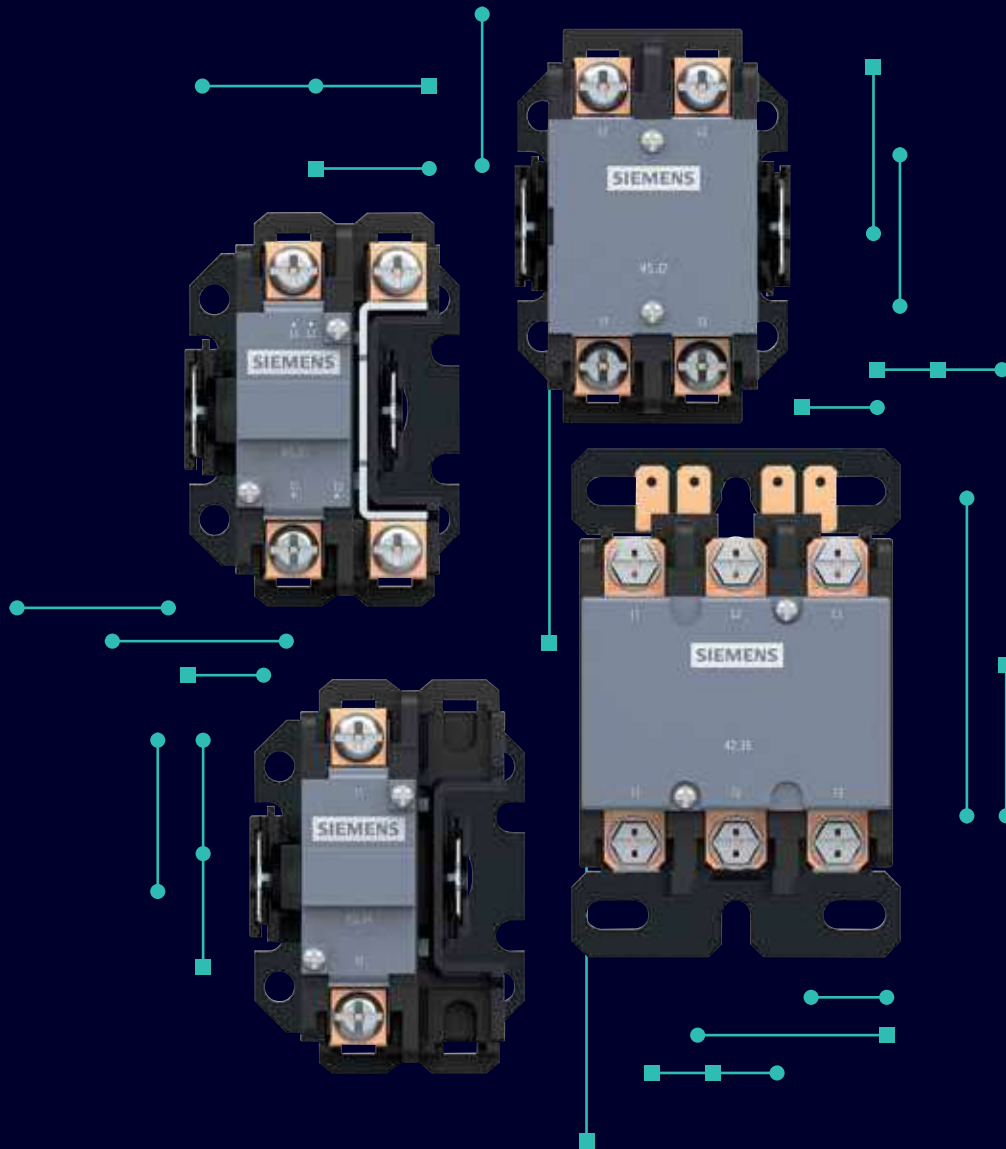
Siemens 3TS LED Contactors been designed keeping in mind the challenges in LED lamp switching applications and thus offers a highly reliable & safe solution to the customer

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	2040.-	1
	30A ■	45DJ10A_B	45DJ10A_C	2105.-	1
	40A	45EJ10A_B	45EJ10A_C	2175.-	1
1 Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	1925.-	1
	30A ■	45DJ40A_B	45DJ40A_C	1990.-	1
	40A	45EJ40A_B	45EJ40A_C	2065.-	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	2445.-	1
	30A ■	45DJ20A_D	45DJ20A_E	2470.-	1
	40A ■	45EJ20A_D	45EJ20A_E	2545.-	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	3145.-	1
	25A	42CJ35A_D	42CJ35A_E	3195.-	1
	30A	42DJ35A_D	42DJ35A_E	3225.-	1
	40A ■	42EJ35A_D	42EJ35A_E	3295.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	3895.-	1
	25A	42CJ36A_D	42CJ36A_E	3940.-	1
	30A	42DJ36A_D	42DJ36A_E	3965.-	1
	40A ■	42EJ36A_D	42EJ36A_E	4045.-	1



Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	595.-	1
2 Pole contactor	75J29A_	720.-	1
3 Pole contactor	75J39A_	815.-	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



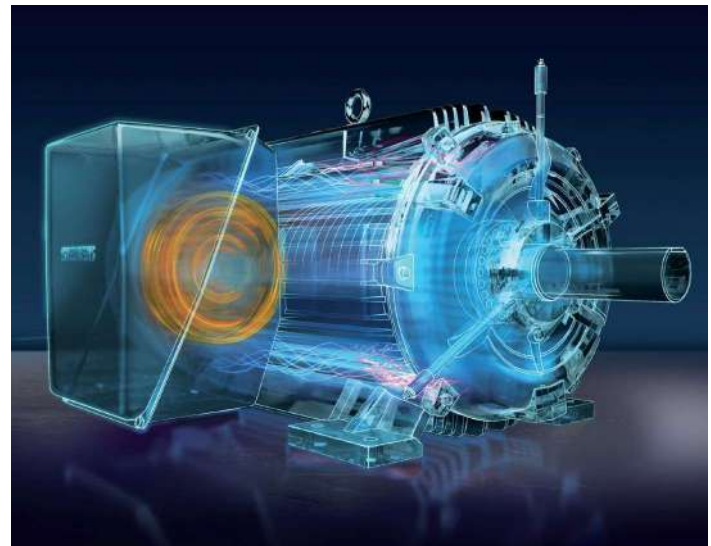
SIEMENS

Without 8K Price : LP Eff. 01.07.2026



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.)	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	5330.-	1	S2	11 ... 16	3RU2136-4AB0	11290-	1
	0.14 ... 0.2	3RU2116-0BB0				14 ... 20	3RU2136-4BB0		
	0.18 ... 0.25	3RU2116-0CB0				18 ... 25	3RU2136-4DB0		
	0.22 ... 0.32	3RU2116-0DB0				22 ... 32	3RU2136-4EB0		
	0.28 ... 0.4	3RU2116-0EB0				28 ... 40	3RU2136-4FB0		
	0.35 ... 0.5	3RU2116-0FB0				36 ... 45	3RU2136-4GB0	14240.-	
	0.45 ... 0.63	3RU2116-0GB0	40 ... 50			3RU2136-4HB0	15190.-		
	0.55 ... 0.8	3RU2116-0HB0	47 ... 57			3RU2136-4QB0	17075.-		
	0.7 ... 1	3RU2116-0JB0	54 ... 65			3RU2136-4JB0	18950.-		
	0.9 ... 1.25	3RU2116-0KB0	62 ... 73		3RU2136-4KB0	19525.-			
	1.1 ... 1.6	3RU2116-1AB0	70 ... 80		3RU2136-4RB0	20770.-			
	1.4 ... 2	3RU2116-1BB0	28 ... 40		3RU2146-4FB00	17145.			
	1.8 ... 2.5	3RU2116-1CB0	36 ... 50		3RU2146-4HB0	1			
	2.2 ... 3.2	3RU2116-1DB0	45 ... 63		3RU2146-4JB0		19050.-		
	2.8 ... 4	3RU2116-1EB0	57 ... 75		3RU2146-4KB0		19730.-		
	3.5 ... 5	3RU2116-1FB0	70 ... 90		3RU2146-4LB0		20920.-		
	4.5 ... 6.3	3RU2116-1GB0	80 ... 100		3RU2146-4MB0		26015.-		
	5.5 ... 8	3RU2116-1HB0	5850.-		S3				
	7 ... 10	3RU2116-1JB0							
	9 ... 12.5	3RU2116-1KB0							
	11 ... 16	3RU2116-4AB0							
S0	1.8 ... 2.5	3RU2126-1CB0	5600.-	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	5955.-						
	9 ... 12.5	3RU2126-1KB0							
	11 ... 16	3RU2126-4AB0	6105.-						
	14 ... 20	3RU2126-4BB0	6165.-						
	17 ... 22	3RU2126-4CB0							
	20 ... 25	3RU2126-4DB0							
	23 ... 28	3RU2126-4NB0							
	27 ... 32	3RU2126-4EB0	10380-						
	30 ... 36	3RU2126-4PB0							
	34 ... 40	3RU2126-4FB0							



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	1695.-	1
S0*	3RU21, 3RB30/31, 3RR21/22/24	3RU2926-3AA01	1750.-	1
S2	3RU21, 3RB30/31, 3RR21/22/24	3RU2936-3AA01	2855.-	1
S3	3RU21/3RB30/3RB31	3RU2946-3AA01	3370.-	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

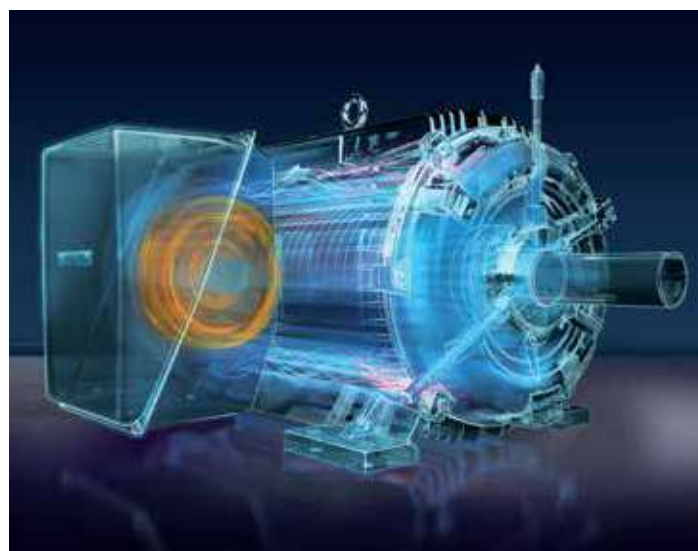


For contactor mounting - Class 10 - Screw Terminals

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	4945.-	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	4995.-		
	0.45 ... 0.63	3RU2116-0GB00-8K			
	0.55 ... 0.8	3RU2116-0HB00-8K			
	0.7 ... 1	3RU2116-0JB00-8K			5050.-
	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	5415.-		
	9 ... 12.5	3RU2116-1KB00-8K			
	11 ... 16	3RU2116-4AB00-8K	5600.-		
S0	1.8 ... 2.5	3RU2126-1CB00-8K	5175.-	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	5505.-		
	7 ... 10	3RU2126-1JB00-8K			
	9 ... 12.5	3RU2126-1KB00-8K			
	11 ... 16	3RU2126-4AB00-8K	5650.-		
	14 ... 20	3RU2126-4BB00-8K	5700.-		
	17 ... 22	3RU2126-4CB00-8K			
	20 ... 25	3RU2126-4DB00-8K			
	23 ... 28	3RU2126-4NB00-8K	9600.-		
	27 ... 32	3RU2126-4EB00-8K			
	30 ... 36	3RU2126-4PB00-8K			
	34 ... 40	3RU2126-4FB00-8K			9680.-

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	10440.-	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	13165.-	
	40 ... 50	3RU2136-4HB00-8K	14050.-	
	47 ... 57	3RU2136-4QB00-8K	15800.-	
	54 ... 65	3RU2136-4JB00-8K	17545.-	
	62 ... 73	3RU2136-4KB00-8K	18065.-	
S3	70 ... 80	3RU2136-4RB00-8K	19200.-	
	28 ... 40	3RU2146-4FB00-8K	15865.-	1
	36 ... 50	3RU2146-4HB00-8K		
	45 ... 63	3RU2146-4JB00-8K		
	57 ... 75	3RU2146-4KB00-8K		
	70 ... 90	3RU2146-4LB00-8K		
	80 ... 100	3RU2146-4MB00-8K		

* 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	1695.-	1
S0*	3RU21, 3RB30/31, 3RR21/22/24	3RU2926-3AA01	1750.-	1
S2	3RU21, 3RB30/31, 3RR21/22/24	3RU2936-3AA01	2855.-	1
S3	3RU21/3RB30/3RB31	3RU2946-3AA01	3370.-	1



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

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	22275.-	1
	55	90 - 125	3RU2156-5CB10-8K	23565.-	1
	75	110 - 160	3RU2156-5DB10-8K	23595.-	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	31515.-	1
	132	180 - 250	3RU2166-5FB10-8K		1
	160	220 - 320	3RU2166-5GB10-8K		1
S12	200	280 - 400	3RU2176-5HB10-8K	40115.-	1
	250	350 - 500	3RU2176-5JB10-8K	40870.-	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	40115.-	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	40115.-	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)		3RB (Class 20E)		3RB (Class 5 to 30E – Settable)		Std. pkg. (nos.)
		With overload, phase failure and phase unbalance protections		With overload, phase failure and phase unbalance protections		With overload, phase failure and phase unbalance and earth fault protection		
		Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹	
S00	0.1 ... 0.4	3RB3016-1RB0	12995.-	3RB3016-2RB0	16225.-	3RB3113-4RB0	27115.-	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	15115.-	3RB3026-2RB0	18850.-	3RB3123-4RB0	28345.-	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		3RB3026-2VB0		3RB3123-4VB0		1
S2	12.5 ... 50	3RB3036-1UB0®	22905.-	3RB3036-2UB0®	28590.-	3RB3133-4UB0®	37000.-	1
	20 ... 80	3RB3036-1WB0®	34540.-	3RB3036-2WB0®	43205.-	3RB3133-4WB0®	48245.-	1
	12.5 ... 50	3RB3036-1UW1#	22905.-	3RB3036-2UW1#	28590.-	3RB3133-4UW1#	37000.-	1
	20 ... 80	3RB3036-1WW1#	34540.-	3RB3036-2WW1#	43205.-	3RB3133-4WW1#	48245.-	1
S3	12.5 ... 50	3RB3046-1UB0®	27175.-	3RB3046-2UB0®	33990.-	3RB3143-4UB0®	48275.-	1
	32 ... 115	3RB3046-1XB0®	35405.-	3RB3046-2XB0®	44475.-	3RB3143-4XB0®	49250.-	1
	12.5 ... 50	3RB3046-1UW1#	29095.-	3RB3046-2UW1#	35905.-	3RB3143-4UW1#	49040.-	1
	32 ... 115	3RB3046-1XW1#	35625.-	3RB3046-2XW1#	44475.-	3RB3143-4XW1#	49250.-	1
S6	50 ... 200	3RB2056-1FC2&	43520.-	3RB2056-2FC2&	54405.-	3RB2153-4FC2&	65125.-	1
S6	50 ... 200	3RB2056-1FW2\$		3RB2056-2FW2\$		3RB2153-4FW2\$		1
S10/12	55 ... 250	3RB2066-1GC2&	47490.-	3RB2066-2GC2&	66100.-	3RB2163-4GC2&	66405.-	1
S10/12	160 ... 630	3RB2066-1MC2&	84505.-	3RB2066-2MC2&	105650.-	3RB2163-4MC2&	109425.-	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

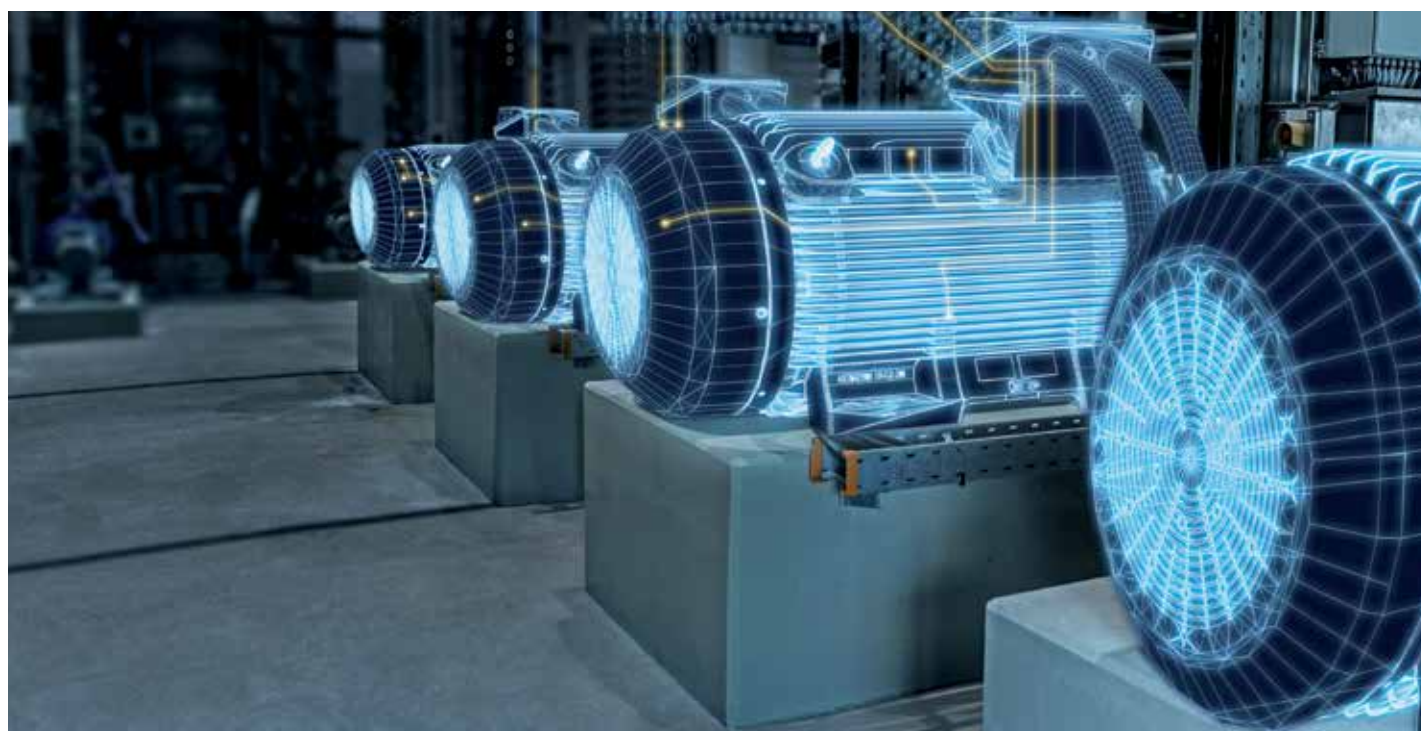
@ Devices with screw terminals for mounting onto contactor.

& 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.

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	1940.-	1
	Resetting plungers, holders & formers		X	✓	3RB3980-0A	1095.-	1
	Pushbuttons with extended stroke (12 mm), IP65, Dia 22 mm		✓	✓	3SU1200-0FB10-0AA0	6475.-	1
	Extension plungers		✓	✓	3SU1900-0KG10-0AA0	600.-	1
Cable releases with holder for RESET	Length 400mm	S00, S0, S6-S12	✓	X	3RU2900-1B	5430.-	1
	Length 600mm		✓	X	3RU2900-1C		1
	Length 400mm		X	✓	3RB3980-0B	10555.-	1
	Length 600mm		X	✓	3RB3980-0C		1
Module for remote reset, electrical	24 ... 30 V AC/DC	S00, S0, S6-S12	✓	X	3RU1900-2AB71	6820.-	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	5000.-	1
	For 3RU2 / 3RV2		✓	X	3RV2908-0P	270.-	10
Terminal Covers for busbar connections	Length 55 mm	S3			3RT1946-4EA1	1900.-	1
	Length 100 mm	S6	✓	✓	3RT1956-4EA1	3630.-	1
	Length 120 mm	S10, S12	✓	✓	3RT1966-4EA1	4775.-	1
Terminal Cover for Box Terminals	Length 20.6 mm	S2	✓	✓	3RT2936-4EA2	465.-	1
	Length 20.8 mm	S3	✓	✓	3RT2946-4EA2	1305.-	1
	Length 25 mm	S6	✓	✓	3RT1956-4EA2	2125.-	1
	Length 30 mm	S10/12	✓	✓	3RT1966-4EA2	3740.-	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	5090.-	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	5115.-	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	5150.-	1
		8 – 12.5	3UA5000-1K		1
		10 – 14.5	3UA5000-2S		1
3UA52	Contactor® mounting (3TF32/33)	1 – 1.6	3UA5200-1A	5290.-	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	5300.-	1
		5 – 8	3UA5200-1H		1
		6.3 – 10	3UA5200-1J		1
		8 – 12.5	3UA5200-1K		1
		10 – 16	3UA5200-2A	5775.-	1
		12.5 – 20	3UA5200-2B		1
		16 – 25	3UA5200-2C		1
		20 – 32	3UA5200-2D		1
3UA55	Contactor® mounting (3TF34/35, 44/45)	10 – 16	3UA5500-2A	9030.-	1
		12.5 – 20	3UA5500-2B		1
		16 – 25	3UA5500-2C		1
		20 – 32	3UA5500-2D		1
		25 – 36	3UA5500-2Q	9400.-	1
		32 – 40	3UA5500-2R		1
		36 – 45	3UA5500-8M		1
					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	16280.-	1
		20 – 32	3UA5800-2DZ1		1
		25 – 40	3UA5800-2EZ1		1
		32 – 50	3UA5800-2FZ1	13900.-	1
		40 – 57	3UA5800-2TZ1		1
		50 – 63	3UA5800-2PZ1	16280.-	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	16280.-	1
		20 – 32	3UA5800-2DZ2	16280.-	1
		25 – 40	3UA5800-2EZ2	16280.-	1
		32 – 50	3UA5800-2FZ2	13975.-	1
		40 – 57	3UA5800-2TZ2		1
		50 – 63	3UA5800-2PZ2	16395.-	1
		57 – 70	3UA5800-2VZ2		1
		63 – 80	3UA5800-2UZ2		1
3UA58 30	Contactor® mounting (3TF50)	70 – 95	3UA5830-5B	17945.-	1
		85 – 105	3UA5830-5C	18290.-	1
		95 – 120	3UA5830-5D		1
3UA62	Independent mounting	85 – 135	3UA6230-5A	26070.-	1
		115 – 180	3UA6230-5B		1
		160 – 250	3UA6230-5C	36030.-	1
		200 – 320	3UA6230-5D	37095.-	1
3UA68		250 – 400	3UA6230-5E		1
		320 – 500	3UA6830-5F	47930.-	1
		400 – 630	3UA6830-5G		1

@ Can be converted to independent mounting using accessory.

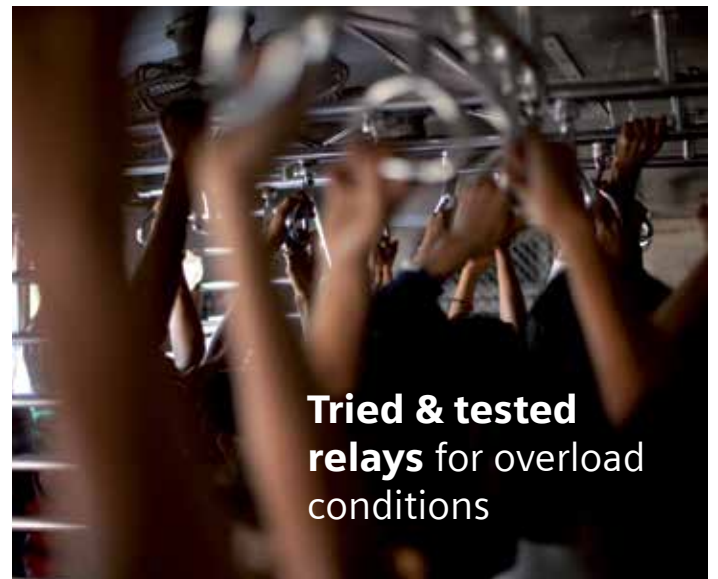
Relays for heavy starting applications, independent mounting

Current setting range A	Type	Unit LP ₹	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
2.5 – 4	3UC5030-5E	45330.-	40 – 63	3UC5830-5G	45330.-	1
4 – 6.3	3UC5030-5G		63 – 100	3UC6230-5J	46195.-	
6.3 – 10	3UC5030-5J		100 – 160	3UC6230-5A		
8 – 12.5	3UC5030-5K		125 – 200	3UC6630-5B		
10 – 16	3UC5830-5A		160 – 250	3UC6630-5C		
16 – 25	3UC5830-5C		250 – 400	3UC6630-5E		
25 – 40	3UC5830-5E					

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	1130.-	1
	3UA52	3UX1420	1195.-	1
	3UA55	3UX1425	1440.-	1
	3UA58	3UX1421	1505.-	1
	3UA58 30	3UX1421-0XA	1625.-	1
Resetting plunger funnel	3UA5/6, 3UC5/6	3UX1011 3UX1013	525.-	10 10
Reset cord + holder: 400 mm length 600 mm length	3UA5/6, 3UC5/6	3UX1015 3UX1016	725.-	5 5
Protection cover	3UA5/6 except 3UA58/ 3UA5830	3UX11111YA	615.-	10
Set of 3 terminals to convert from 3UA5800-2. or 3UA5800-2.Z2 to 3UA5800-2.Z1 3UA5800-2.Z1 or 3UA5800-2.Z2 to 3UA5800-2. 3UA5800-2. or 3UA5800-2.Z1 to 3UA5800-2.Z2		3UX5811 3UX5812 3UX5813	405.-	10 10 10



**Tried & tested
relays for overload
conditions**

■ Stock items

MRP - Maximum Retail Price

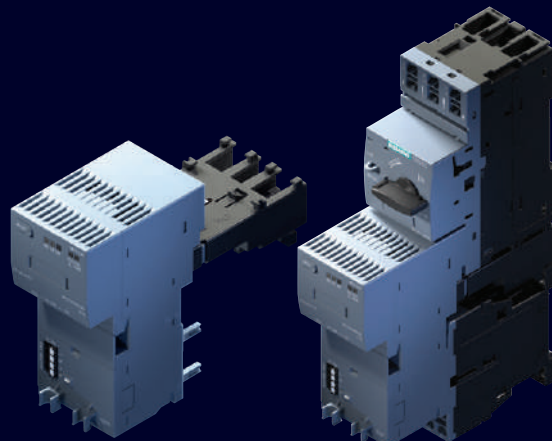
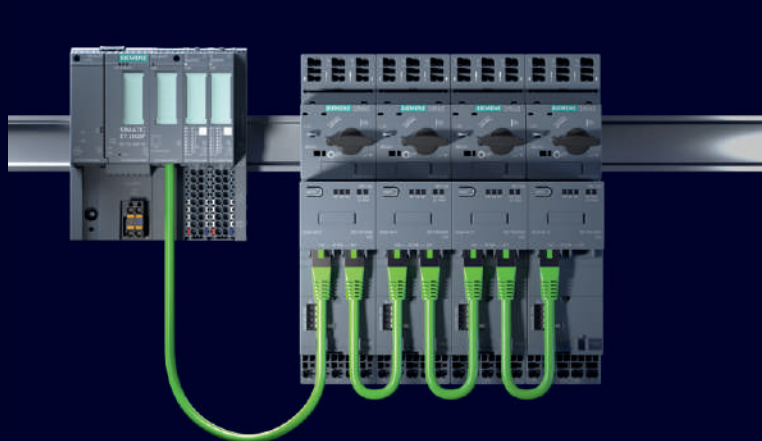
LP - List Price

Siemens Limited Low Voltage Control Products Price List Eff. 01.07.2026 51

SIRIUS 3RC7 Intelligent Link Modules

NEW

SIRIUS Modular System goes digital



Part of the automation



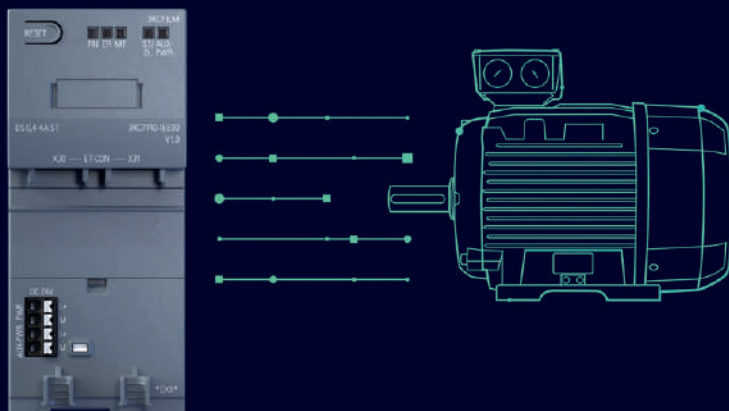
Transparency all the way
to the field level



Proactive protection



Minimal effort



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.



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

More information
[siemens.com/sirius-ilm](https://www.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

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

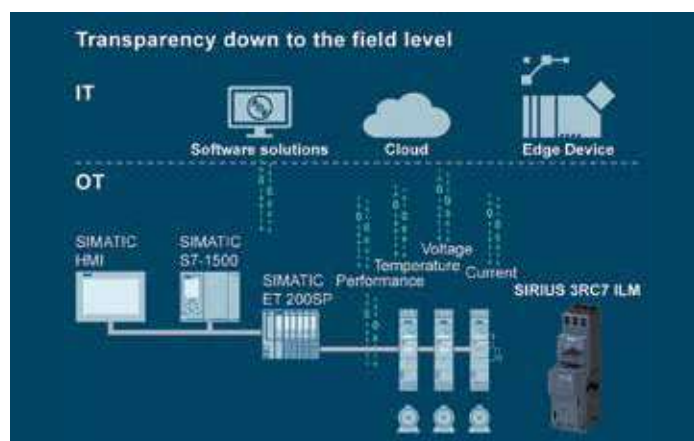
Description	Type
For direct-on-line starters (side-by-side mounting)	3RC7940-0TE01
For reversing starters (side-by-side mounting)	3RC7940-0TE02
Length 0.75 m	3RC7940-0TE03
Length 1.5 m	3RC7940-0TE04
Length 2 m	3RC7940-0TE05

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

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

siemens.com/sirius-ilm


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	11000.-	3RV2111-0AA10	13920.-	3RV2311-0AC10	10815.-	3RV2411-0AA10	18720.-
	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	12705.-	3RV2111-0DA10	16055.-	3RV2311-0DC10	12440.-	3RV2411-0DA10	19825.-
	0.4	0.28...0.4	3RV2011-0EA10		3RV2111-0EA10		3RV2311-0EC10		3RV2411-0EA10	
	0.5	0.35...0.5	3RV2011-0FA10		3RV2111-0FA10		3RV2311-0FC10		3RV2411-0FA10	
	0.63	0.45...0.63	3RV2011-0GA10	13080.-	3RV2111-0GA10	16200.-	3RV2311-0GC10	12795.-	3RV2411-0GA10	20000.-
	0.8	0.55...0.8	3RV2011-0HA10		3RV2111-0HA10		3RV2311-0HC10		3RV2411-0HA10	
	1	0.7...1	3RV2011-0JA10		3RV2111-0JA10		3RV2311-0JC10		3RV2411-0JA10	
	1.25	0.9...1.25	3RV2011-0KA10	13190.-	3RV2111-0KA10	16655.-	3RV2311-0KC10	13040.-	3RV2411-0KA10	21905.-
	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	13315.-	3RV2111-1CA10	16805.-	3RV2311-1CC10	13280.-	3RV2411-1CA10	22565.-
	3.2	2.2...3.2	3RV2011-1DA10		3RV2111-1DA10		3RV2311-1DC10		3RV2411-1DA10	
	4	2.8...4	3RV2011-1EA10		3RV2111-1EA10		3RV2311-1EC10		3RV2411-1EA10	
	5	3.5...5	3RV2011-1FA10	13700.-	3RV2111-1FA10	17890.-	3RV2311-1FC10	13840.-	3RV2411-1FA10	23740.-
	6.3	4.5...6.3	3RV2011-1GA10		3RV2111-1GA10		3RV2311-1GC10		3RV2411-1GA10	
	8	5.5...8	3RV2011-1HA10		3RV2111-1HA10		3RV2311-1HC10		3RV2411-1HA10	
S0	10	7...10	3RV2011-1JA10	14690.-	3RV2111-1JA10	18045.-	3RV2311-1JC10	13975.-	3RV2411-1JA10	39415.-
	12.5	9...12.5	3RV2011-1KA10	15820.-	3RV2111-1KA10	19090.-	3RV2311-1KC10	14825.-	3RV2411-1KA10	44070.-
	16	10...16	3RV2011-4AA10	18445.-	3RV2111-4AA10	21450.-	3RV2311-4AC10	16690.-	3RV2411-4AA10	44995.-
	16	10 ... 16	3RV2021-4AA10	18650.-	3RV2121-4AA10	22150.-	3RV2321-4AC10	16875.-	3RV2421-4AA10	54190.-
	20	13 ... 20	3RV2021-4BA10	19920.-	3RV2121-4BA10	24750.-	3RV2321-4BC10	19420.-	3RV2421-4BA10	59805.-
	22	16 ... 22	3RV2021-4CA10	20125.-	3RV2121-4CA10	55570.-	3RV2321-4CC10	32355.-	3RV2421-4CA10	60940.-
	25	18 ... 25	3RV2021-4DA10	33595.-	3RV2121-4DA10	55570.-	3RV2321-4DC10	37325.-	3RV2421-4DA10	63175.-
	28	23 ... 28	3RV2021-4NA10	38395.-	3RV2121-4NA10	55570.-	3RV2321-4NC10	45520.-	3RV2421-4NA10	63175.-
S2	32	27 ... 32	3RV2021-4EA10	38395.-	3RV2121-4EA10	55570.-	3RV2321-4EC10	45520.-	3RV2421-4EA10	63175.-
	36	30 ... 36	3RV2021-4PA10	38395.-	3RV2121-4PA10	55570.-	3RV2321-4PC10	45520.-	3RV2421-4PA10	63175.-
	40	34 ... 40	3RV2021-4FA10	38395.-	3RV2121-4FA10	55570.-	3RV2321-4FC10	45520.-	3RV2421-4FA10	63175.-
	25	18 ... 25	3RV2031-4DA10	35820.-	3RV2131-4DA10	56740.-	3RV2331-4DC10	33005.-	3RV2431-4DA10	59805.-
	32	22 ... 32	3RV2031-4EA10	39440.-	3RV2131-4EA10	62490.-	3RV2331-4EC10	37740.-	3RV2431-4EA10	60940.-
	36	28 ... 36	3RV2031-4PA10	48150.-	3RV2131-4PA10	65630.-	3RV2331-4PC10	45520.-	3RV2431-4PA10	63175.-
	40	32 ... 40	3RV2031-4UA10	49065.-	3RV2131-4UA10	68995.-	3RV2331-4UC10	45520.-	3RV2431-4UA10	63175.-
	45	35 ... 45	3RV2031-4VA10	49690.-	3RV2131-4VA10	72450.-	3RV2331-4VC10	45520.-	3RV2431-4VA10	63175.-
S3	52	42 ... 52	3RV2031-4WA10	50640.-	3RV2131-4WA10	72450.-	3RV2331-4WC10	45520.-	3RV2431-4WA10	63175.-
	59	49 ... 59	3RV2031-4XA10	53130.-	3RV2131-4XA10	72450.-	3RV2331-4XC10	45520.-	3RV2431-4XA10	63175.-
	65	54 ... 65	3RV2031-4JA10	53130.-	3RV2131-4JA10	72450.-	3RV2331-4JC10	45520.-	3RV2431-4JA10	63175.-
	73	62 ... 73	3RV2031-4KA10	53130.-	3RV2131-4KA10	72450.-	3RV2331-4KC10	45520.-	3RV2431-4KA10	63175.-
	80	70 ... 80	3RV2031-4RA10	53130.-	3RV2131-4RA10	72450.-	3RV2331-4RC10	45520.-	3RV2431-4RA10	63175.-
	50	36 ... 50	3RV2041-4HA10	49825.-	3RV2142-4HA10	70175.-	3RV2341-4HC10	45745.-	3RV2441-4HA10	63175.-
S3	63	45 ... 63	3RV2041-4JA10	50290.-	3RV2142-4JA10	70175.-	3RV2341-4JC10	46170.-	3RV2441-4JA10	63175.-
	75	57 ... 75	3RV2041-4KA10	52795.-	3RV2142-4KA10	73775.-	3RV2341-4KC10	48515.-	3RV2441-4KA10	63175.-
	84	65 ... 84	3RV2041-4RA10	53800.-	3RV2142-4RA10	73775.-	3RV2341-4RC10	48515.-	3RV2441-4RA10	63175.-
	93	75 ... 93	3RV2041-4YA10	54290.-	3RV2142-4YA10	73775.-	3RV2341-4YC10	48515.-	3RV2441-4YA10	63175.-
	100	80 ... 100	3RV2041-4MA10	54290.-	3RV2142-4MA10	73775.-	3RV2341-4MC10	48950.-	3RV2441-4MA10	63175.-

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	46025.-	—	—	3RV2332-4DC10	39645.-
	32	22 ... 32	3RV2032-4EA10	49830.-	—	—	3RV2332-4EC10	
	36	28 ... 36	3RV2032-4PA10	53665.-	—	—	3RV2332-4PC10	44070.-
	40	32 ... 40	3RV2032-4UA10	57750.-	—	—	3RV2332-4UC10	54565.-
	45	35 ... 45	3RV2032-4VA10	63895.-	—	—	3RV2332-4VC10	
	52	42 ... 52	3RV2032-4WA10	64475.-	—	—	3RV2332-4WC10	55065.-
	59	49 ... 59	3RV2032-4XA10	65050.-	—	—	3RV2332-4XC10	
	65	54 ... 65	3RV2032-4JA10		—	—	3RV2332-4JC10	57830.-
	73	62 ... 73	3RV2032-4KA10	73865.-	—	—	3RV2332-4KC10	
	80	70 ... 80	3RV2032-4RA10	77840.-	—	—	3RV2332-4RC10	58950.-
S3	40	28 ... 40	3RV2042-4FA10	57840.-	3RV2142-4FA10	63865.-	3RV2342-4FC10	
	50	36 ... 50	3RV2042-4HA10	64775.-	3RV2142-4HA10	70175.-	3RV2342-4HC10	62565.-
	63	45 ... 63	3RV2042-4JA10	65670.-	3RV2142-4JA10		3RV2342-4JC10	
	75	57 ... 75	3RV2042-4KA10	75000.-	3RV2142-4KA10	73775.-	3RV2342-4KC10	65695.-
	84	65 ... 84	3RV2042-4RA10	78340.-	3RV2142-4RA10		3RV2342-4RC10	
	93	75 ... 93	3RV2042-4YA10		3RV2142-4YA10		3RV2342-4YC10	
	100	80 ... 100	3RV2042-4MA10	79055.-	3RV2142-4MA10		3RV2342-4MC10	66295.-

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	43980.-	1
	17	12 ... 17	260	65	3RV2031-4TB10		1
	20	14 ... 20	260	65	3RV2031-4BB10		1
	25	18 ... 25	325	65	3RV2031-4DB10	48600.-	1
	32	22 ... 32	416	65	3RV2031-4EB10	52045.-	1
	36	28 ... 36	520	65	3RV2031-4PB10	54720.-	1
	40	32 ... 40	585	65	3RV2031-4UB10	57665.-	1
	45	35 ... 45	650	65	3RV2031-4VB10	63045.-	1
	52	42 ... 52	741	65	3RV2031-4WB10	64025.-	1
	59	49 ... 59	845	65	3RV2031-4XB10	64730.-	1
	65	54 ... 65	845	65	3RV2031-4JB10		1
S3	40	28 ... 40	520	100	3RV2042-4FB10	67090.-	1
	50	36 ... 50	650	100	3RV2042-4HB10		1
	63	45 ... 63	819	100	3RV2042-4JB10		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	67700.-	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.

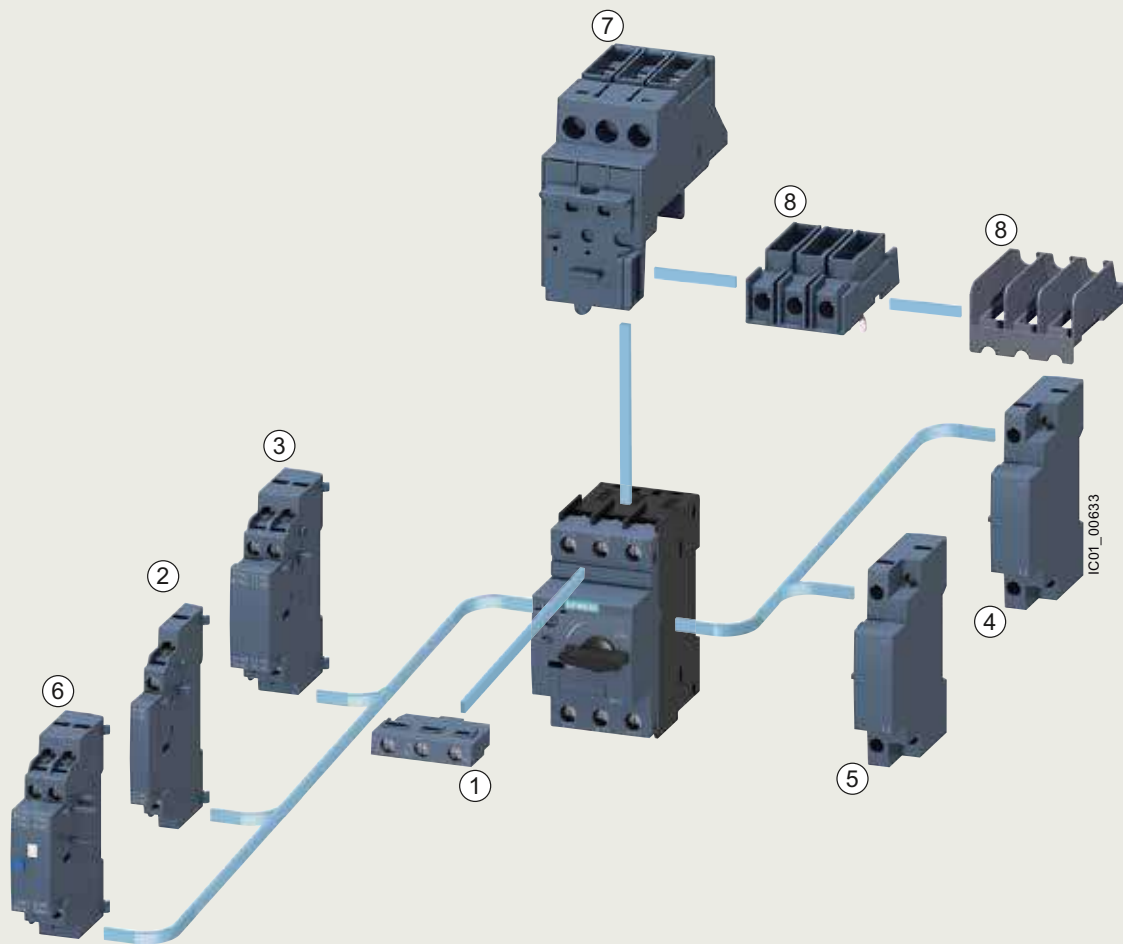
Circuit breaker size S00 for motor protection, Toggle Switch

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	
0.35 ... 0.5	3RV1011-0FA10	12725.-	3.5 ... 5	3RV1011-1FA10	13440.-
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

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#	1900.-	1
	1 NO + 1 NC	S00 ... S3	3RV2901-1E	2445.-	1
	2NO	S00 ... S3	3RV2901-1F	2490.-	1
Transverse auxiliary switches for operation in dusty atmospheres and in solid-state circuits with low operating currents	1 CO	S00 ... S3	3RV2901-1G#	7500.-	1
Covers for transverse auxiliary switches		S00 ... S3	3RV2901-0H#	1120.-	10
Lateral auxiliary switches with screw terminals mountable on the left	1 NO + 1 NC	S00 ... S3	3RV2901-1A	2695.-	1
	2 NO		3RV2901-1B	2520.-	1
	2 NC		3RV2901-1C		1
	2 NO + 2 NC		3RV2901-1J#	4320.-	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	4665.-	1
Isolator modules (for isolating individual MPCB)	Lockable in disconnected position	S00, S0	3RV2928-1A#	9865.-	1
		S2 (Up to 65A only)	3RV2938-1A#	11825.-	1
Fuse Monitoring MPCB		S00	3RV16110BD10	18565.-	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#	18100.-	1
	110 V AC 50Hz / 120 V AC 60Hz		3RV2902-1AF0#	6705.-	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	6705.-	1
	20...70V 50/60Hz, DC (5s ON period)		3RV2902-1DF0		1
	90...110V 50/60 Hz (100% ON period)				
	70...190V 50/60Hz, DC (5s ON period)		3RV2902-1DP0		1
	210...240V 50/60 Hz (100% ON period)				
	190...330V 50/60Hz, DC (5s ON period)		3RV2902-1DV0#		1
	350...415V 50/60 Hz (100% ON period)				
	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	65.-	(1 pack = 10 pcs)
Push-in lugs		For 3RV2: S00,S0	3RV2928-0B	50.-	(1 pack = 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	4720.-	1
		82 mm	S2	3RV1933-1GA00	15375.-	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®	7575.-	1
	S2	3RV19361B-Z®	8365.-	1
	S3\$	3RV19461B-Z®	11000.-	1
Front drive – fixed coupler (available as spare)	S00, S0, S2, S3	8UC626#	2330.-	1

@ One set available with breaker operator kit and 8UC front drive together

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\$ 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				
		mm ²	mm ²	AWG				
3-phase Infeed terminals	Connection from top	2.5...25	2.5...16	10 ... 4	3RV2 S00, S0	3RV2925-5AB	3670.-	1
		2 x (2.5 ... 50) ²⁾	2 x (2.5 ... 35) ²⁾	2 x (10.. 1/0) ²⁾	3RV2 S2	3RV2935-5A	3865.-	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			Current rating at 690V A	For MPCB size *	Type	Unit LP ₹	Std. pkg. (nos.)
		Without lateral accessories	With lateral auxiliary switch	Incl. auxiliary release					
3-phase busbar system	45 ³⁾	2	–	–	63	S00, S0	3RV1915-1AB	3115.-	1
		3	–	–		S00, S0	3RV1915-1BB	3325.-	1
		4	–	–		S00, S0	3RV1915-1CB	4720.-	1
		5	–	–		S00, S0	3RV1915-1DB	5340.-	1
	55 ⁴⁾	–	2	–		S00, S0	3RV1915-2AB	3175.-	1
		–	3	–		S00, S0	3RV1915-2BB	3325.-	1
		–	4	–		S00, S0	3RV1915-2CB	4530.-	1
		–	5	–		S00, S0	3RV1915-2DB	5340.-	1
		2	–	–	108	S2	3RV1935-1A	4565.-	1
		3	–	–			3RV1935-1B	5730.-	1
		4	–	–			3RV1935-1C	7015.-	1
		63 ⁵⁾	–	–	2	63	S00, S0	3RV1915-3AB	4100.-
	–		–	4	S00, S0		3RV1915-3CB	5355.-	1
	75 ⁵⁾	–	2	2	108	S2	3RV1935-3A	7015.-	1
		–	3	3			3RV1935-3B	6525.-	1
		–	4	4			3RV1935-3C	9225.-	1
	Covers for connection tags (Touch protection for empty positions)					S00, S0	3RV1915-6AB	475.-	10
S2						3RV1935-6A	850.-	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	270.-	10
Covers for devices with box terminals	2 units required per device (Main current level)	3RV2 S2	3RT2936-4EA2	465.-	1





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MPCBs for motor protection



LP Eff. 01.07.2026

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	8280.-	3VS1300-1MB00	9925.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00		3VS1300-1MD00		1
0.4 - 0.6	3VS1300-0ME00	9640.-	3VS1300-1ME00	11290.-	1
0.6 - 1	3VS1300-0MF00		3VS1300-1MF00		1
1 - 1.6	3VS1300-0MG00		3VS1300-1MG00		1
1.6 - 2.4	3VS1300-0MH00	9715.-	3VS1300-1MH00	11840.-	1
2 - 3.2	3VS1300-0NH00		3VS1300-1NH00		1
2.4 - 4	3VS1300-0MJ00		3VS1300-1MJ00		1
3.2 - 5	3VS1300-0NJ00	10165.-	3VS1300-1NJ00	11940.-	1
4 - 6	3VS1300-0MK00		3VS1300-1MK00		1
5 - 8	3VS1300-0NK00		3VS1300-1NK00		1
6 - 10	3VS1300-0ML00	10265.-	3VS1300-1ML00	12065.-	1
8 - 13	3VS1300-0NL00		3VS1300-1NL00		1
10 - 16	3VS1300-0MM00		3VS1300-1MM00		1
14 - 20	3VS1300-0MN00	12575.-	3VS1300-1MN00	14115.-	1
18 - 25	3VS1300-0MP00		3VS1300-1MP00		1
6 - 10	3VS1600-0ML00	24840.-	3VS1600-1ML00	28015.-	1
10 - 16	3VS1600-0MM00		3VS1600-1MM00		1
16 - 25	3VS1600-0MN00		3VS1600-1MN00		1
22 - 32	3VS1600-0MP00	29130.-	3VS1600-1MP00	31580.-	1
28 - 40	3VS1600-0MQ00		3VS1600-1MQ00		1
36 - 52	3VS1600-0MR00		3VS1600-1MR00		1

Accessories for 3VS

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ 3VU9131-3AA00	2575.-	1
Short-circuit signaling switch	1 NO + 1 NC	■ 3VU9131-7AA00	2970.-	1



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

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®	6645.- 7080.-	1 1
Front drive for 3VS	Fixed coupler	■ 8UC616#	1950.-	1

@ 1 set available with breaker operator kit and 8UC front drive together

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■ Stock items

Please order in multiples of standard packing.

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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 U _e , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I _e (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	36955.-	1
200-480	3	6.5/6/5.5	3RW3014-1BB\$4	42880.-	1
200-480	4	9/8/7	3RW3016-1BB\$4	49145.-	1
200-480	5.5	12.5/12/11	3RW3017-1BB\$4	58215.-	1
200-480	7.5	17.6/17/14	3RW3018-1BB\$4	70065.-	1
200-480	11	25.3/23/21	3RW3026-1BB\$4	77380.-	1
200-480	15	32.2/29/26	3RW3027-1BB\$4	101070.-	1
200-480	18.5	38/34/31	3RW3028-1BB\$4	126195.-	1
200-480	22	45/42/39	3RW3036-1BB\$4	137330.-	1
200-480	30	65/58/53	3RW3037-1BB\$4	186805.-	1
200-480	37	72/62.1/60	3RW3038-1BB\$4	230020.-	1
200-480	45	80/73/66	3RW3046-1BB\$4	257905.-	1
200-480	55	106/98/90	3RW3047-1BB\$4	285800.-	1

\$ Order No. supplement for rated control supply voltage Us

• 24 V AC/DC **0**• 110 ... 230 V AC/DC **1**

Rated operating voltage U _e , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I _e (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	101675.-	1
200...480	11	25 / 23 / 21	3RW4026-1BB\$4	125620.-	1
200...480	15	32 / 29 / 26	3RW4027-1BB\$4	155595.-	1
200...480	18.5	38 / 34 / 31	3RW4028-1BB\$4	191500.-	1
200...480	22	45 / 42 / 39	3RW4036-1BB\$4	217115.-	1
200...480	30	63 / 58 / 53	3RW4037-1BB\$4	256415.-	1
200...480	37	72 / 62 / 60	3RW4038-1BB\$4	290580.-	1
200...480	45	80 / 73 / 66	3RW4046-1BB\$4	327625.-	1
200...480	55	106 / 98 / 90	3RW4047-1BB\$4	364690.-	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 U _e , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I _e (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200 ... 480	75	143 / 128	3RW5055-6AB\$4	412405.-	1
200 ... 480	90	171 / 153	3RW5056-6AB\$4	509470.-	1
200 ... 480	110	210 / 186	3RW5072-6AB\$4	567415.-	1
200 ... 480	132	250 / 220	3RW5073-6AB\$4	582220.-	1
200 ... 480	160	315 / 279	3RW5074-6AB\$4	703550.-	1
200 ... 480	200	370 / 328	3RW5075-6AB\$4	776300.-	1
200 ... 480	250	470 / 416	3RW5076-6AB\$4	849080.-	1
200 ... 480	315	570 / 504	3RW5077-6AB\$4	907645.-	1

\$ Control Voltage Code:

• 24 V AC/DC **0**• 110 ... 230 V AC/DC **1**

- For 3RW50 with operating voltage U_e 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 U _e , 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 I _e (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	11	13/11.5	3RW5213-1AC\$4	171720.-	1
200...480	7.5	15	18/15.9	3RW5214-1AC\$4	190815.-	1
200...480	11	18.5	25/22.3	3RW5215-1AC\$4	219405.-	1
200...480	15	22	32/28.4	3RW5216-1AC\$4	231895.-	1
200...480	18.5	30	38/33.5	3RW5217-1AC\$4	273320.-	1
200...480	22	45	47/41.6	3RW5224-1AC\$4	289865.-	1
200...480	30	55	63/55.5	3RW5225-1AC\$4	347865.-	1
200...480	37	75	77/68	3RW5226-1AC\$4	414095.-	1
200...480	45	90	93/82.5	3RW5227-1AC\$4	521720.-	1
200...480	55	110	113/101	3RW5234-6AC\$4	604565.-	1
200...480	75	132	143/128	3RW5235-6AC\$4	662540.-	1
200...480	90	160	171/151	3RW5236-6AC\$4	683900.-	1
200...480	110	200	210/186	3RW5243-6AC\$4	706970.-	1
200...480	132	250	250/220	3RW5244-6AC\$4	767590.-	1
200...480	160	315	315/279	3RW5245-6AC\$4	828155.-	1
200...480	200	355	370/328	3RW5246-6AC\$4	977240.-	1
200...480	250	400	470/416	3RW5247-6AC\$4	1110990.-	1
200...480	315	560	570/504	3RW5248-6AC\$4	1407845.-	1

\$ Control voltage code:

• 24V AC/DC 0

• 110----250 V AC 1

* – For 3RW52 with operating voltage U_e 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



3RW55: for heavy duty and high end applications

From 5.5 - 315 kW

- 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

NEW



Rated operating voltage U _e , 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 I _e (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	11	13/11.5	3RW5513-1HA\$4	210940.-	1
200...480	7.5	15	18/15.9	3RW5514-1HA\$4	224400.-	1
200...480	11	18.5	25/22.3	3RW5515-1HA\$4	264005.-	1
200...480	15	22	32/28.4	3RW5516-1HA\$4	310595.-	1
200...480	18.5	30	38/33.5	3RW5517-1HA\$4	366095.-	1
200...480	22	45	47/41.6	3RW5524-1HA\$4	388250.-	1
200...480	30	55	63/55.5	3RW5525-1HA\$4	465905.-	1
200...480	37	75	77/68	3RW5526-1HA\$4	554630.-	1
200...480	45	90	93/82.5	3RW5527-1HA\$4	698830.-	1
200...480	55	110	113/101	3RW5534-6HA\$4	809755.-	1
200...480	75	132	143/128	3RW5535-6HA\$4	887455.-	1
200...480	90	160	171/151	3RW5536-6HA\$4	916030.-	1
200...480	110	200	210/186	3RW5543-6HA\$4	946955.-	1
230...480	132	250	250/220	3RW5544-6HA\$4	1028125.-	1
230...480	160	315	315/279	3RW5545-6HA\$4	1109245.-	1
230...480	200	355	370/328	3RW5546-6HA\$4	1308930.-	1
230...480	250	400	470/416	3RW5547-6HA\$4	1488095.-	1
230...480	315	560	570/504	3RW5548-6HA\$4	1885740.-	1
200...480	355	630	630/561	3RW5552-6HA\$4	2492500.-	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:

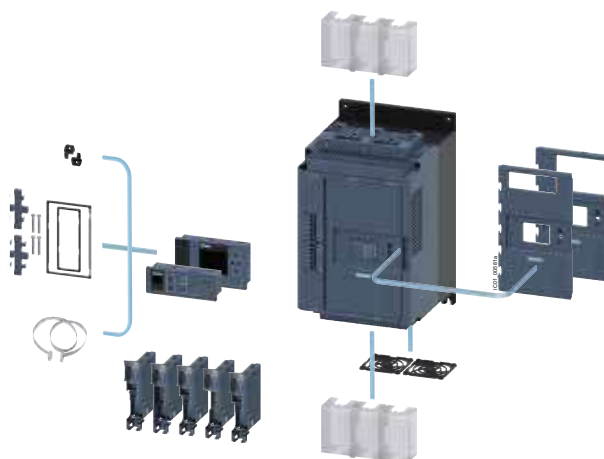
- For 3RW55 with operating voltage U_e 200...690V AC: Change the last digit of MLFB from "4" to "5".
- For 3RW55 with fail safe variant: Change the 10th digit of MLFB from "A" to "F" (available up to 315kW)
- Contact Sales Office for prices

• 24V AC/DC 0

• 115----250 V AC 1

Accessories for 3RW55/3RW52

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Profibus communication module	3RW5980-0CP00	108330.-	1
Profinet communication module	3RW5980-0CS00	121875.-	1
Modbus TCP	3RW5980-0CT00	108330.-	1
External display - Standard HMI	3RW5980-0HS00	37955.-	1
External display - High Featured HMI	3RW5980-0HF00	109615.-	1
PROFINET High-Feature module 3RW55 system redundancy S2	3RW5950-0CH00	144470.-	1
Connection cable for Door Mounting of HMI display module	(5 mtr - Flat)	3RW5980-0HC60	26315.-
	(0.1 mtr - Flat)	3UF7931-0AA00-0	3130.-
	(0.5 mtr - Flat)	3UF7932-0BA00-0	9375.-
	(1 mtr - Round)	3UF7937-0BA00-0	10415.-
	(2.5 mtr - Round)	3UF7933-0BA00-0	11205.-
SIRIUS Soft Starter ES V18 Professional	License key on USB flash drive	3ZS1320-6CC14-0YA5	Upon Request
SIRIUS Soft Starter ES V21 Professional	License key downloaded	3ZS1320-6CE17-0YB5	Upon Request



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

SIMATIC ET 200SP e-Starter

NEW

Siemens
EcoTech



1000x
faster
switching

Smart Start



Compact
design



Can be switched
on again
immediately



worldwide
use



100%
system
integrated

More information
siemens.com/e-starter

Discover
more!



SIEMENS



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	69090.-
48–500V	DOL, 0.09 to 0.75KW	3RM10021AA.4	69090.-
48–500V	DOL, 0.55 to 3KW	3RM10071AA.4	69090.-
48–500V	RDOL, up to 0.12KW	3RM12011AA.4	75205.-
48–500V	RDOL, 0.09 to 0.75KW	3RM12021AA.4	75205.-
48–500V	RDOL, 0.55 to 3KW	3RM12071AA.4	75205.-

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⁺ Agriculture Starters & Controllers

Soch Nayi, Vishwaas Wahi!



SIEMENS

RAJA+ GSM Starters & Controllers

Smart, Efficient &
Sustainable



NEW



Complete Range
for all Agricultural
Applications



Android based application
for extensive
customization



Easy to Install
Just Plug & Play



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.**



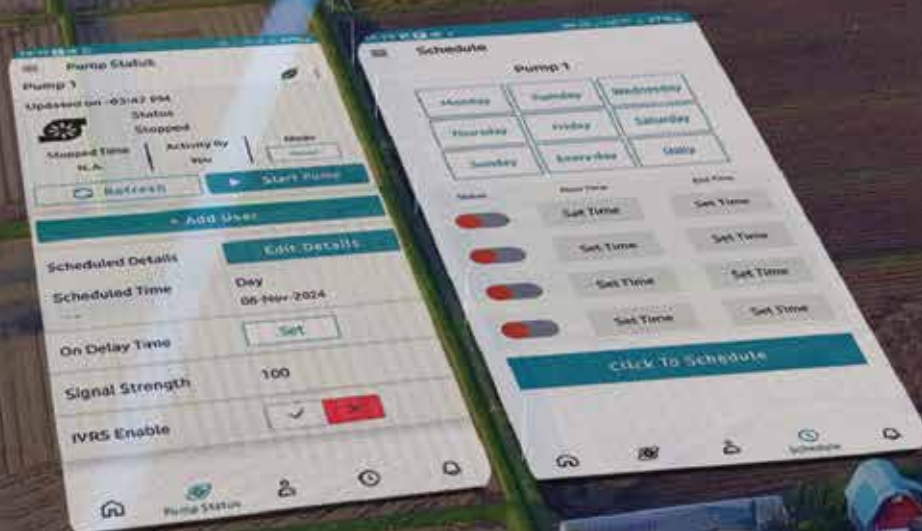
Complete pump
operation status in
one place/one touch



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	5590.-	1
0.75	0.55	3TW72911A.66	1-1.6	5590.-	1
1	0.75	3TW72911A.68	1.6-2.5	5590.-	1
1.5	1.1	3TW72911A.69	2-3.2	5590.-	1
2	1.5	3TW72911A.71	3.2-5	5590.-	1
3	2.2	3TW72911A.72	4-6.3	5590.-	1
5	3.7	3TW72911A.74	6.3-10	5590.-	1
–	–	3TW72911A.75	8-12.5	5590.-	1
7.5	5.5	3TW72911A.77	10-16	5965.-	1
10	7.5	3TW72911A.78	12.5-20	6180.-	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

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)	15600.-	1
20	15	3TW7494-2A..	3US5600-2D8K (20-32A)	19190.-	1
25	18.5	3TW7495-2A..	3US5600-2Q8K (25-36A)	22530.-	1
30	22	3TW7496-2A..	3US5800-2F8K (32-50A)	27800.-	1
40	30	3TW7497-2A..	3US5800-2T8K (40-57A)	35435.-	1
50	37	3TW7498-2A..	3US5800-2V8K (57-70A)	45960.-	1
60	45	3TW7499-2A..	3US5800-8Y8K (70-95A)	51445.-	1
75	55	3TW7590-2A..	3US5800-5C8K (85-105A)	64445.-	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 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	23675.-	1
12.5	9.3	3TE72910A.75	8-12.5	24840.-	1
15	11	3TE72910A.77	10-16	25495.-	1
20	15	3TE72910A.78	12.5-20	29935.-	1
25	18.5	3TE72910A.79	16-25	34345.-	1

⁴⁾ Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)

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)	55555.-	1
40	30	3TE7494-2A..	3US5600-2D8K (20-32 A)	59875.-	1
50	37	3TE7495-2A..	3US5600-2R8K (32-40 A)	83605.-	1
60	45	3TE7496-2A..	3US5800-2F8K (32-50 A)	118595.-	1
75	55	3TE7497-2A..	3US5800-2T8K (40-57 A)	145115.-	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)†	206520.-	1
125	90	3TE7595-2AR0*†	3US58 00-8Y8K (70-95A)†	212615.-	1
150	110	3TE7596-2AR0*†	3US58 00-5D8K (95-120A)†	215640.-	1
180	132	3TE7597-2AR0*†	3US62 20-5B8K (115-180A)†	230820.-	1

Spares for starters

Spares for 3TW7 Starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactora for 200-400V	3TS3010-0AZ608KA0	2880.-	1
Contactora for 200-400V	3TS3210-0AZ608KA0	3755.-	1
Contactora for 415V	3TS3010-0AR008KA0	2880.-	1
Contactora for 415V	3TS3210-0AR008KA0	3755.-	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.)
Contactora for 200-400V	3TS3010-0AZ608K	2725.-	1
Contactora for 415V	3TS3010-0AR008K	2725.-	1
Contactora for 200-400V	3TS3210-0AZ608K	3590.-	1
Contactora for 415V	3TS3210-0AR008K	3370.-	1
Contactora for 200-400V	3TS3300-0AZ608K	4790.-	1
Contactora for 415V	3TS3300-0AR008K	4320.-	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	5170.-	1
3US5600-2D8K	20-32A	8125.-	1
3US5600-2Q8K	25-36A	8125.-	1
3US5800-2T8K	40-57A	10925.-	1
3US5800-2V8K	57-70A	13665.-	1
3US5800-8Y8K	70-95A	13665.-	1
3US5800-5C8K	85-105A	14505.-	1
3US5600-2C8K	16-25 A	7590.-	1
3US5600-2R8K	32-40 A	8500.-	1
3US5800-2F8K	32-50 A	10395.-	1
3US5800-5D8K	95-120A	13815.-	1
3US6220-5B8K	115-180A	24645.-	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	3700.-
Sensor for water level controller relay	Pack of 3 sensor	7UG0985-0YY00	1110.-

Water Level Controller Relay
7UG Series

Reliable Monitoring and Pump Protection for Water Tank Applications

- Accurate Level Monitoring
- Pump Protection
- Automated Control
- Reliable Performance

PRECISE LEVEL CONTROL
Ensures accurate monitoring and consistent performance

PROTECTS YOUR SYSTEM
Prevent dry run, overflow and pump damage

EFFICIENT & RELIABLE
Optimized automation for smart water management

BUILT FOR TRUST
Engineered with Siemens quality and reliability

MRP - Maximum Retail 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	4510.-	1 1
	5 – 100 sec	24/100-127 24/200-240	24 24	■ 3RP1513-1AQ308K ■ 3RP1513-1AP308K	4525.-	1 1
	0.05 sec to 100 Hrs. (15 time setting ranges)	24/100-127 24/200-240	24 24	■ 3RP1525-1AQ308K ■ 3RP1525-1AP308K	6645.-	1 1
		24 to 240	24 to 240	■ 3RP1525-1BW308K#	8970.-	1
Off-delay with 1C/O contacts	0.5 – 10 sec	24/100-127 24/200-240	24 24	■ 3RP1531-1AQ308K ■ 3RP1531-1AP308K	5980.-	1 1
	5 – 100 sec	24/100-127 24/200-240	24 24	■ 3RP1533-1AQ308K ■ 3RP1533-1AP308K	6080.-	1 1
Multi-function with 1C/O contacts	0.05 sec to 100 Hrs. (15 time setting ranges)	24 - 240	24 - 240	■ 3RP1505-1AW308K	9260.-	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*	1945.-	1 pack
Star-Delta 1NO inst & 1NO delayed	1 – 20 sec	200-240 / 380-440V AC		3RP1574-1NM208K	4565.-	1
	3 – 60 sec	24/100-127	24	■ 3RP1576-1NQ308K	4675.-	1
		24/200-240	24	■ 3RP1576-1NP308K	4675.-	1
		200-240/380-440V AC		■ 3RP1576-1NM208K	4815.-.®	1
		230-400V AC		■ 3RP1576-1NP208K	4815.-.®	1
Push-in lug (for mounting 3RP timer with screws)				3RP19038K (1 pack = 10 pcs)	405.-	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	32705.-	1
	1.6...16	24...240V AC/DC	3RR2141-1AW30	35620.-	1
S0	4 ... 40	24V AC/DC	3RR2142-1AA30	41155.-	1
	4 ... 40	24...240V AC/DC	3RR2142-1AW30	43975.-	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	66720.-	1
	1.6...16	24...240V AC/DC	3RR2241-1FW30	72675.-	1
S0	4 ... 40	24V AC/DC	3RR2242-1FA30	78655.-	1
	4 ... 40	24...240V AC/DC	3RR2242-1FW30	83400.-	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	40050.-	1
Yes	Yes	20%	160-690V	-	Off delay 0.1-20 s	-	2 CO	160-690V	3UG5514-1BR20	60475.-	1
Yes	Yes	Yes	90-690V	90-690V	Off delay 0.1-30 s	Yes	2 CO	90-690V	3UG5616-1CR20	68755.-	1

3UG Monitoring Relays for Electrical and Additional Measurements

Function	Version of Auxiliary Contacts	Control supply voltage $U_s^{1)}$	Type	Unit LP ₹	Std. pkg. (nos.)
	CO	V AC			
Phase Sequence Monitoring 3 Phase	1	200...690	3UG5511-1AR20	39525.-	1
	2		3UG5511-1BR20	44070.-	1
Monitoring of phase sequence, phase failure and phase unbalance	2	200...690	3UG5512-1BR20	46320.-	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	68755.-	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	63570.-	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	49955.-	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	63570.-	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	35500.-	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	18925.-	1

Insulation monitoring relay -3UG

Measuring Range U_e 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	91880.-	1
		0 ... 250 AC	3UG4582-1AW31	84990.-	1
1-110	Insulation monitors for ungrounded DC & AC networks	0 ... 400 AC, 0 ... 600 DC ¹⁾	3UG4583-1CW31	187250.-	1
	Voltage reducer modules	Extending the mains voltage range to max. 690 V AC and 1000 V DC	3UG4983-1AA01	100275.-	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	2650.-	1
	Self powered	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	6210.-	1
	Self powered	3Ph-3W, 3Ph-4W	7UG0818-1CA20	5685.-	1
Voltage Monitoring relay	Self powered	3Ph-3W	7UG0753-1AA20	4520.-	1
Current Monitoring relay	230 V AC	1Ph-2W	7UG0822-1AD20	7005.-	1
	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	8945.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	8515.-	1
Earth leakage relay	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	9440.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	9535.-	1
CBCT for ELR		35mm	7UG09-96	3430.-	1
		70mm	7UG09-97	3925.-	1
		120mm	7UG09-99	6690.-	1
		210mm	7UG0 994*	12860.-	1
		310mm	7UG0 995*	19170.-	1
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W		7UG0861-1BU20	9755.-	1
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P		7UG09910	3365.-	1
	Core Balance CT 160 frame, 4P		7UG09911	3840.-	1
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P		7UG09912	4065.-	1
	Core Balance CT 250 frame, 4P		7UG09913	4790.-	1
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P		7UG09914	5995.-	1
	Core Balance CT 630 frame, 4P		7UG09915	6490.-	1
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display		7UG0571-1FT20	35670.-	1
	12 Stage with LCD display		7UG0572-1GT20	38210.-	1
	12 stage with LED display		7UG0572-1GT21	21845.-	1
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output		7UG0 480-1IU20	7160.-	1
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	3700.-	1
Sensor for water level controller relay	Pack of 3 sensor		7UG0985-0YY00	1110.-	1
Thermistor protection relay	110-240V AC/DC		7UG0881-1BU20	4310.-	1

7PV0 timers

Description			Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC		7PV0712-1AD20	2620.-	1
Multifunction timer with digital display	20-240V AC/DC		7PV0732-1AV20	5145.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC		7PV0723-1AZ20	3430.-	1

Note: * Non RoHS and CE

Plug-in-relay - 7RQ

Now in
TI - GREY

NEW

CE RoHS
Compliant

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	DC	24	7RQ0100-0AC00	605.- 10
			48	7RQ0100-0AD00	805.- 10
			110	7RQ0100-0AE00	1090.- 10
	• Mechanical Flag • LED indicator	AC	24	7RQ0100-0AM10	765.- 10
			48	7RQ0100-0AN10	1090.- 10
			110	7RQ0100-0AP10	1135.- 10
			230	7RQ0100-0AR10	1160.- 10
2CO					
	6A 8 pin	DC	24	7RQ0100-0BC00	830.- 10
			48	7RQ0100-0BD00	995.- 10
			110	7RQ0100-0BE00	1075.- 10
	• Mechanical Flag • LED indicator	AC	24	7RQ0100-0BM10	970.- 10
			48	7RQ0100-0BN10	1075.- 10
			110	7RQ0100-0BP10	1100.- 10
			230	7RQ0100-0BR10	1120.- 10
2CO					
	10A 8 pin	DC	24	7RQ0110-0BC00	1075.- 10
			48	7RQ0110-0BD00	1315.- 10
			110	7RQ0110-0BE00	1425.- 10
	• LED indicator	AC	24	7RQ0110-0BM00	1285.- 10
			48	7RQ0110-0BN00	1445.- 10
			110	7RQ0110-0BP00	1425.- 10
			230	7RQ0110-0BR00	1480.- 10
3CO					
	10A 11 pin	DC	24	7RQ0100-0CC00	1375.- 10
			48	7RQ0100-0CD00	1445.- 10
			110	7RQ0100-0CE00	1680.- 10
	• LED indicator	AC	24	7RQ0100-0CM00	1460.- 10
			48	7RQ0100-0CN00	1540.- 10
			110	7RQ0100-0CP00	1650.- 10
			230	7RQ0100-0CR00	1680.- 10
4CO					
	5A 14 pin	DC	24	7RQ0100-0DC00	1265.- 10
			48	7RQ0100-0DD00	1325.- 10
			110	7RQ0100-0DE00	1500.- 10
	• LED indicator	AC	24	7RQ0100-0DM00	1315.- 10
			48	7RQ0100-0DN00	1340.- 10
			110	7RQ0100-0DP00	1460.- 10
			230	7RQ0100-0DR00	1480.- 10

* Control supply voltage available upon request: DC: 6V, 12 & AC: 6V, 12V, 115V

Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)
1CO				
	PCB mounted	7RQ0202-1AX00	210.-	10
	Din rail mounting	7RQ0201-1AX00	365.-	10
2CO				
	PCB mounted	7RQ0202-1BX00	210.-	10
	Din rail mounting	7RQ0201-1BX00	475.-	10
2CO				
	PCB mounted	7RQ0212-1BX00	250.-	10
	Din rail mounting	7RQ0211-1BX00	610.-	10
3CO				
	Din rail mounting	7RQ0201-1CX00	830.-	10
4CO				
	PCB mounted	7RQ0202-1DX00	330.-	10
	Din rail mounting	7RQ0201-1DX00	585.-	10



SIRIUS ACT

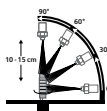
Performance in action

www.siemens.com/SIRIUS-Act

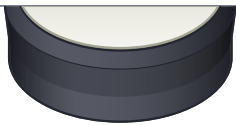
SIEMENS

An overview of the variety

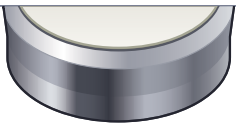
Body design lines and button colors



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.



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	1840.-		3SU1050-0AB_0-0AA0 ↑ Colour	2380.-	1 ● Black 2 ● Red 3 ● Yellow 4 ● Green 5 ● Blue 6 ○ White 7 ○ Clear 8 ○ Gray	
Illuminated pushbutton, 22 mm, round, flat momentary contact type		3SU1001-0AB_0-0AA0 ↑ Colour	2565.-		3SU1051-0AB_0-0AA0 ↑ Colour	2900.-	0 ● Amber 2 ● Red 3 ● Yellow 4 ● Green 5 ● Blue 6 ○ White 7 ○ 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	3990.-		3SU1052-2BF_0-0AA0 ↑ Colour	4445.-	1 ● Black 2 ● Red 3 ● Yellow 4 ● Green 5 ● Blue 6 ○ 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	3990.-		3SU1052-2BL_0-0AA0 ↑ Colour	4445.-	1 ● Black 2 ● Red 3 ● Yellow 4 ● Green 5 ● Blue (only in plastic version) 6 ○ White	
RONIS key-operated switch, 2 switch positions O-I, latching, actuating angle 90°		3SU1000-4BF01-0AA0	9715.-		3SU1050-4BF01-0AA0	10555.-		
RONIS key-operated switch, 3 switch positions I-O-II, latching, actuating angle 2x45°		3SU1000-4BL01-0AA0	10255.-		3SU1050-4BL01-0AA0	11125.-		
EMERGENCY STOP mushroom pushbutton, 22 mm, round, red, 40 mm, positive latching, rotate-to-unlatch		3SU1000-1HB20-0AA0	7725.-		3SU1050-1HB20-0AA0	8490.-		
EMERGENCY STOP mushroom pushbutton, illuminable, 22 mm, round, red, 40 mm, positive latching, rotate-to-unlatch		3SU1001-1HB20-0AA0	8100.-		3SU1051-1HB20-0AA0	9425.-		
Twin pushbutton, 22 mm, round, green: I, red: O, pushbuttons, flat and raised		3SU1000-3BB42-0AK0	4130.-		3SU1050-3BB42-0AK0	5025.-		
Indicator lights, 22 mm, round, lens, smooth		3SU1001-6AA_0-0AA0 ↑ Colour	1505.-		3SU1051-6AA_0-0AA0 ↑ Colour	1740.-	0 ● Amber 2 ● Red 3 ● Yellow 4 ● Green 5 ● Blue 6 ○ White 7 ○ Clear	



Description		Type	Unit LP ₹		Type	Unit LP ₹	
Holder to be selected along with individual Actuating and Signaling Elements		Plastic Holder 3SU1500-0AA10-0AA0*	815.-		Universal Holder - Suitable for Plastic and Metal 3SU1550-0AA10-0AA0*	900.-	

Description		Type	Unit LP ₹
Contact Modules	1NO	3SU1400-1AA10-1BA0*	1865.-
	1NC	3SU1400-1AA10-1CA0*	1865.-
	1NO+1NC	3SU1400-1AA10-1FA0	3115.-
	2NO	3SU1400-1AA10-1DA0	4300.-
	2NC	3SU1400-1AA10-1EA0	4300.-
Protective collar for EMERGENCY STOP Mushroom pushbuttons		3SU1900-0DY30-0AA0	3100.-

Description		Type	Unit LP ₹	Colour
LED Modules	24V AC/DC	3SU1401-1BB_0-1AA0 *	2900.-	0 ● Amber
	110V AC	3SU1401-1BC_0-1AA0	5120.-	2 ● Red
	230V AC	3SU1401-1BF_0-1AA0	5120.-	3 ● Yellow
	6 ... 24 V AC/DC	3SU1401-1BG_0-1AA0	3490.-	4 ● Green
	24 ... 240V AC/DC	3SU1401-1BH_0-1AA0 ↑ Colour	6190.-	5 ● Blue 6 ○ White

* MOQ - 5



SIRIUS ACT

Innovative Technology...
Simple Installations...

NEW

SIRIUS ACT with PROFINET

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	815.-				
	Universal	3SU1550-0AA10-0AA0	900.-				
Profinet Interface Modules							
Standard IM, 24 V DC 1 ... 20 terminal modules can be connected		3SU1400-1LK10-1AA1	92020.-				
Fail Safe IM F, 24 V DC 1 ... 20 terminal modules can be connected		3SU1400-1LL10-1BA1	143680.-				
Profinet Terminal Modules							
				2 Contacts	2 Contacts with LED	LED	Colour
With 2 contacts	3SU1400-1MA10-1BA1		14065.-				0  Amber
With 2 contacts and integrated LED	3SU1401-1MC_0-1CA1 ↑ Colour		14725.-				2  Red
	3SU1401-1ME_0-1DA1 ↑ Colour		13615.-				3  Yellow
							4  Green
							5  Blue
With integrated LED							6  White
Accessories							
Flat Ribbon Cable, 7-core		3SU1900-0KQ80-0AA0	2030.-				

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 ₹	Description			Type	Unit LP ₹
ID Key operated switches					Electronic Modules				
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	20865.-	Electronic modules for ID key-operated switches		3SU1400-1GC10-1AA0	60275.-	
Holder Holder needs to be selected along with individual Actuating and Signaling Elements	Plastic		3SU1500-0AA10-0AA0	815.-	ID Keys				
					Green: ID Group 1		3SU1900-0FV40-0AA0	3900.-	
					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	570.-	10
		Green	■ 3SB5285-6HE01		10
		Amber	■ 3SB5285-6HL01		10
		Blue	■ 3SB5285-6HF01	1430.-	10
		White	■ 3SB5285-6HG01	570.-	10
		Yellow	■ 3SB5285-6HD01		10
		Clear	■ 3SB5285-6HH01		10
	30V DC ®	Red	■ 3SB5285-6HC13	635.-	10
		Green	■ 3SB5285-6HE13		10
		Amber	■ 3SB5285-6HL13		10
		Blue	■ 3SB5285-6HF13	1640.-	10
		White	■ 3SB5285-6HG13	635.-	10
		Yellow	■ 3SB5285-6HD13		10
		Clear	■ 3SB5285-6HH13		10
	110 V AC 50/60 Hz	Red	■ 3SB5285-6HC02	570.-	10
		Green	■ 3SB5285-6HE02		10
		Amber	■ 3SB5285-6HL02		10
		Blue	■ 3SB5285-6HF02	1430.-	10
		White	■ 3SB5285-6HG02	570.-	10
		Yellow	■ 3SB5285-6HD02		10
		Clear	■ 3SB5285-6HH02		10
	110 V DC®	Red	■ 3SB5285-6HC04	635.-	10
		Green	■ 3SB5285-6HE04		10
		Amber	■ 3SB5285-6HL04		10
		Blue	■ 3SB5285-6HF04	1640.-	10
		White	■ 3SB5285-6HG04	635.-	10
		Yellow	■ 3SB5285-6HD04		10
		Clear	■ 3SB5285-6HH04		10
	220/240 V AC 50/60 Hz	Red	■ 3SB5285-6HC03	570.-	10
		Green	■ 3SB5285-6HE03		10
		Amber	■ 3SB5285-6HL03		10
		Blue	■ 3SB5285-6HF03	1430.-	10
		White	■ 3SB5285-6HG03	570.-	10
		Yellow	■ 3SB5285-6HD03		10
		Clear	■ 3SB5285-6HH03		10
	220 V DC®	Red	■ 3SB5285-6HC05	635.-	10
		Green	■ 3SB5285-6HE05		10
		Amber	■ 3SB5285-6HL05		10
		Blue	■ 3SB5285-6HF05	1640.-	10
		White	■ 3SB5285-6HG05	635.-	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	950.-	10
		Green	■ 3SB5235-6HE14		10
		Amber	■ 3SB5235-6HL14		10
		Blue	■ 3SB5235-6HF14	1625.-	10
		White	■ 3SB5235-6HG14	950.-	10
		Yellow	■ 3SB5235-6HD14		10
		Clear	■ 3SB5235-6HH14		10

Modular Indicating Lamps (with plastic front ring) Lens Assembly

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	■ 3SB5201-6BC00	190.-	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	495.-	10
		Green	■ 3SB5400-7CE	495.-	10
		Amber	■ 3SB5400-7CL	495.-	10
		Blue	■ 3SB5400-7CF	1575.-	10
		White†	■ 3SB5400-7CG	495.-	10
		Yellow	■ 3SB5400-7CD	495.-	10
	110 V AC 50/60 Hz	Red	■ 3SB5400-7EC	495.-	10
		Green	■ 3SB5400-7EE	495.-	10
		Amber	■ 3SB5400-7EL	495.-	10
		Blue	■ 3SB5400-7EF	1575.-	10
		White†	■ 3SB5400-7EG	495.-	10
		Yellow	■ 3SB5400-7ED	495.-	10
	110 V DC®	Red	■ 3SB5400-7DC	495.-	10
		Green	■ 3SB5400-7DE	495.-	10
		Amber	■ 3SB5400-7DL	495.-	10
		Blue	■ 3SB5400-7DF	1575.-	10
		White†	■ 3SB5400-7DG	495.-	10
		Yellow	■ 3SB5400-7DD	495.-	10
	230 V AC 50/60 Hz	Red	■ 3SB5400-7TC	495.-	10
		Green	■ 3SB5400-7TE	495.-	10
		Amber	■ 3SB5400-7TL	495.-	10
		Blue	■ 3SB5400-7TF	1575.-	10
		White†	■ 3SB5400-7TG	495.-	10
		Yellow	■ 3SB5400-7TD	495.-	10
	220 V DC®	Red	■ 3SB5400-7HC	495.-	10
		Green	■ 3SB5400-7HE	495.-	10
		Amber	■ 3SB5400-7HL	495.-	10
		Blue	■ 3SB5400-7HF	1575.-	10
		White†	■ 3SB5400-7HG	495.-	10
		Yellow	■ 3SB5400-7HD	495.-	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	170.-	10
		Green ■ 3SB5000-0AE01		
		Blue ■ 3SB5000-0AF01		
		White ■ 3SB5000-0AG01		
		Yellow ■ 3SB5000-0AD01		
	Raised	Black ■ 3SB5000-0AB01	195.-	10
		Red ■ 3SB5000-0LC01		
		Green ■ 3SB5000-0LE01		
		Blue ■ 3SB5000-0LF01		
		White ■ 3SB5000-0LG01		
Illuminated actuator (with holder for contact block)				
	Normal	Red ■ 3SB5001-0AC01-0PQ0	220.-	10
		Green ■ 3SB5001-0AE01-0PQ0		
		Amber ■ 3SB5001-0AL01-0PQ0		
		Blue ■ 3SB5001-0AF01-0PQ0		
		White ■ 3SB5001-0AG01-0PQ0		
	Raised	Yellow ■ 3SB5001-0AD01-0PQ0	230.-	10
		Clear ■ 3SB5001-0AH01-0PQ0		
		Red ■ 3SB5218-0LC01-0PQ0		
		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	585.-	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	595.-	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	570.-	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		
3 position illuminated selector actuator (with holder for contact block)					
	Maintained	Red	■ 3SB5001-2DC01	600.-	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	205.-	10
	1NC	■ 3SB5400-0C		10
	1NO + 1 NC	■ 3SB5400-0A		10
	2 NO	■ 3SB5400-0E	385.-	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	360.-	10
	Red	■ 3SB5000-1NC01		
push to trip, turn to release	Black	■ 3SB5000-1CB01	405.-	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 MNCB				
Mushroom Actuator, E-Stop (40mm) with MNCB (1NC)	Red	■ 3SB5204-0UC01	690.-	10
MNCB (Mounting Monitoring Contact Block, 1NC)		■ 3SB5400-0M	330.-	10

MNCB 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	665.-	10
Mushroom actuator (40 mm ø) push to trip, turn to release	Red	■ 3SB5000-0UC01	485.-	10
Mushroom actuator (40 mm ø) push to trip, key to release	Red	■ 3SB5000-0TC01	2540.-	10

Modular key actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
2 position key actuator (with holder for contact block)	Maintained	 ■ 3SB5000-4AC01	950.-	10
		 3SB5000-4AA01		10
		 3SB5000-4AB01		10
	Momentary	 ■ 3SB5000-4TA01		10
		 3SB5000-4TC01		10
3 position key actuator (with holder for contact block)	Maintained	 ■ 3SB5000-4HA01	995.-	10
		 3SB5000-4HC01		10
		 3SB5000-4HB01		10
	Momentary	 ■ 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	725.-	10
Illuminated with 1NO & 1NC	■ 3SB5234-7EC01	765.-	10
Modular actuator with holder for contact block			
Opaque	■ 3SB5000-7EC01	350.-	10
Illuminated	■ 3SB5001-7EC01	365.-	10

■ Stock items

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	2400.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	3SB5801-8AN3	2580.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	3SB5801-8AM3	3400.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5802-8AC3	2975.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	3SB5802-8AE3	3770.-	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	4220.-	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	4050.-	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	5270.-	1
Plastic Enclosure				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5801-7AA3	1375.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	3SB5801-7AN3	1375.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	3SB5801-7AM3	1495.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5802-7AC3	1615.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	3SB5802-7AE3	1855.-	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	2045.-	1
Pendant mounting: Plastic				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5821-7AA3	2965.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5822-7AC3	3625.-	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	4740.-	1



Accessories for push button stations

Description	Type	Unit LP ₹	Std Pkg (nos.)
Plastic Enclosures			
1 way, Grey	3SB5801-0AC3	1000.-	1
2 way, Grey	3SB5802-0AC3	855.-	1
3 way, Grey	3SB5803-0AC3	870.-	1
4 way, Grey	3SB5804-0AC3	1910.-	1
6 way, Grey	3SB5806-0AC3	2660.-	1
1 way, Yellow	3SB5801-0AD3	1000.-	1
Metal Enclosures			
1 way	3SB5801-4AC3	2025.-	1
2 way	3SB5802-4AC3	2200.-	1
3 way	3SB5803-4AC3	3060.-	1
Contact Block			
Contact block for base mounting, 1NO	3SB54200B	205.-	10
Contact block for base mounting, 1NC	3SB54200C	205.-	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	390.-	10
Blanking plug			
Blanking plug	3SB5912-0BC	120.-	10

Accessories

Description		Type	Unit LP ₹	Std Pkg (nos.)
Inscription plates	START	3SB5901-2EL	90.-	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	90.-	10
Thrust pad for Selector Actuators (for actuating middle module)		3SB5912-0AN	90.-	10
Adaptor plate for replacing 30 mm PB by 22 mm		3SB5921-0AE	90.-	10
E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)		3SB5921-0AB	90.-	10
E-stop Yellow dia. 75 mm with "EMERGENCY STOP" printing		3SB5921-0AD	90.-	10
Protective Cap (IP-67) for	Normal	3SB5902-0AK	110.-	10
	Raised	3SB5902-0AN		
Metallic holder for front connection actuators (when used outside 3SB508 stations)		3SB5911-1AA	130.-	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	1380.-	10
		Slow Action		3SE5250-0BC05	1310.-	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	2125.-	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	1530.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05	1475.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05	2240.-	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	1640.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05	1500.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05	2420.-	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	2435.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05	2210.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05	2610.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05	2780.-	1
		Slow Action	2NO + 1NC	3SE5212-0PC05		1
40mm		Snap Action	1NO + 1NC	3SE5112-0CA00	2630.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00	2360.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00	2825.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00	2975.-	1
		Slow Action	2NO + 1NC	3SE5112-0PA00		1
56mm		Snap Action	1NO + 1NC	3SE5122-0CA00	2935.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00	2695.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00	3745.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00	4070.-	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	565.-	5
Roller lever		3SE5000-0AE10	275.-	5
Angular Roller lever		3SE5000-0AF10	355.-	5
Part turn actuator for twist lever		3SE5000-0AK00	295.-	5
Twist Lever		3SE5000-0AA21#	240.-	5
Twist Lever (Adjustable)		3SE5000-0AA50#	480.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58#	720.-	5
Twist lever 50mm dia (Adjustable) Plastic roller		3SE5000-0AA57#	540.-	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	630.-	5
Roller lever		3SE5000-0AE11	425.-	5
Part turn actuator for twist lever		3SE5000-0AK00	295.-	5
Twist Lever (Adjustable)		3SE5000-0AA51#	570.-	5
Plain Plunger		3SE5000-0AB01	805.-	5

Plastic Roller Actuators heads for metal 40mm and 56mm

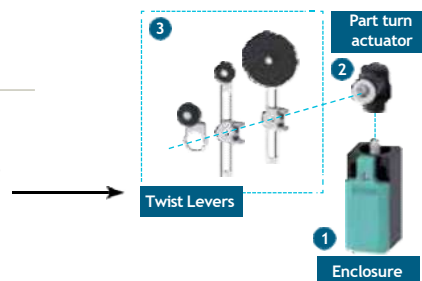
Actuator Type	Actuators heads	Type	Unit LP R	Std. pkg. (nos.)
Roller lever		3SE5000-0AE01	415.-	5
Angular Roller lever		3SE5000-0AF01	750.-	5
Part turn actuator for twist lever		3SE5000-0AH00	600.-	5
Twist Lever		3SE5000-0AA01#	275.-	5
Twist Lever (Adjustable)		3SE5000-0AA50#	480.-	5
Fork type		3SE5000-0AT01\$	355.-	5
Mounting Head for Fork Type		3SE5000-0AT10	3095.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58#	720.-	5
Twist lever 50mm dia (Adjustable) Plastic roller		3SE5000-0AA57#	540.-	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	505.-	5
Roller Plunger		3SE5000-0AD02	755.-	5
Roller lever		3SE5000-0AE02	685.-	5
Angular Roller lever		3SE5000-0AF02	835.-	5
Part turn actuator for twist lever		3SE5000-0AH00	600.-	5
Twist Lever		3SE5000-0AA02#	335.-	5
Twist Lever (Adjustable)		3SE5000-0AA51#	570.-	5

Notes:

- The basic switch comes with a Teflon plunger, in case of rounded plunger requirements no need to order actuator separately
- # Twist levers are to be ordered with part turn actuator to allow fitment on enclosure
- \$ 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	570.-	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*	1170.-	10
		Snap action		3SE5050-0CA00*		10
		Slow action		3SE5000-0BA00		10
		Snap action		3SE5000-0CA00		10
		Slow action	1NO + 2NC	3SE5000-0KA00	1475.-	10
		Snap action		3SE5000-0LA00		10
		Slow-action contacts with make-before-break		3SE5000-0MA00		10
		Slow action	2NO + 1 NC	3SE5000-0PA00	1555.-	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	1790.-	5

Actuator Type		Type	Type	Unit LP R	Std. pkg. (nos.)
31MM		Plastic	3SE5232-0AC05	1055.-	1
50MM			3SE5242-0AC05	1555.-	1
31MM		Metal	3SE5212-0AC05	1760.-	1
40MM			3SE5112-0AA00	2125.-	1
56MM			3SE5122-0AA00	2390.-	1



SIRIUS Safety switches

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	1110.-	10
		Slow Action		3SE5250-0BC05-8K	1060.-	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	1720.-	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	1230.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05-8K	1200.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05-8K	1810.-	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	1325.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05-8K	1215.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05-8K	1960.-	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	1975.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05-8K	1790.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05-8K	2110.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05-8K	2245.-	1
		Slow Action	2NO + 1NC	3SE5212-0PC05-8K		1
40mm		Snap Action	1NO + 1NC	3SE5112-0CA00-8K	2125.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00-8K	1890.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00-8K	2300.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00-8K	2410.-	1
		Slow Action	2NO + 1NC	3SE5112-0PA00-8K		1
56mm		Snap Action	1NO + 1NC	3SE5122-0CA00-8K	2380.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00-8K	2175.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00-8K	3035.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00-8K	3290.-	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	450.-	5
Roller lever		3SE5000-0AE10-8K	230.-	5
Angular Roller lever		3SE5000-0AF10-8K	285.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	235.-	5
Twist Lever		3SE5000-0AA21-8K [#]	195.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K [#]	390.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58-8K [#]	585.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K [#]	435.-	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	330.-	5
Angular Roller lever		3SE5000-0AF01-8K	605.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	490.-	5
Twist Lever		3SE5000-0AA01-8K [#]	230.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K [#]	390.-	5
Fork type		3SE5000-0AT01-8K ^{\$}	285.-	5
Mounting Head for Fork Type		3SE5000-0AT10-8K	2510.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58-8K [#]	585.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K [#]	435.-	5

Notes:

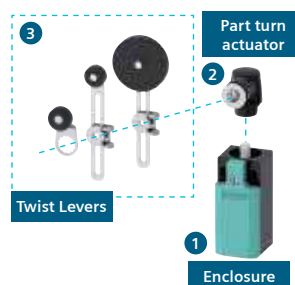
1. The basic switch comes with a Teflon plunger, in case of rounded plunger requirements no need to order actuator separately
2. # Twist levers are to be ordered with part turn actuator to allow fitment on enclosure
3. \$ Fork type actuator shall be ordered with mounting head 3SE5000-0AT10-8K

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	505.-	5
Roller lever		3SE5000-0AE11-8K	350.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	235.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K [#]	455.-	5
Plain Plunger		3SE5000-0AB01-8K	650.-	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	405.-	5
Roller Plunger		3SE5000-0AD02-8K	620.-	5
Roller lever		3SE5000-0AE02-8K	555.-	5
Angular Roller lever		3SE5000-0AF02-8K	670.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	490.-	5
Twist Lever		3SE5000-0AA02-8K [#]	275.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K [#]	455.-	5



Spare and Accessories

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	3SE5250-0AC05-8K	455.-	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*	945.-	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	1200.-	10
		Snap action		3SE5000-0LA00-8K		10
		Slow-action contacts with make-before-break		3SE5000-0MA00-8K	1250.-	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	1790.-	5

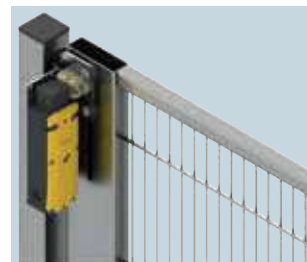
Actuator Type		Type	Type	Unit LP ₹	Std. pkg. (nos.)
31MM		Plastic	3SE5232-0AC05-8K	855.-	1
50MM			3SE5242-0AC05-8K	1250.-	1
31MM		Metal	3SE5212-0AC05-8K	1425.-	1
40MM			3SE5112-0AA00-8K	1720.-	1
56MM			3SE5122-0AA00-8K	1935.-	1



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



3SE5000-0AV01



3SE5000-0AV02



3SE5000-0AV03



3SE5000-0AV05-1AA6



3SE5000-0AV07

Accessories

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

Prices available on request

SIEMENS

Easy, flexible, efficient

Integrated connection of the field level to the control –
Revolutionized automation applications with AS-I and benefits

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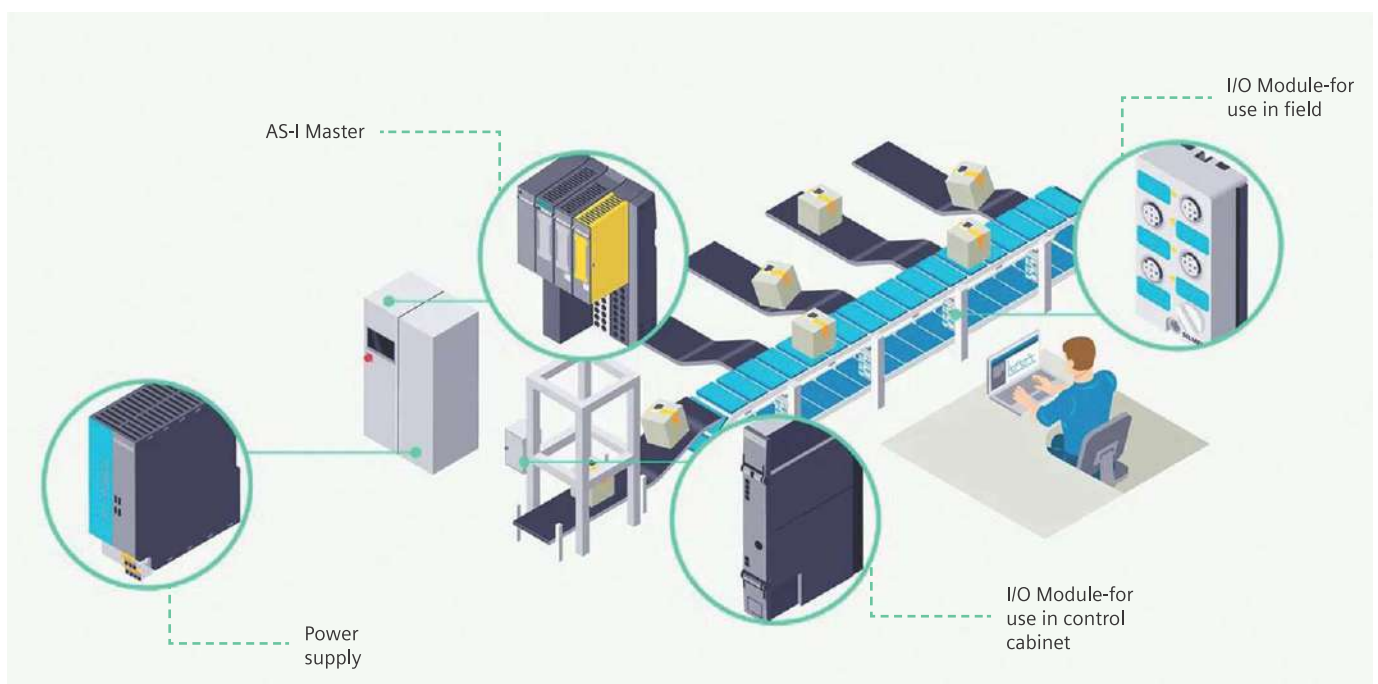
AS-I Masters and Power supplies



I/O Modules



Integrated Solutions





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

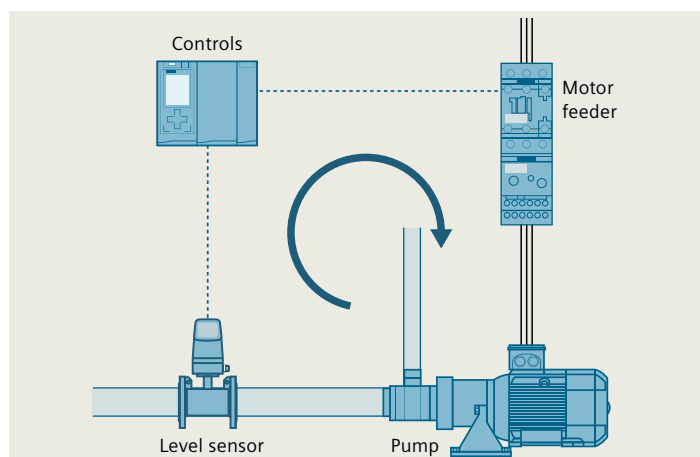
Configuration Software

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

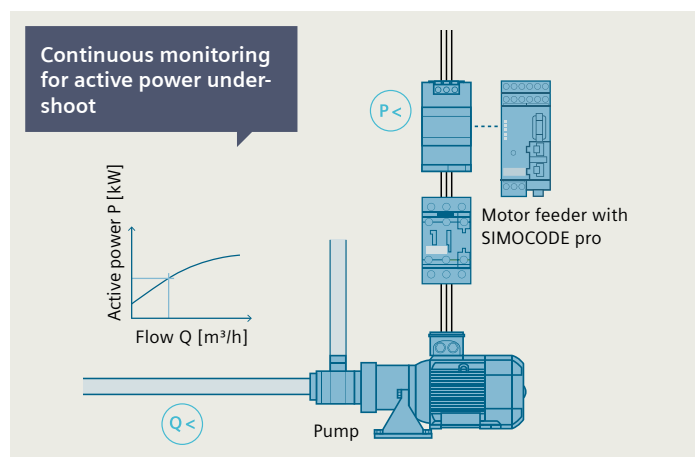
Accessories

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

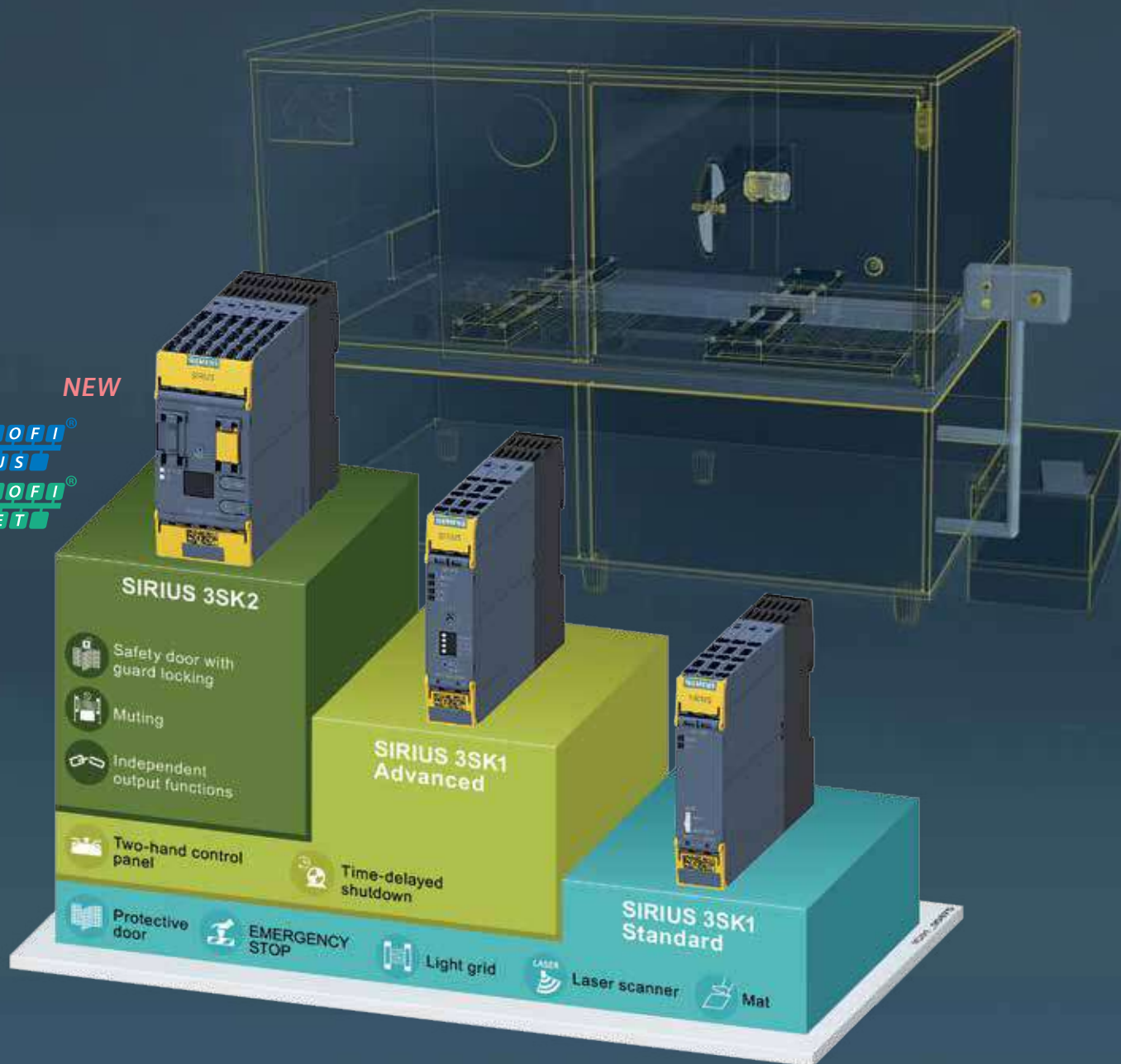


Conventional dry running monitoring with a sensor



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
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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	60800.-	1
3SK1111-1AW20		3	1	--	--	110-240V AC/DC	60800.-	1
	3SK1112-1BB40	2	1	--	--	24V DC	55880.-	1
SIRIUS 3SK1 advanced basic units								
3SK1121-1CB41		2	--	2	0.05...3 Sec	24V DC	93175.-	1
3SK1121-1CB42		2	--	2	0.5...30 Sec	24V DC	93175.-	1
3SK1121-1CB44		2	--	2	5.0...300 Sec	24V DC	93175.-	1
	3SK1122-1CB41	2	--	2	0.05...3 Sec	24V DC	55880.-	1
	3SK1122-1CB42	2	--	2	0.5...30 Sec	24V DC	55880.-	1
	3SK1122-1CB44	2	--	2	5.0...300 Sec	24V DC	55880.-	1
SIRIUS 3SK1 Output expansion module								
3SK1211-1BB00		4	1			24V AC	54780.-	1
3SK1211-1BB40		4	1			24V DC	54780.-	1
3SK1211-1BW20		4	1			110-240V AC/DC	54780.-	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



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.

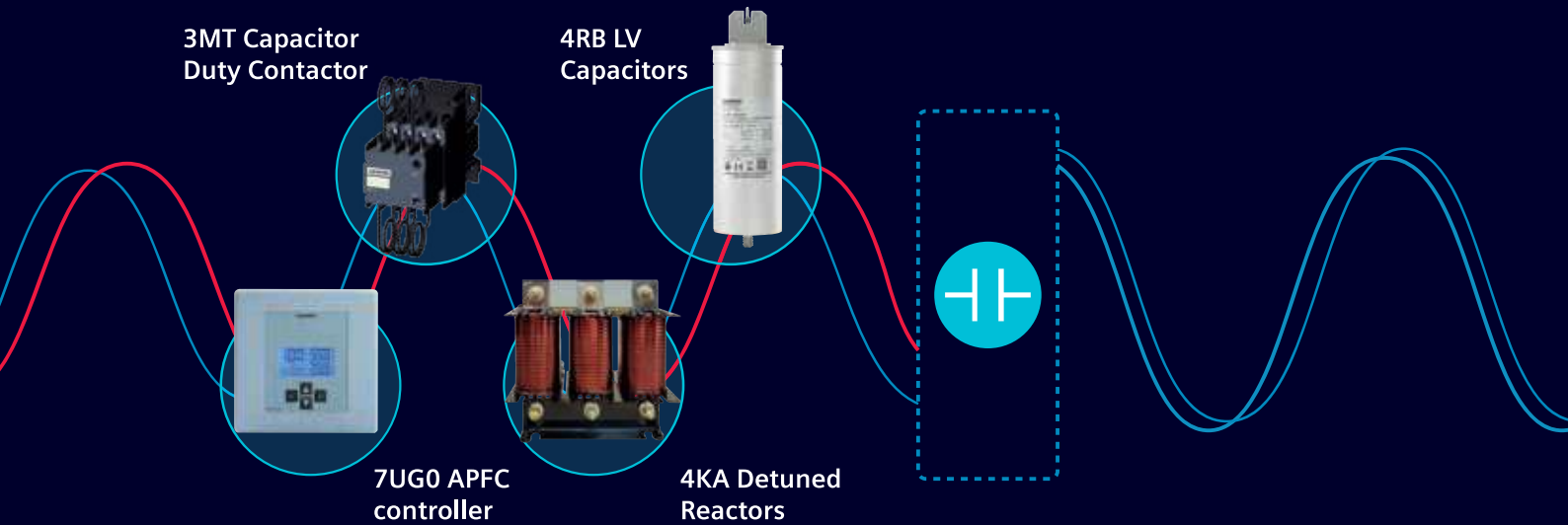
These coupling relays are also an integral component of the 3SK safety relay system and serve as an output expansion module. 3RQ1 coupling relays are available in two variants to fulfill SIL 2 & SIL 3.



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



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 disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	4925.-	1
	6	4RB2060-3EE52-8K	5260.-	1
	7	4RB2070-3EE52-8K	6140.-	1
	7.5	4RB2075-3EE52-8K	7090.-	1
	8.3	4RB2083-3EE52-8K	7040.-	1
	10	4RB2100-3EE52-8K	8070.-	1
	12.5	4RB2125-3EE52-8K	9475.-	1
	15	4RB2150-3EE52-8K	11365.-	1
	20	4RB2200-3EE52-8K	15095.-	1
	20.8	4RB2208-3EE52-8K	15740.-	1
	25	4RB2250-3EE52-8K	18905.-	1
	28	4RB2280-3EE52-8K	21170.-	1
	30	4RB2300-3EE52-8K	22700.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	4535.-	1
	5.5	4RB2055-3EJ52-8K	5020.-	1
	10.4	4RB2104-3EJ52-8K	8945.-	1
	11.1	4RB2111-3EJ52-8K	9720.-	1
	12.5	4RB2125-3EJ52-8K	9960.-	1
	20.8	4RB2208-3EJ52-8K	16560.-	1
	25	4RB2250-3EJ52-8K	19895.-	1
	27.7	4RB2277-3EJ52-8K	22055.-	1
	30	4RB2300-3EJ52-8K	23900.-	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 disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	5785.-	1
	7.5	4RB2075-3EB53-8K	9020.-	1
	10.4	4RB2104-3EB53-8K	10660.-	1
	12.5	4RB2125-3EB53-8K	11555.-	1
	15	4RB2150-3EB53-8K	13880.-	1
	20	4RB2200-3EB53-8K	18500.-	1
	25	4RB2250-3EB53-8K	23125.-	1
440	5	4RB2050-3EE53-8K	5950.-	1
	7.5	4RB2075-3EE53-8K	8975.-	1
	10	4RB2100-3EE53-8K	10235.-	1
	12.5	4RB2125-3EE53-8K	11555.-	1
	15	4RB2150-3EE53-8K	13880.-	1
	20	4RB2200-3EE53-8K	18500.-	1
	25	4RB2250-3EE53-8K	23125.-	1
	30	4RB2300-3EE53-8K	27730.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	5950.-	1
	6.3	4RB2063-3EJ53-8K	6715.-	1
	10.4	4RB2104-3EJ53-8K	9965.-	1
	11	4RB2110-3EJ53-8K	10550.-	1
	12.5	4RB2125-3EJ53-8K	11980.-	1
	13.8	4RB2138-3EJ53-8K	13225.-	1
	15	4RB2150-3EJ53-8K	14370.-	1
	16.7	4RB2167-3EJ53-8K	15990.-	1
	18.7	4RB2187-3EJ53-8K	17905.-	1
	20	4RB2200-3EJ53-8K	19175.-	1
	22	4RB2220-3EJ53-8K	21060.-	1
	25	4RB2250-3EJ53-8K	23940.-	1
	28.1	4RB2281-3EJ53-8K	26915.-	1
	30	4RB2300-3EJ53-8K	28715.-	1
525	5	4RB2050-3FC53-8K	6140.-	1
	6.3	4RB2063-3FC53-8K	7440.-	1
	8.3	4RB2083-3FC53-8K	9055.-	1
	10.4	4RB2104-3FC53-8K	10300.-	1
	12.5	4RB2125-3FC53-8K	12395.-	1
	13.2	4RB2132-3FC53-8K	13085.-	1
	15	4RB2150-3FC53-8K	14855.-	1
	16.7	4RB2167-3FC53-8K	16570.-	1
	20	4RB2200-3FC53-8K	19810.-	1
	25	4RB2250-3FC53-8K	24760.-	1
	26.5	4RB2265-3FC53-8K	26255.-	1
	30	4RB2300-3FC53-8K	29735.-	1
	33.1	4RB2331-3FC53-8K	32790.-	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

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 disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	8605.-	1
	6.3	4RB1063-3EB50-8K	10735.-	1
	7.5	4RB1075-3EB50-8K	12785.-	1
	10.4	4RB1104-3EB50-8K	11825.-	1
	12.5	4RB1125-3EB50-8K	14005.-	1
	15	4RB1150-3EB50-8K	16810.-	1
	20	4RB1200-3EB50-8K	22420.-	1
	25	4RB1250-3EB50-8K	28020.-	1
	28.1	4RB1281-3EB50-8K	31470.-	1
	30	4RB1300-3EB50-8K	33620.-	1
	33	4RB1330-3EB50-8K	36985.-	1
440	5	4RB1050-3EE50-8K	8370.-	1
	7.5	4RB1075-3EE50-8K	12725.-	1
	10	4RB1100-3EE50-8K	11375.-	1
	10.4	4RB1104-3EE50-8K	11825.-	1
	12.5	4RB1125-3EE50-8K	14005.-	1
	15	4RB1150-3EE50-8K	16810.-	1
	16.7	4RB1167-3EE50-8K	18715.-	1
	20	4RB1200-3EE50-8K	22420.-	1
	25	4RB1250-3EE50-8K	28020.-	1
	28.1	4RB1281-3EE50-8K	31470.-	1
	30	4RB1300-3EE50-8K	33620.-	1
	33.1	4RB1331-3EE50-8K	37085.-	1
480	5	4RB1050-3EJ50-8K	8935.-	1
	6.3	4RB1063-3EJ50-8K	10680.-	1
	8.3	4RB1083-3EJ50-8K	10375.-	1
	10.4	4RB1104-3EJ50-8K	11435.-	1
	11	4RB1111-3EJ50-8K	12780.-	1
	12.5	4RB1125-3EJ50-8K	14510.-	1
	13.8	4RB1138-3EJ50-8K	16030.-	1
	15	4RB1150-3EJ50-8K	17420.-	1
	16.7	4RB1167-3EJ50-8K	19375.-	1
	18.7	4RB1187-3EJ50-8K	21700.-	1
	20	4RB1200-3EJ50-8K	23225.-	1
	22	4RB1220-3EJ50-8K	25525.-	1
	25	4RB1250-3EJ50-8K	28990.-	1
	28.1	4RB1281-3EJ50-8K	32610.-	1
	30	4RB1300-3EJ50-8K	34805.-	1
	31	4RB1310-3EJ50-8K	35975.-	1
	33	4RB1330-3EJ50-8K	38310.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	9095.-	1
	6.3	4RB1063-3FC50-8K	10680.-	1
	8.3	4RB1083-3FC50-8K	10370.-	1
	10.4	4RB1104-3FC50-8K	11435.-	1
	12.5	4RB1125-3FC50-8K	15010.-	1
	13.2	4RB1132-3FC50-8K	15850.-	1
	15	4RB1150-3FC50-8K	18005.-	1
	16.7	4RB1167-3FC50-8K	20065.-	1
	20	4RB1200-3FC50-8K	24000.-	1
	25	4RB1250-3FC50-8K	30020.-	1
	26.5	4RB1265-3FC50-8K	31825.-	1
	30	4RB1300-3FC50-8K	36030.-	1
690	33.1	4RB1331-3FC50-8K	39740.-	1
	5.3	4RB1053-3GK50-8K	9845.-	1
	6.9	4RB1068-3GK50-8K	12230.-	1
	10.4	4RB1104-3GK50-8K	11825.-	1
	12.5	4RB1125-3GK50-8K	15515.-	1
	14.6	4RB1146-3GK50-8K	18120.-	1
	20	4RB1200-3GK50-8K	24810.-	1
	25	4RB1250-3GK50-8K	31025.-	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.

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	42490.-
10kvar	5.67%	4KA1220-3AC01-0AA0	47940.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	52480.-
15kvar	5.67%	4KA1220-5AC01-0AA0	70045.-
20kvar	5.67%	4KA1220-6AC01-0AA0	72925.-
25kvar	5.67%	4KA1220-7AC01-0AA0	74495.-
5kvar	7%	4KA1220-1AA01-0AA0	32620.-
10kvar	7%	4KA1220-3AA01-0AA0	44755.-
12.5kvar	7%	4KA1220-4AA01-0AA0	48320.-
15kvar	7%	4KA1220-5AA01-0AA0	55790.-
20kvar	7%	4KA1220-6AA01-0AA0	59430.-
25kvar	7%	4KA1220-7AA01-0AA0	62545.-
50kvar	7%	4KA1220-2BA01-0AA0	111430.-
75kvar	7%	4KA1220-3BA03-0AA0	156275.-
100kvar	7%	4KA1220-4BA03-0AA0	196705.-
5kvar	14%	4KA1220-1AB01-0AA0	42950.-
12.5kvar	14%	4KA1220-4AB01-0AA0	88765.-
15kvar	14%	4KA1220-5AB01-0AA0	84415.-
20kvar	14%	4KA1220-6AB01-0AA0	103820.-
25kvar	14%	4KA1220-7AB01-0AA0	124230.-
50kvar	14%	4KA1220-2BB01-0AA0	203350.-
75kvar	14%	4KA1220-3BB03-0AA0	334550.-
100kvar	14%	4KA1220-4BB03-0AA0	401890.-

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	23480.-
10kvar	5.67%	4KA1420-3AC01-0AA0	30930.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	35375.-
15kvar	5.67%	4KA1420-5AC01-0AA0	41520.-
20kvar	5.67%	4KA1420-6AC01-0AA0	51630.-
25kvar	5.67%	4KA1420-7AC01-0AA0	53585.-
50kvar	5.67%	4KA1420-2BC01-0AA0	84205.-
5kvar	7%	4KA1420-1AA01-0AA0	25820.-
10kvar	7%	4KA1420-3AA01-0AA0	33230.-
12.5kvar	7%	4KA1420-4AA01-0AA0	36745.-
15kvar	7%	4KA1420-5AA01-0AA0	41410.-
20kvar	7%	4KA1420-6AA01-0AA0	44100.-
25kvar	7%	4KA1420-7AA01-0AA0	47170.-
50kvar	7%	4KA1420-2BA01-0AA0	81110.-
75kvar	7%	4KA1420-3BA03-0AA0	115205.-
100kvar	7%	4KA1420-4BA03-0AA0	144110.-
5kvar	14%	4KA1420-1AB01-0AA0	34470.-
10kvar	14%	4KA1420-3AB01-0AA0	58690.-
12.5kvar	14%	4KA1420-4AB01-0AA0	69595.-
15kvar	14%	4KA1420-5AB01-0AA0	73085.-
20kvar	14%	4KA1420-6AB01-0AA0	88890.-
25kvar	14%	4KA1420-7AB01-0AA0	101530.-
50kvar	14%	4KA1420-2BB01-0AA0	162805.-

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..	4055.-	1NC	3MT70002JA016A..	4055.-	1
NEW 5kvar	1NO	3MT70005JA106A..	4490.-	1NC	3MT70005JA016A..	4490.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	4945.-	2NC	3MT70007JA026A..	4945.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	6155.-	2NC	3MT70010JA026A..	6155.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	6290.-	2NC	3MT70012JA026A..	6290.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	8330.-	2NC	3MT70016JA026A..	8330.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	9265.-	2NC	3MT70020JA026A..	9265.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	10620.-	2NC	3MT70025JA026A..	10620.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	16095.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	25980.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	30415.-				1
60kvar	1NO+2NC	3MT70060JA126A..	32325.-				1
80kvar	1NO+2NC	3MT70080JA126A..	39680.-				1
100kvar	1NO+2NC	3MT70100JA126A..	41240.-				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	1215.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1430.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	3690.-	1
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	4025.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	905.-	10
2NC	3MT70200CL09M1A	905.-	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



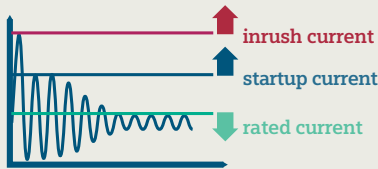
7UG0572-1GT20

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	35670.-
	12 Stage with LCD display	7UG0572-1GT20	38210.-
	12 stage with LED display	7UG0572-1GT21	21845.-

IE3- and IE4-compliant motors

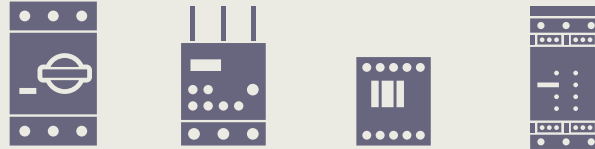


consume less energy



but are characterized by higher currents during starting

This is why we have optimized our SIRIUS switching devices for IE3 and IE4 motors



IE3/IE4 ready

AC-3e

SIRIUS controls

For example



No false tripping during startup process



Reliable switching capacity for use with IE3 and IE4 motors

Reliable switching and protection of motors at all times

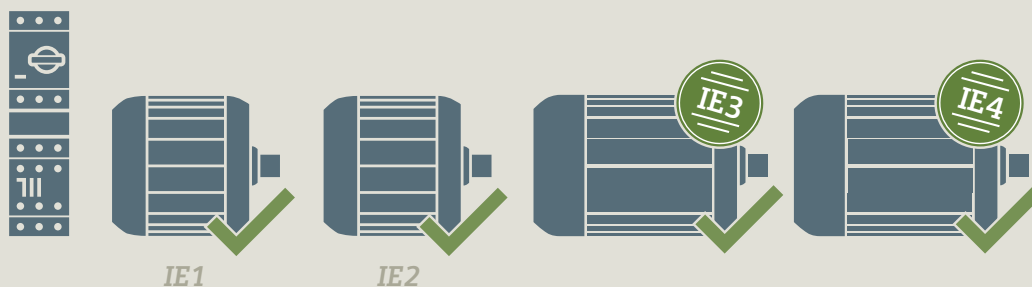


Are you IE3/IE4 ready?

Type 2 Solutions

SIEMENS

**Reliable
switching and
protection
of IE3/IE4
motors
at any time**



Fuseless selection type 2, I_q = 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, I_q = 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	I _{Ph} 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, I_q = 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 + Bi-relay (+ 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 Disconnecter 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	I _{Ph} 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†	5020.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	5515.-				
10 kvar	–	3TS2200-0A..5-8K†	5995.-	1NO+1NC	3TS2211-0A..5-8K	6875.-	1
12.5 kvar	–	3TS1200-0A..5-8K†	6145.-	1NO+1NC	3TS1211-0A..5-8K	7020.-	1
16 kvar	–	3TS1300-0A..5-8K†	8445.-	1NO+1NC	3TS1311-0A..5-8K	9305.-	1
20 kvar	–	3TS1400-0A..5-8K†	9515.-	1NO+1NC	3TS1411-0A..5-8K	10350.-	1
25 kvar	–	3TS1500-0A..5-8K†	10980.-	1NO+1NC	3TS1511-0A..5-8K	11865.-	1
30 kvar	–	3TS2500-0A..5-8K†	17100.-	1NO+1NC	3TS2511-0A..5-8K	17990.-	1
40 kvar	2 NO + 2 NC	3TS2722-0A..5-8K	29025.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	33980.-				



† 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	500.-	10
	1NC	■ 3TX4001-2A	500.-	10

3TS Capacitor Duty Spares

Spare coils

Contactor kVAr	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
5 kvar	AC 50Hz coil	3TY74030A..	1800.-	1
7 kvar				
10 kvar				
12.5 kvar				
16 kvar				
20 kvar		3TY74430A..	2215.-	1
25 kvar				
30 kvar				
40 kvar				
50 kvar				
		3TY74630A..	3845.-	1

* 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	4300.-	1
12.5 kvar		3TS9762-0SX15-8K		1
16 kvar		3TS9763-0SX15-8K		1
20 kvar		3TS9764-0SX15-8K		1
25 kvar		3TS9765-0SX15-8K		1
30 kvar		3TS9765-0SX15-8K	8475.-	1
40 kvar		3TS9765-0SX15-8K		1
40 kvar		3TS9767-0SX15-8K		1
50 kvar		3TS9767-0SX15-8K		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	40985.-	1
Yes	Yes	20%	160-690V	-	Off delay 0.1-20 s	-	2 CO	160-690V	3UG4513-1BR20	54860.-	1
Yes	Yes	Yes	160-690V	160-690V	Off delay 0.1-20 s	Yes	2 CO	160-690V	3UG4615-1CR20	79540.-	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	41120.-	1
		2		3UG4511-1BP20	46475.-	1
--	Monitoring of phase sequence, phase failure and phase unbalance	2	160...690	3UG4512-1BR20	52625.-	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	92215.-	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 I _{res} 0.2-10A) ON-delay 0-99s, OFF-delay 0.1-20s)	2	90...690	3UG4641-1CS20	74365.-
0.1...150V	Digital Voltage Monitoring Relay range 17 to 275V AC/DC spikedelay 0.1 to 20 sec	1	Self Powered	3UG4633-1AL30	56875.-
0.1...300V	Digital Voltage Monitoring Relay range 10...600V AC/DC, Delay 0.1...20sec	1	24...240V AC/DC	3UG4632-1AW30	60645.-
--	#Level Monitoring Relay sensitivity 2KΩ to 200KΩ. Tripping delay 0.1...10sec	1	24...240V AC/DC	3UG4501-1AW30	40415.-

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	8025.-	1
8WN4420-5AC00	Green			1
8WN4420-5AD00	Yellow			1
8WN4420-5AE00	White			1
8WN4420-5AF00	Blue			1
8WN4440-5AB00	Red	110 V AC/DC	7405.-	1
8WN4440-5AC00	Green			1
8WN4440-5AD00	Yellow			1
8WN4440-5AE00	White			1
8WN4440-5AF00	Blue			1
8WN4450-5AB00	Red	220 V AC	7405.-	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	8690.-	1
8WN4420-5BC00	Green			1
8WN4420-5BD00	Yellow			1
8WN4420-5BE00	White			1
8WN4420-5BF00	Blue			1
8WN4440-5BB00	Red	110 V AC/DC	8690.-	1
8WN4440-5BC00	Green			1
8WN4440-5BD00	Yellow			1
8WN4440-5BE00	White			1
8WN4440-5BF00	Blue			1
8WN4450-5BB00	Red	220 V AC	8690.-	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	2475.-	1
8WN4408-0AG00	Caps for light elements	245.-	1
8WN4408-0DH00	Feet with pipes, single; Length 60mm	415.-	1
8WN4408-0DJ00	Feet with pipes, single; Length 80mm	525.-	1
8WN4408-0DA00	Feet with pipes, single; Length 110mm	580.-	1
8WN4408-0CC00	Brackets for side mounting, use together with foot with pipe	525.-	1
8WN4408-0CF00	Brackets for side mounting,	1965.-	1

Type	Description	Unit LP* ₹	Std. pkg. (nos.)
8WN4408-0CG00	Fold-out support	940.-	1
8WN4420-0GA00	24 V AC/DC, continuous buzzer	5780.-	1
8WN4420-0HA00	24 V AC/DC, discontinuous buzzer	6755.-	1
8WN4440-0GA00	110 V AC/DC, continuous buzzer	5780.-	1
8WN4440-0HA00	110 V AC/DC, discontinuous buzzer	6755.-	1
8WN4450-0GA00	220 V AC, continuous buzzer	5780.-	1
8WN4450-0HA00	220 V AC, discontinuous buzzer	6755.-	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	7405.-	1
8WN2222-6AG00	R, G		10680.-	1
8WN2223-6AJ00	R,Y,G		13865.-	1
8WN2241-6AB00	R	110 V AC/DC	7405.-	1
8WN2242-6AG00	R, G		10680.-	1
8WN2243-6AJ00	R,Y,G		13865.-	1
8WN2251-6AB00	R	220 V AC	7405.-	1
8WN2252-6AG00	R, G		10680.-	1
8WN2253-6AJ00	R,Y,G		13865.-	1

Continuous light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6JB00	R	24V AC/DC	8690.-	1
8WN2223-6JG00	R, G		11945.-	1
8WN2224-6JJ00	R,Y,G		15145.-	1
8WN2242-6JB00	R	110 V AC/DC	8690.-	1
8WN2243-6JG00	R, G		11945.-	1
8WN2244-6JJ00	R,Y,G		15145.-	1
8WN2252-6JB00	R	220 V AC	8690.-	1
8WN2253-6JG00	R, G		11945.-	1
8WN2254-6JJ00	R,Y,G		15145.-	1

Blinking light without buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2221-6BB00	R	24V AC/DC	8690.-	1
8WN2222-6BG00	R, G		11945.-	1
8WN2223-6BJ00	R,Y,G		15145.-	1

Blinking light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6MB00	R	24V AC/DC	9665.-	1
8WN2223-6MG00	R, G		12880.-	1
8WN2224-6MJ00	R,Y,G		16090.-	1

Continuous light with discontinuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6KB00	R	24V AC/DC	9665.-	1
8WN2223-6KG00	R, G		12880.-	1
8WN2224-6KJ00	R,Y,G		16090.-	1
8WN2242-6KB00	R	110 V AC/DC	9665.-	1
8WN2243-6KG00	R, G		12880.-	1
8WN2244-6KJ00	R,Y,G		16090.-	1
8WN2252-6KB00	R	220 V AC	9665.-	1
8WN2253-6KG00	R, G		12880.-	1
8WN2254-6KJ00	R,Y,G		16090.-	1

Blinking light with discontinuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6NB00	R	24V AC/DC	10680.-	1
8WN2223-6NG00	R, G		13865.-	1
8WN2224-6NJ00	R,Y,G		17055.-	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.)
S2	50	22	1NO + 1NC	3RT2036-1NB30-0CC0	44260.-	1
	65	30	1NO + 1NC	3RT2037-1NB30-0CC0	49855.-	1
	80	37	1NO + 1NC	3RT2038-1NB30-0CC0	60550.-	1
S3	95	45	1NO + 1NC	3RT2046-1NB30-0CC0	79060.-	1
	110	55	1NO + 1NC	3RT2047-1NB30-0CC0	100150.-	1

SIRIUS function module for AS-Interface

Version	SIRIUS function modules for AS-Interface	
	C	Unit LP ₹
Direct on line starting (S00, S0, S2, S3)	3RA2712-1AA00	15465.-
		
Reversing starting (S00, S0, S2, S3)	3RA2712-1BA00	29145.-
		
Star delta starting (S00, S0, S2, S3)	3RA2712-1CA00	45275.-
		

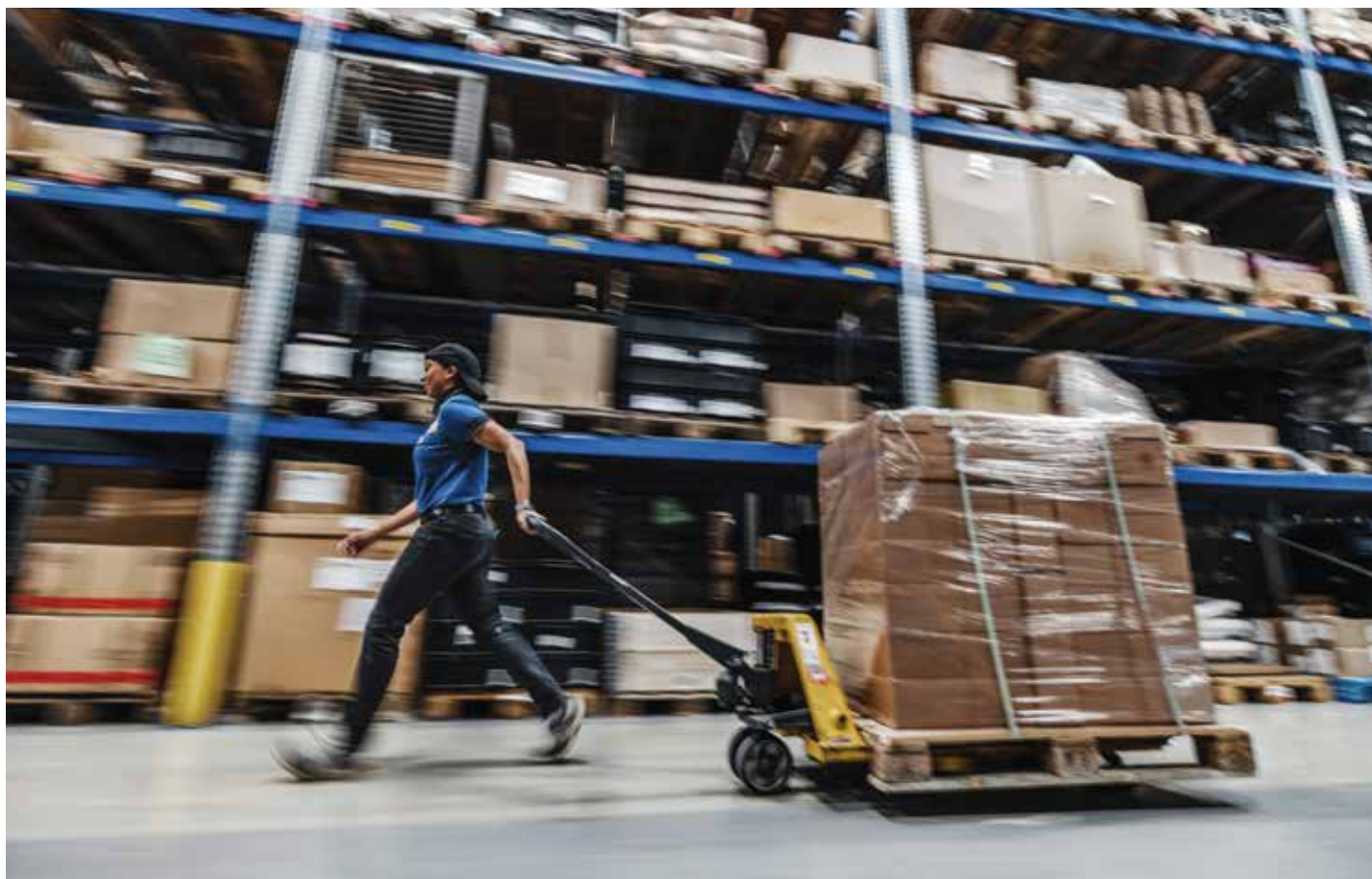
Solid state switching devices - 3RF

Solid state contactless switching for application requiring frequent switching



Rated current AC51 (max)	Type	Unit LP ₹	Std. pkg. (kits)
20	3RF2120-1AA45\$	6910.-	1
30	3RF2130-1AA45\$	10685.-	1
50	3RF2150-1AA45\$	17780.-	1
70	3RF2170-1AA45\$	20630.-	1
90	3RF2190-1AA45\$	25520.-	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 ⁵	3TF4602-0D..ZA01
2NO + 2NC ⁵	3TF4702-0D..ZA01
2NO + 2NC ⁵	3TF4702-0D..ZT00
2NO + 2NC ⁵	3TF4772-0D..
2NO + 2NC ⁵	3TF4822-0D..ZA01
2NO + 2NC ⁵	3TF4922-0D..ZA01
2NO + 2NC ⁵	3TF5002-0D..
2NO + 2NC ⁵	3TF5102-0D..
2NO + 2NC ⁵	3TF5202-0D..
2NO + 2NC ⁵	3TF5302-0D..
2NO + 2NC ⁵	3TF5402-0D..
2NO + 2NC ⁵	3TF5502-0D..
2NO + 2NC ⁵	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 ⁵	■ 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	3VU9132-0AB55
	24 V, 50 Hz	3VU9132-0AB50
	DC 110-240 V	3VU9132-0AB73
	In feed terminal (63 A)	3VU9135-1BB01
Three-phase busbar for 3VS13 only		
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

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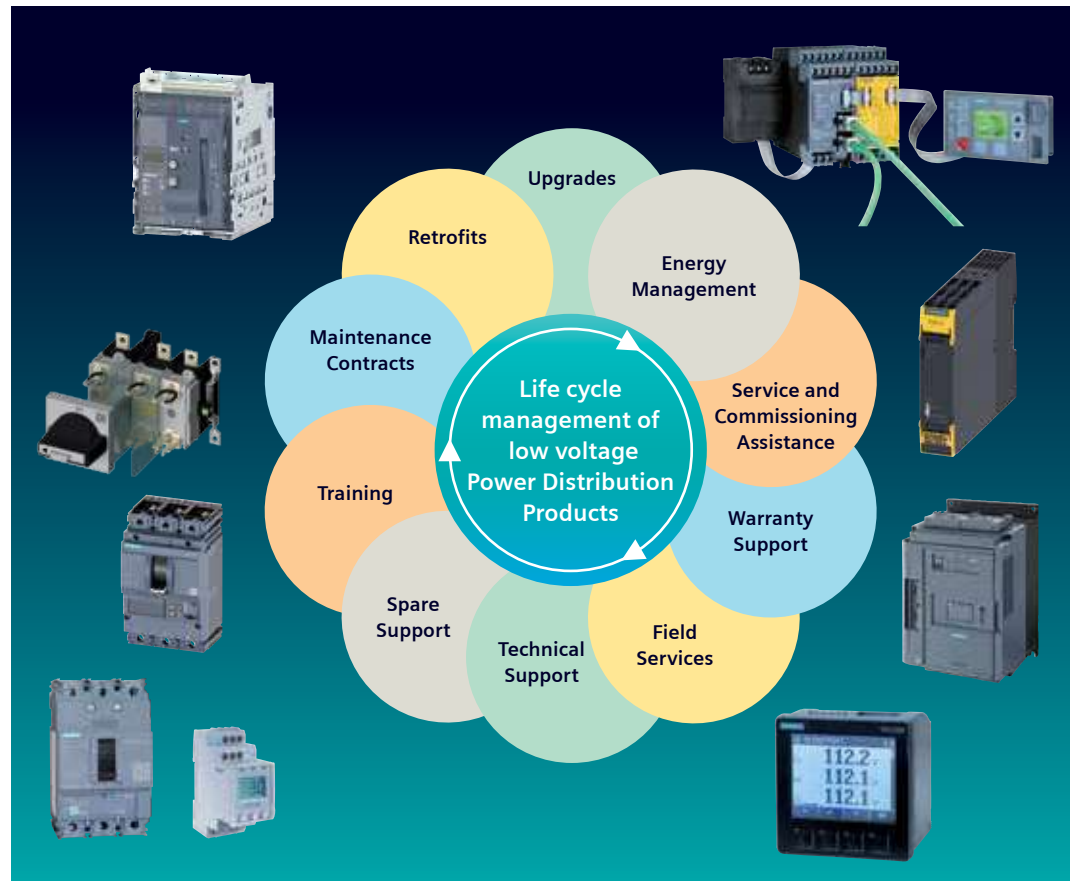
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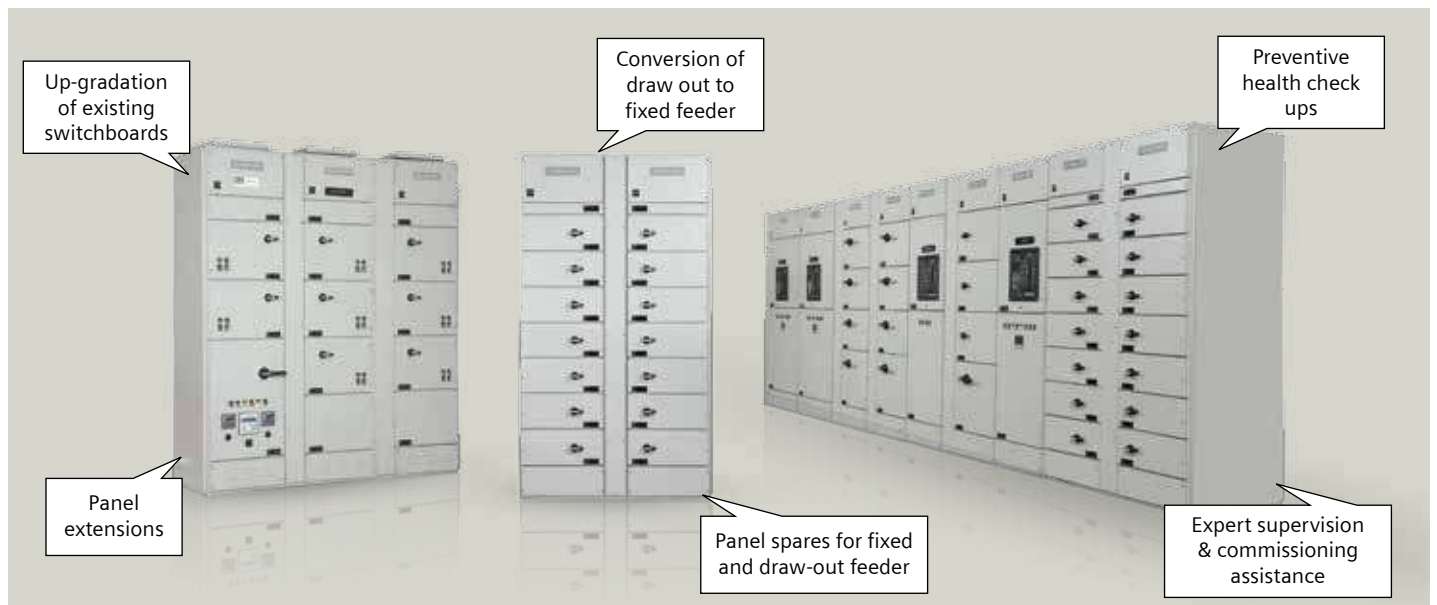
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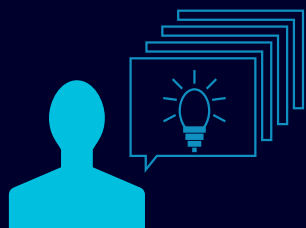
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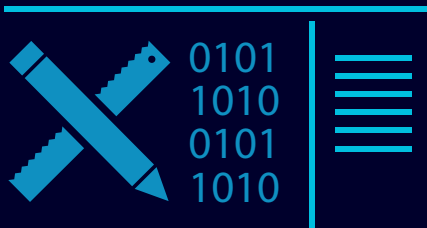
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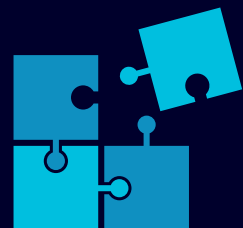
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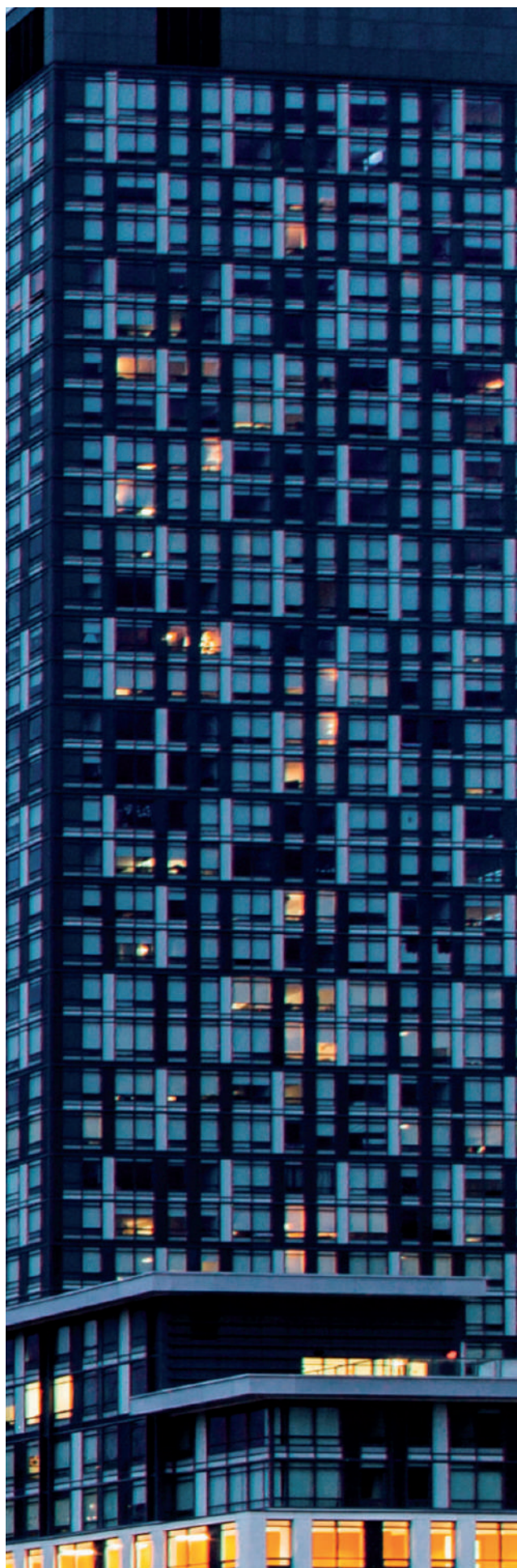


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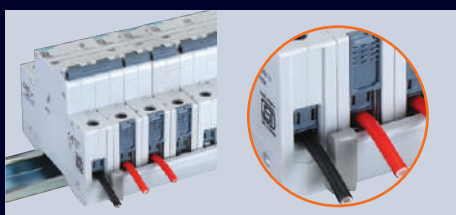
Sr. No.	Items	Pg. No.
1	Betagard Miniature Circuit Breakers	
	5SL6, 7.5kA with C characteristics	5
	5SL6, 7.5kA with B characteristics	6
	5SL4, 10kA with C characteristics	7
	5SL7, with C characteristics	8
	5SL7, with D characteristics	9
2	Betagard Circuit Breakers	
	5SL7, with K characteristics	13
	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 control 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
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	Accessories for Betagard DBs	36
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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>I_n</i> (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1P, 240/415V AC	0.5	1		
		1	5SL61057RC	697.-	1/12
		2	5SL61017RC	697.-	1/12
		3	5SL61027RC	697.-	1/12
		4	5SL61037RC	697.-	1/12
		6	5SL61047RC	697.-	1/12
		8	5SL61067RC	432.-	1/12
		10	5SL61087RC	432.-	1/12
		13	5SL61107RC	432.-	1/12
		16	5SL61137RC	432.-	1/12
		20	5SL61167RC	432.-	1/12
		25	5SL61207RC	432.-	1/12
		32	5SL61257RC	432.-	1/12
		40	5SL61327RC	432.-	1/12
		50	5SL61407RC	950.-	1/12
	63	5SL61507RC	1093.-	1/12	
			5SL61637RC	1093.-	1/12
	2P, 415V AC	0.5	2		
		1	5SL62057RC	2062.-	1/6
		2	5SL62017RC	2062.-	1/6
		3	5SL62027RC	2062.-	1/6
		4	5SL62037RC	2062.-	1/6
		6	5SL62047RC	2062.-	1/6
		8	5SL62067RC	1543.-	1/6
		10	5SL62087RC	1543.-	1/6
		13	5SL62107RC	1543.-	1/6
		16	5SL62137RC	1543.-	1/6
		20	5SL62167RC	1543.-	1/6
		25	5SL62207RC	1543.-	1/6
		32	5SL62257RC	1543.-	1/6
		40	5SL62327RC	1543.-	1/6
		50	5SL62407RC	2165.-	1/6
	63	5SL62507RC	2542.-	1/6	
			5SL62637RC	2542.-	1/6
	3P, 415V AC	0.5	3		
		1	5SL63057RC	2895.-	1/4
		2	5SL63017RC	2895.-	1/4
		3	5SL63027RC	2895.-	1/4
		4	5SL63047RC	2895.-	1/4
		6	5SL63067RC	2317.-	1/4
		10	5SL63107RC	2317.-	1/4
		16	5SL63167RC	2317.-	1/4
		20	5SL63207RC	2317.-	1/4
		25	5SL63257RC	2317.-	1/4
		32	5SL63327RC	2317.-	1/4
		40	5SL63407RC	3243.-	1/4
		50	5SL63507RC	3621.-	1/4
	63	5SL63637RC	3621.-	1/4	
	4P, 415V AC	0.5	4		
		1	5SL64057RC	3996.-	1/3
		2	5SL64017RC	3996.-	1/3
		3	5SL64027RC	3996.-	1/3
		4	5SL64047RC	3996.-	1/3
		6	5SL64067RC	3204.-	1/3
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		32	5SL64327RC	3204.-	1/3
		40	5SL64407RC	4140.-	1/3
		50	5SL64507RC	4793.-	1/3
	63	5SL64637RC	4793.-	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



- 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.)
	6	1	5SL61066RC	423.-	1/12
	10		5SL61106RC	423.-	1/12
	16		5SL61166RC	423.-	1/12
	20		5SL61206RC	423.-	1/12
	25		5SL61256RC	423.-	1/12
	32		5SL61326RC	423.-	1/12
	40		5SL61406RC	945.-	1/12
	50		5SL61506RC	1061.-	1/12
	63		5SL61636RC	1061.-	1/12
	6	2	5SL62066RC	1526.-	1/6
	10		5SL62106RC	1526.-	1/6
	16		5SL62166RC	1526.-	1/6
	20		5SL62206RC	1526.-	1/6
	25		5SL62256RC	1526.-	1/6
	32		5SL62326RC	1526.-	1/6
	40		5SL62406RC	2146.-	1/6
	50		5SL62506RC	2521.-	1/6
	63		5SL62636RC	2521.-	1/6
	6	3	5SL63066RC	2317.-	1/4
	10		5SL63106RC	2317.-	1/4
	16		5SL63166RC	2317.-	1/4
	20		5SL63206RC	2317.-	1/4
	25		5SL63256RC	2317.-	1/4
	32		5SL63326RC	2317.-	1/4
	40		5SL63406RC	3202.-	1/4
	50		5SL63506RC	3590.-	1/4
	63		5SL63636RC	3590.-	1/4
	6	4	5SL64066RC	3187.-	1/3
	10		5SL64106RC	3187.-	1/3
	16		5SL64166RC	3187.-	1/3
	20		5SL64206RC	3187.-	1/3
	25		5SL64256RC	3187.-	1/3
	32		5SL64326RC	3187.-	1/3
	40		5SL64406RC	3977.-	1/3
	50		5SL64506RC	4779.-	1/3
	63		5SL64636RC	4779.-	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	808.-	1/12
		2	■ 5SL41027RC	808.-	1/12	
		3	5SL41037RC	808.-	1/12	
		4	5SL41047RC	808.-	1/12	
		6	■ 5SL41067RC	523.-	1/12	
		8	5SL41087RC	523.-	1/12	
		10	■ 5SL41107RC	523.-	1/12	
		13	5SL41137RC	523.-	1/12	
		16	■ 5SL41167RC	523.-	1/12	
		20	■ 5SL41207RC	523.-	1/12	
		25	5SL41257RC	523.-	1/12	
		32	■ 5SL41327RC	523.-	1/12	
		40	5SL41407RC	1140.-	1/12	
		50	5SL41507RC	1174.-	1/12	
		63	5SL41637RC	1174.-	1/12	
	2P, 415V AC	0.5	2	5SL42057RC	2398.-	1/6
		2	■ 5SL42027RC	2398.-	1/6	
		3	5SL42037RC	2398.-	1/6	
		4	■ 5SL42047RC	2398.-	1/6	
		6	■ 5SL42067RC	1719.-	1/6	
		8	5SL42087RC	1719.-	1/6	
		10	■ 5SL42107RC	1719.-	1/6	
		13	5SL42137RC	1719.-	1/6	
		16	■ 5SL42167RC	1719.-	1/6	
		20	■ 5SL42207RC	1719.-	1/6	
		25	5SL42257RC	1719.-	1/6	
		32	5SL42327RC	1719.-	1/6	
		40	5SL42407RC	2772.-	1/6	
		50	5SL42507RC	2772.-	1/6	
		63	5SL42637RC	2772.-	1/6	
	3P, 415V AC	0.5	3	5SL43057RC	3874.-	1/4
		2	5SL43027RC	3874.-	1/4	
		3	5SL43037RC	3874.-	1/4	
		4	5SL43047RC	3874.-	1/4	
		6	■ 5SL43067RC	2887.-	1/4	
		8	5SL43087RC	2887.-	1/4	
		10	■ 5SL43107RC	2887.-	1/4	
		13	5SL43137RC	2887.-	1/4	
		16	■ 5SL43167RC	2887.-	1/4	
		20	■ 5SL43207RC	2887.-	1/4	
		25	5SL43257RC	2887.-	1/4	
		32	■ 5SL43327RC	2887.-	1/4	
		40	5SL43407RC	4368.-	1/4	
		50	5SL43507RC	4368.-	1/4	
		63	■ 5SL43637RC	4368.-	1/4	
	4P, 415V AC	0.5	4	5SL44057RC	4869.-	1/3
		2	5SL44027RC	4869.-	1/3	
		3	5SL44037RC	4869.-	1/3	
		4	5SL44047RC	4869.-	1/3	
		6	5SL44067RC	3996.-	1/3	
		8	5SL44087RC	3996.-	1/3	
		10	5SL44107RC	3996.-	1/3	
		13	5SL44137RC	3996.-	1/3	
		16	5SL44167RC	3996.-	1/3	
		20	5SL44207RC	3996.-	1/3	
		25	5SL44257RC	3996.-	1/3	
		32	■ 5SL44327RC	3996.-	1/3	
		40	5SL44407RC	5451.-	1/3	
		50	5SL44507RC	5451.-	1/3	
		63	■ 5SL44637RC	5451.-	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

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity: 15kA¹⁾ 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	925.-	1/12
	1		5SL71017RC	925.-	1/12
	2		5SL71027RC	910.-	1/12
	4		5SL71047RC	910.-	1/12
	6		5SL71067RC	780.-	1/12
	10		5SL71107RC	780.-	1/12
	16		5SL71167RC	780.-	1/12
	20		5SL71207RC	780.-	1/12
	25		5SL71257RC	780.-	1/12
	32		5SL71327RC	780.-	1/12
	40		5SL71407RC	1230.-	1/12
	50		5SL71507RC	1240.-	1/12
	63		5SL71637RC	1240.-	1/12
2P, 415V AC 	0.5	2	5SL72057RC	2630.-	1/6
	1		5SL72017RC	2630.-	1/6
	2		5SL72027RC	2575.-	1/6
	4		5SL72047RC	2575.-	1/6
	6		5SL72067RC	1875.-	1/6
	10		5SL72107RC	1875.-	1/6
	16		5SL72167RC	1875.-	1/6
	20		5SL72207RC	1875.-	1/6
	25		5SL72257RC	1875.-	1/6
	32		5SL72327RC	1875.-	1/6
	40		5SL72407RC	2825.-	1/6
	50		5SL72507RC	2825.-	1/6
	63		5SL72637RC	2825.-	1/6
3P, 415V AC 	0.5	3	5SL73057RC	4025.-	1/4
	1		5SL73017RC	4025.-	1/4
	2		5SL73027RC	3955.-	1/4
	4		5SL73047RC	3955.-	1/4
	6		5SL73067RC	2985.-	1/4
	10		5SL73107RC	2985.-	1/4
	16		5SL73167RC	2985.-	1/4
	20		5SL73207RC	2985.-	1/4
	25		5SL73257RC	2985.-	1/4
	32		5SL73327RC	2985.-	1/4
	40		5SL73407RC	4450.-	1/4
	50		5SL73507RC	4450.-	1/4
	63		5SL73637RC	4450.-	1/4
4P, 415V AC 	0.5	4	5SL74057RC	5075.-	1/3
	1		5SL74017RC	5075.-	1/3
	2		5SL74027RC	4985.-	1/3
	4		5SL74047RC	4985.-	1/3
	6		5SL74067RC	3990.-	1/3
	10		5SL74107RC	3990.-	1/3
	16		5SL74167RC	3990.-	1/3
	20		5SL74207RC	3990.-	1/3
	25		5SL74257RC	3990.-	1/3
	32		5SL74327RC	3990.-	1/3
	40		5SL74407RC	5595.-	1/3
	50		5SL74507RC	5595.-	1/3
	63		5SL74637RC	5595.-	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: 15kA¹⁾ 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.)
	0.5	1	5SL71058RC	935.-	1/12
	1		5SL71018RC	935.-	1/12
	2		5SL71028RC	910.-	1/12
	4		5SL71048RC	910.-	1/12
	6		5SL71068RC	810.-	1/12
	10		5SL71108RC	810.-	1/12
	16		5SL71168RC	810.-	1/12
	20		5SL71208RC	810.-	1/12
	25		5SL71258RC	810.-	1/12
	32		5SL71328RC	810.-	1/12
	40		5SL71408RC	1580.-	1/12
	50		5SL71508RC	1580.-	1/12
	63		5SL71638RC	1580.-	1/12
	0.5	2	5SL72058RC	2670.-	1/6
	1		5SL72018RC	2670.-	1/6
	2		5SL72028RC	2575.-	1/6
	4		5SL72048RC	2575.-	1/6
	6		5SL72068RC	1985.-	1/6
	10		5SL72108RC	1985.-	1/6
	16		5SL72168RC	1985.-	1/6
	20		5SL72208RC	1985.-	1/6
	25		5SL72258RC	1985.-	1/6
	32		5SL72328RC	1985.-	1/6
	40		5SL72408RC	3650.-	1/6
	50		5SL72508RC	3650.-	1/6
	63		5SL72638RC	3650.-	1/6
	0.5	3	5SL73058RC	4105.-	1/4
	1		5SL73018RC	4105.-	1/4
	2		5SL73028RC	3955.-	1/4
	4		5SL73048RC	3955.-	1/4
	6		5SL73068RC	3140.-	1/4
	10		5SL73108RC	3140.-	1/4
	16		5SL73168RC	3140.-	1/4
	20		5SL73208RC	3140.-	1/4
	25		5SL73258RC	3140.-	1/4
	32		5SL73328RC	3140.-	1/4
	40		5SL73408RC	5685.-	1/4
	50		5SL73508RC	5685.-	1/4
	63		5SL73638RC	5685.-	1/4
	0.5	4	5SL74058RC	5250.-	1/3
	1		5SL74018RC	5250.-	1/3
	2		5SL74028RC	5065.-	1/3
	4		5SL74048RC	5065.-	1/3
	6		5SL74068RC	4145.-	1/3
	10		5SL74108RC	4145.-	1/3
	16		5SL74168RC	4145.-	1/3
	20		5SL74208RC	4145.-	1/3
	25		5SL74258RC	4145.-	1/3
	32		5SL74328RC	4145.-	1/3
	40		5SL74408RC	7145.-	1/3
	50		5SL74508RC	7145.-	1/3
	63		5SL74638RC	7145.-	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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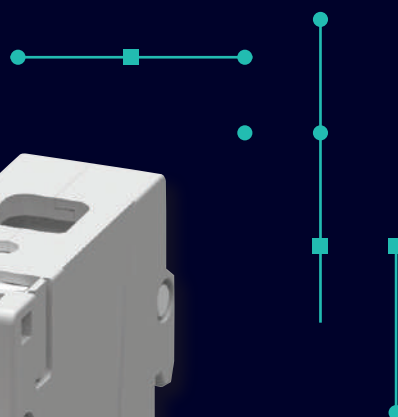
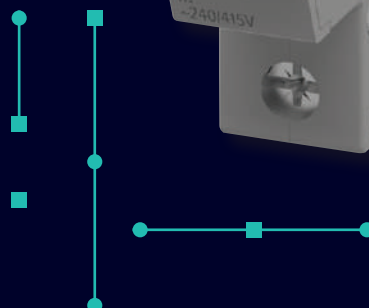
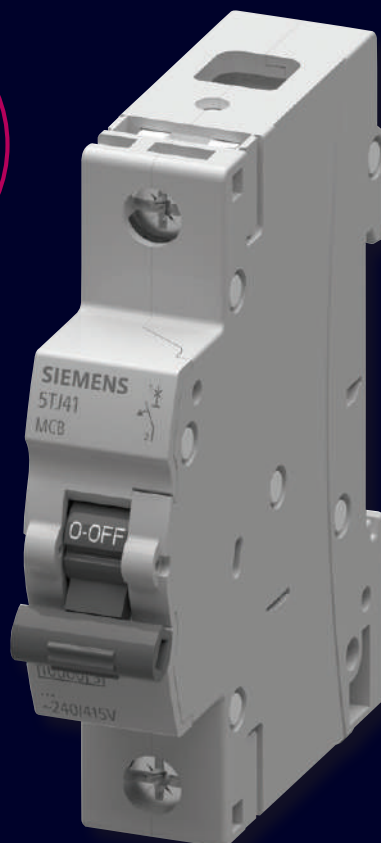
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5SL Circuit Breaker - K & Z Curve



"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): 15kA¹⁾ as per IS/IEC 60947-2

	Rated Current I _n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2	1	5SL71023RC	810.-	1/12
	4		5SL71043RC	810.-	1/12
	6		5SL71063RC	725.-	1/12
	10		5SL71103RC	720.-	1/12
	16		5SL71163RC	725.-	1/12
	20		5SL71203RC	720.-	1/12
	25		5SL71253RC	725.-	1/12
	32		5SL71323RC	725.-	1/12
	40		5SL71403RC	1270.-	1/12
	63		5SL71633RC	1495.-	1/12
	2	2	5SL72023RC	2465.-	1/6
	4		5SL72043RC	2465.-	1/6
	6		5SL72063RC	2290.-	1/6
	10		5SL72103RC	2235.-	1/6
	16		5SL72163RC	2290.-	1/6
	20		5SL72203RC	2235.-	1/6
	25		5SL72253RC	2290.-	1/6
	32		5SL72323RC	2290.-	1/6
	40		5SL72403RC	2760.-	1/6
	63		5SL72633RC	3175.-	1/6
	2	3	5SL73023RC	3835.-	1/4
	4		5SL73043RC	3835.-	1/4
	6		5SL73063RC	3510.-	1/4
	10		5SL73103RC	3435.-	1/4
	16		5SL73163RC	3510.-	1/4
	20		5SL73203RC	3435.-	1/4
	25		5SL73253RC	3510.-	1/4
	32		5SL73323RC	3510.-	1/4
	40		5SL73403RC	3905.-	1/4
	63		5SL73633RC	4385.-	1/4
	2	4	5SL74023RC	4895.-	1/3
	4		5SL74043RC	4895.-	1/3
	6		5SL74063RC	4625.-	1/3
	10		5SL74103RC	4520.-	1/3
	16		5SL74163RC	4625.-	1/3
	20		5SL74203RC	4520.-	1/3
	25		5SL74253RC	4625.-	1/3
	32		5SL74323RC	4625.-	1/3
	40		5SL74403RC	5045.-	1/3
	63		5SL74633RC	5675.-	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): 15kA¹⁾ as per IS/IEC 60947-2

	Rated Current I _n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2	1	5SL41020RC	1110.-	1/12
	4		5SL41040RC	1110.-	1/12
	6		5SL41060RC	872.-	1/12
	10		5SL41100RC	872.-	1/12
	16		5SL41160RC	872.-	1/12
	20		5SL41200RC	872.-	1/12
	25		5SL41250RC	872.-	1/12
	32		5SL41320RC	872.-	1/12
	40		5SL41400RC	1149.-	1/12
	63		5SL41630RC	1149.-	1/12
	2	2	5SL42020RC	2179.-	1/6
	4		5SL42040RC	2179.-	1/6
	6		5SL42060RC	2056.-	1/6
	10		5SL42100RC	2056.-	1/6
	16		5SL42160RC	2056.-	1/6
	20		5SL42200RC	2056.-	1/6
	25		5SL42250RC	2056.-	1/6
	32		5SL42320RC	2056.-	1/6
	40		5SL42400RC	2385.-	1/6
	63		5SL42630RC	2385.-	1/6
	2	3	5SL43020RC	3453.-	1/4
	4		5SL43040RC	3453.-	1/4
	6		5SL43060RC	2876.-	1/4
	10		5SL43100RC	2876.-	1/4
	16		5SL43160RC	2876.-	1/4
	20		5SL43200RC	2876.-	1/4
	25		5SL43250RC	2876.-	1/4
	32		5SL43320RC	2876.-	1/4
	40		5SL43400RC	3618.-	1/4
	63		5SL43630RC	3618.-	1/4
	2	4	5SL44020RC	3741.-	1/3
	4		5SL44040RC	3741.-	1/3
	6		5SL44060RC	3249.-	1/3
	10		5SL44100RC	3249.-	1/3
	16		5SL44160RC	3249.-	1/3
	20		5SL44200RC	3249.-	1/3
	25		5SL44250RC	3249.-	1/3
	32		5SL44320RC	3249.-	1/3
	40		5SL44400RC	4078.-	1/3
	63		5SL44630RC	4078.-	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	5860.- 6175.- 7010.-	1/10 1/10 1/10
	2-pole	80 100 125	3	5SP42807RC 5SP42917RC 5SP42927RC	11500.- 12120.- 13720.-	1/5 1/5 1/5
	3-pole	80 100 125	4.5	5SP43807RC 5SP43917RC 5SP43927RC	17950.- 18425.- 21115.-	1/1 1/1 1/1
	4-pole	80 100 125	6	5SP44807RC 5SP44917RC 5SP44927RC	25750.- 26490.- 30160.-	1/1 1/1 1/1

D characteristic

	1-pole	80 100	1.5	5SP41808RC 5SP41918RC	6450.- 6760.-	1/10 1/10
	2-pole	80 100	3	5SP42808RC 5SP42918RC	12950.- 13725.-	1/5 1/5
	3-pole	80 100	4.5	5SP43808RC 5SP43918RC	19940.- 20150.-	1/1 1/1
	4-pole	80 100	6	5SP44808RC 5SP44918RC	28045.- 28765.-	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	1305.- 1715.- 2250.- 2850.- 2980.-	1/1 1/1 1/1 1/1 1/1
	3-pole	40 63 80 100 125	3	5TL13400 5TL13630 5TL13800 5TL13910 5TL13920	2420.- 2720.- 3285.- 3455.- 3730.-	1/1 1/1 1/1 1/1 1/1
	4-pole	40 63 80 100 125	4	5TL14400 5TL14630 5TL14800 5TL14910 5TL14920	2840.- 3235.- 3900.- 4680.- 5065.-	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	1390.-	1/12
		1		5SL51017RC	1390.-	1/12
		2		5SL51027RC	1500.-	1/12
		3		5SL51037RC	1570.-	1/12
		4		5SL51047RC	1500.-	1/12
		6		5SL51067RC	1270.-	1/12
		8		5SL51087RC	1345.-	1/12
		10		5SL51107RC	1270.-	1/12
		16		5SL51167RC	1270.-	1/12
		20		5SL51207RC	1270.-	1/12
		25		5SL51257RC	1270.-	1/12
		32		5SL51327RC	1270.-	1/12
		40		5SL51407RC	1905.-	1/12
		50		5SL51507RC	1905.-	1/12
	63		5SL51637RC	1905.-	1/12	
	2P, 440V DC	0.5	2	5SL52057RC	3025.-	1/6
		1		5SL52017RC	3025.-	1/6
		2		5SL52027RC	3025.-	1/6
		3		5SL52037RC	3170.-	1/6
		4		5SL52047RC	3025.-	1/6
		6	■	5SL52067RC	2650.-	1/6
		8		5SL52087RC	2785.-	1/6
		10	■	5SL52107RC	2650.-	1/6
		16	■	5SL52167RC	2650.-	1/6
		20		5SL52207RC	2650.-	1/6
		25		5SL52257RC	2650.-	1/6
		32		5SL52327RC	2650.-	1/6
		40		5SL52407RC	3920.-	1/6
		50		5SL52507RC	3920.-	1/6
	63		5SL52637RC	3920.-	1/6	
	4P, 880V DC ¹⁾	6	4	5SL54067RC	5360.-	1/3
		10		5SL54107RC	5360.-	1/3
		16		5SL54167RC	5360.-	1/3
		25		5SL54257RC	5700.-	1/3
		32		5SL54327RC	5700.-	1/3
		40		5SL54407RC	6700.-	1/3
		63		5SL54637RC	7025.-	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 $I_{\Delta n} = 30\text{mA}$

Protects individuals if they come in direct contact with an active live part under normal operating condition



Fire protection

"Protection from insulation faults" with $I_{\Delta n} = 300\text{mA}$

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 $8/20\mu\text{s} > 1000\text{Amp}$

For Type "A"  have a surge current capability to avoid nuisance tripping



Betagard Residual Current Circuit Breakers 5SV



- 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 $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2 Pole	30	25	2	■ 5SV43120RC	5485.-	1
		100	25		5SV44120RC	6005.-	1
		300	25		5SV46120RC	6210.-	1
		30	40		■ 5SV43140RC	6430.-	1
		100	40		5SV44140RC	7040.-	1
		300	40		5SV46140RC	7310.-	1
		30	63		■ 5SV43160RC	8605.-	1
		100	63		5SV44160RC	9075.-	1
		300	63		5SV46160RC	9650.-	1
		30	80		5SV43170RC	13930.-	1
		100	80		5SV44170RC	14490.-	1
		300	80		5SV46170RC	14490.-	1
	4 Pole	30	25	4	■ 5SV43420RC	7700.-	1
		100	25		5SV44420RC	7985.-	1
		300	25		5SV46420RC	8275.-	1
		30	40		■ 5SV43440RC	7790.-	1
		100	40		5SV44440RC	8090.-	1
		300	40		5SV46440RC	8405.-	1
		30	63		■ 5SV43460RC	9075.-	1
		100	63		5SV44460RC	9445.-	1
		300	63		5SV46460RC	9775.-	1
		30	80		5SV43470RC	13930.-	1
		100	80		5SV44470RC	14490.-	1
		300	80		5SV46470RC	14490.-	1

Type A, applicable in networks with AC and/or pulsating DC residual currents

	2 Pole	30	25	2	5SV33126RC	10515.-	1
		100	25		5SV34126RC	12395.-	1
		300	25		5SV36126RC	12395.-	1
		30	40		5SV33146RC	11930.-	1
		100	40		5SV34146RC	12420.-	1
		300	40		5SV36146RC	12420.-	1
		30	63		5SV33166RC	17340.-	1
		100	63		5SV34166RC	17835.-	1
		300	63		5SV36166RC	16980.-	1
		30	80		5SV33176RC	18655.-	1
		100	80		5SV34176RC	20060.-	1
		300	80		5SV36176RC	19105.-	1
	4 Pole	30	25	4	5SV33426RC	12465.-	1
		100	25		5SV34426RC	15385.-	1
		300	25		5SV36426RC	15385.-	1
		30	40		5SV33446RC	13900.-	1
		100	40		5SV34446RC	15535.-	1
		300	40		5SV36446RC	15385.-	1
		30	63		5SV33466RC	15730.-	1
		100	63		5SV34466RC	15625.-	1
		300	63		5SV36466RC	15625.-	1
		30	80		5SV33476RC	18905.-	1
		100	80		5SV34476RC	20060.-	1
		300	80		5SV36476RC	19105.-	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, Over load and Short circuit faults



Easy and fast installation



Reduced inventory with range up to 63A in two variants only

Wide portfolio catering to various applications



Conforming to
- IEC/EN 61009-1
- IEC/EN 61009-2-1
- IEC/EN 61543



RoHS compliant



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 I _{Δn} [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	6215.-	1
			30	40	2- 40	5SM23220RC	5510.-	1
				63	2- 63	5SM23250RC	9050.-	1
			100	40	2- 40	5SM24220RC	6790.-	1
				63	2- 63	5SM24250RC	9855.-	1
			300	40	2- 40	5SM26220RC	5480.-	1
				63	2- 63	5SM26250RC	8830.-	1
	3	3	30	40	2- 40	5SM23320RC	6200.-	1
				63	2- 63	5SM23350RC	9345.-	1
			100	40	2- 40	5SM24320RC	7390.-	1
				63	2- 63	5SM24350RC	10180.-	1
			300	40	2- 40	5SM26320RC	7715.-	1
				63	2- 63	5SM26350RC	10415.-	1
	4	3	30	40	2- 40	5SM23420RC	6740.-	1
				63	2- 63	5SM23450RC	8735.-	1
			100	40	2- 40	5SM24420RC	7865.-	1
				63	2- 63	5SM24450RC	9115.-	1
			300	40	2- 40	5SM26420RC	8195.-	1
				63	2- 63	5SM26450RC	9350.-	1

Type A, applicable in networks with AC and/or pulsating DC residual currents

	Number of poles	Mounting width MW#	Rated residual current I _{Δn} [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	6330.-	1
			30	40	2- 40	5SM23226RC	5520.-	1
				63	2- 63	5SM23256RC	9400.-	1
			100	40	2- 40	5SM24226RC	7390.-	1
				63	2- 63	5SM24256RC	8345.-	1
			300	40	2- 40	5SM26226RC	7715.-	1
				63	2- 63	5SM26256RC	8665.-	1
	3	3	30	40	2- 40	5SM23326RC	6260.-	1
				63	2- 63	5SM23356RC	9590.-	1
			100	40	2- 40	5SM24326RC	7475.-	1
				63	2- 63	5SM24356RC	10430.-	1
			300	40	2- 40	5SM26326RC	7790.-	1
				63	2- 63	5SM26356RC	10670.-	1
	4	3	30	40	2- 40	5SM23426RC	7520.-	1
				63	2- 63	5SM23456RC	8965.-	1
			100	40	2- 40	5SM24426RC	8165.-	1
				63	2- 63	5SM24456RC	9350.-	1
			300	40	2- 40	5SM26426RC	8515.-	1
				63	2- 63	5SM26456RC	9595.-	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



- 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)⁵

	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	9775.-	1
		30	10		5SU13541RC10	9775.-	1
		30	16		5SU13541RC16	9775.-	1
		30	20		5SU13541RC20	9775.-	1
		30	25		5SU13541RC25	9775.-	1
		30	32		5SU13541RC32	10265.-	1
		30	40		5SU13541RC40	12130.-	1
		300	6		5SU16541RC06	9950.-	1
		300	10		5SU16541RC10	9950.-	1
		300	16		5SU16541RC16	9950.-	1
		300	20		5SU16541RC20	9950.-	1
		300	25		5SU16541RC25	9950.-	1
		300	32		5SU16541RC32	10470.-	1
		300	40		5SU16541RC40	12370.-	1

Type AC with C characteristic

	240V AC; 50Hz; 2 pole	30	32	4	5SU13241RC32	11100.-	1
			40		5SU13241RC40	12930.-	1
			63		5SU13241RC63	15025.-	1
		100	32		5SU14241RC32	12250.-	1
			40		5SU14241RC40	13765.-	1
			63		5SU14241RC63	16050.-	1
		300	32		5SU16241RC32	12370.-	1
			40		5SU16241RC40	13900.-	1
			63		5SU16241RC63	16050.-	1
	415V AC; 50Hz; 4 pole	30	32	7	5SU13441RC32	14820.-	1
			40		5SU13441RC40	15090.-	1
			63		5SU13441RC63	17910.-	1
		100	32		5SU14441RC32	15005.-	1
			40		5SU14441RC40	15295.-	1
			63		5SU14441RC63	17575.-	1
		300	32		5SU16441RC32	15125.-	1
			40		5SU16441RC40	15420.-	1
			63		5SU16441RC63	17740.-	1

Type AC with D characteristic

	240V AC; 50Hz; 2 pole	30	32	4	5SU13242RC32	14310.-	1
			40		5SU13242RC40	15680.-	1
			63		5SU13242RC63	18900.-	1
		100	32		5SU14242RC32	17320.-	1
			40		5SU14242RC40	18955.-	1
			63		5SU14242RC63	21645.-	1
		300	32		5SU16242RC32	16920.-	1
			40		5SU16242RC40	18955.-	1
			63		5SU16242RC63	21670.-	1
	415V AC; 50Hz; 4 pole	30	32	7	5SU13442RC32	19600.-	1
			40		5SU13442RC40	19885.-	1
			63		5SU13442RC63	23595.-	1
		100	32		5SU14442RC32	21210.-	1
			40		5SU14442RC40	22160.-	1
			63		5SU14442RC63	24575.-	1
		300	32		5SU16442RC32	20960.-	1
			40		5SU16442RC40	22370.-	1
			63		5SU16442RC63	24060.-	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

- 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 $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	240V AC; 50Hz; 2 pole ¹⁾	30	2	5SU13547RC06	17855.-	1
		30		5SU13547RC10	17855.-	1
		30		5SU13547RC16	17855.-	1
		30		5SU13547RC20	17855.-	1
		30		5SU13547RC25	17855.-	1
		30		5SU13547RC32	18665.-	1
		30		5SU13547RC40	22580.-	1
		300		5SU16547RC06	18380.-	1
		300		5SU16547RC10	18380.-	1
		300		5SU16547RC16	18380.-	1
		300		5SU16547RC20	18380.-	1
		300		5SU16547RC25	18380.-	1
		300		5SU16547RC32	19120.-	1
		300		5SU16547RC40	23055.-	1

Type A with C characteristic

	240V AC; 50Hz; 2 pole	30	4	5SU13247RC32	20110.-	1
				5SU13247RC40	22120.-	1
				5SU13247RC63	25020.-	1
		100		5SU14247RC32	21455.-	1
				5SU14247RC40	23835.-	1
				5SU14247RC63	27080.-	1
		300		5SU16247RC32	21455.-	1
				5SU16247RC40	23835.-	1
				5SU16247RC63	27080.-	1
	415V AC; 50Hz; 4 pole	30	7	5SU13447RC32	24605.-	1
				5SU13447RC40	25625.-	1
				5SU13447RC63	29320.-	1
		100		5SU14447RC32	26415.-	1
				5SU14447RC40	26910.-	1
				5SU14447RC63	30085.-	1
		300		5SU16447RC32	26415.-	1
				5SU16447RC40	27375.-	1
				5SU16447RC63	30550.-	1

Type A with D characteristic

	240V AC; 50Hz; 2 pole	30	4	5SU13248RC32	23455.-	1
				5SU13248RC40	26480.-	1
				5SU13248RC63	30125.-	1
		100		5SU14248RC32	25235.-	1
				5SU14248RC40	28070.-	1
				5SU14248RC63	31990.-	1
		300		5SU16248RC32	25235.-	1
				5SU16248RC40	28070.-	1
				5SU16248RC63	31990.-	1
	415V AC; 50Hz; 4 pole	30	7	5SU13448RC32	29045.-	1
				5SU13448RC40	29405.-	1
				5SU13448RC63	34685.-	1
		100		5SU14448RC32	30595.-	1
				5SU14448RC40	32690.-	1
				5SU14448RC63	35590.-	1
		300		5SU16448RC32	30595.-	1
				5SU16448RC40	32690.-	1
				5SU16448RC63	35595.-	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 RCBs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Aux contact block (For 5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3010 ¹⁾	2300.-	12
	2NO	5ST3011 ¹⁾	2350.-	1
	2NC	5ST3012 ¹⁾	2350.-	1
	1CO	5ST3016 ¹⁾	3725.-	1
	Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3020 ¹⁾	3385.-	1
	2NO	5ST3021 ¹⁾	3440.-	1
	2NC	5ST3022 ¹⁾	3440.-	1
	Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	110...415V AC	5ST3030 ¹⁾	9495.-	1/5
	24...48V DC	5ST3031 ¹⁾	9495.-	1/5
	Auxiliary and fault signal changeover contact (5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)	5ST3062	10955.-	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⁾	12750.-	1/5
	110V DC	5ST3041 ¹⁾	12750.-	1/5
	24V DC	5ST3042 ¹⁾	12750.-	1/5
	Without integrated aux. switch			
	230V AC	5ST3043 ¹⁾	12750.-	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	56870.-	1
	230V AC, 2MW	5ST3054	56870.-	1
	Power version for 5SL, 5SY, 5TL1, 5SU1 & 5SM2			
	(12-30)V AC & (12-48)V DC, 2MW	5ST3055	96240.-	1
	230V AC, 2MW	5ST3056	96240.-	1
	Power version for 5SM2	5ST3070	112290.-	1
	(12-30)V AC & (12-48)V DC, 2MW			
	Auto Reclose Device Version for 5SM2			
	(12-30)V AC & (12-48)V DC, 2MW	5ST3057	92160.-	1
	230V AC, 2MW	5ST3058	108030.-	1
	Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit)			
	For 5SL - 1P & 2P, 5SV - 4P and 5SM2- 2P	5ST38206	1200.-	1
	For 5SL - 3P & 4P and 5SM2 - 3P & 4P	5ST38207	1200.-	1
	For 5SY - 1P & 2P and For 5SU1 [^] - 2P, 4M	5ST38201	1200.-	1
	For 5SY - 3P & 4P and For 5SU1 [^] - 4P, 7M	5ST38202	1200.-	1
	For 5SU1 - 2P, 2M	5ST38205	1200.-	1
	[^] Add-on block for 5SU1 & 5SM2 to be ordered along with Adapter	5ST38203	2615.-	1
	Handle locking device			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	1185.-	1
	for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	1120.-	5
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	760.-	5
	Handle connector for 2P, 2M 5SU1 RCBs ⁵ (1set = 5 units in poly bag)	5ST38051	2360.-	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 ⁵⁵	5ST38140RC	4230.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

\$ For 2P, 2M RCBs, the accessories can be used along with Handle connector only

\$ Not suitable for 1P variants 1) Suffix -Z191 will be added for internal ordering

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

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.



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ISI certified
for assured safety.



Environment friendly
RoHS compliant switches.



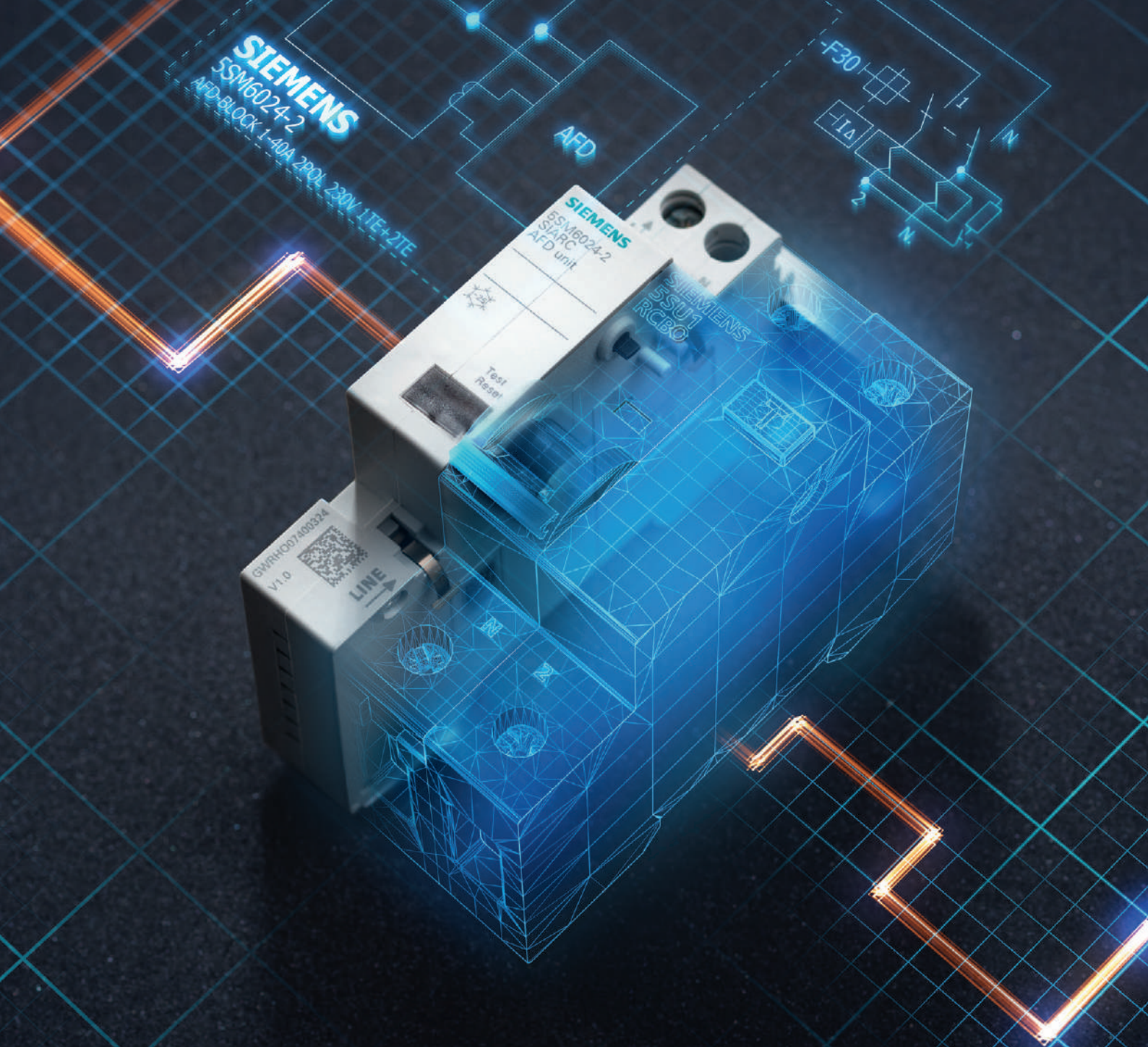
Comprehensive communication range
type tested as per standards ensuring higher reliability.



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

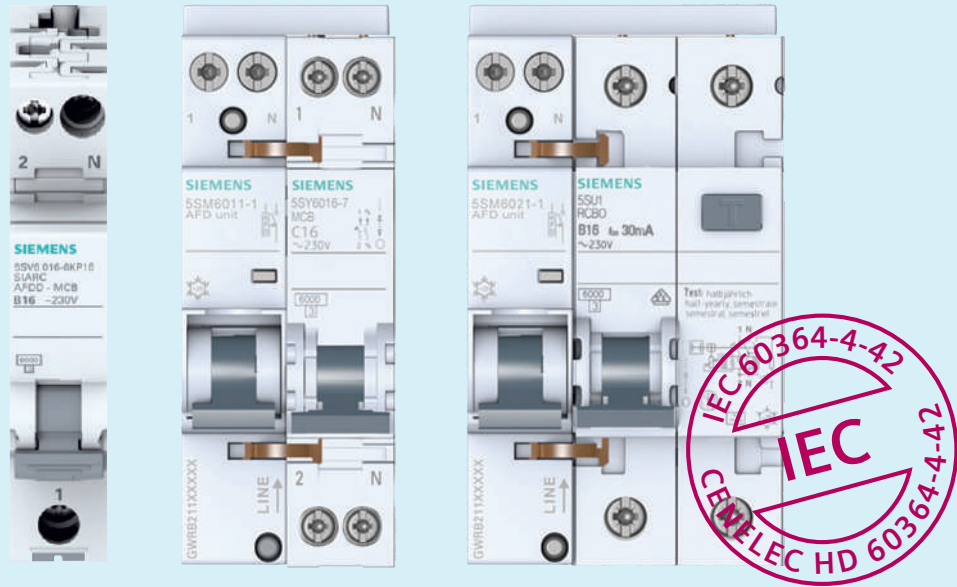
It's Time to Act Now!

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		Std. Pkg.** (Nos.)
		B characteristic	Unit LP* ₹	C characteristic	Unit LP* ₹	30mA, Type A, C characteristic	Unit LP* ₹	
	6A	5SV60166KK06	52945.-	5SV60167KK06	52945.-	5SV63167KK06	61780.-	1
	10A	5SV60166KK10	52945.-	5SV60167KK10	52945.-	5SV63167KK10	61780.-	
	13A	5SV60166KK13	54350.-	5SV60167KK13	54350.-	5SV63167KK13	61780.-	
	16A	5SV60166KK16	52945.-	5SV60167KK16	52945.-	5SV63167KK16	61780.-	
	20A	5SV60166KK20	60000.-	5SV60167KK20	60000.-	5SV63167KK20	68115.-	
	25A	5SV60166KK25	60000.-	5SV60167KK25	60000.-	5SV63167KK25	68115.-	
	32A	5SV60166KK32	60000.-	5SV60167KK32	60000.-	5SV63167KK32	68115.-	
	40A	5SV60166KK40	61780.-	5SV60167KK40	61780.-	5SV63167KK40	68115.-	

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)	81845.-	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)	45955.-	1
	40A	3	5SM60242	AFD Unit 1-40A, 230V, 1MW (Suitable for 2P 2M, 5SU1 RCBO)	64910.-	

* LP - List Price

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SENTRON Circuit protection devices with measuring and communication function



**SENTRON
5SV6 COM
AFDD/MCB**



**SENTRON
Powercenter 1100
data transceiver**



SENTRON AFDD COM 5SV6

	Rating	With integrated MCB				Std. Pkg.** (Nos.)
		B characteristic	Unit LP* ₹	C characteristic	Unit LP* ₹	
	6 A	5SV60166MC06	67305.-	5SV60167MC06	67305.-	1
	10 A	5SV60166MC10	67305.-	5SV60167MC10	67305.-	
	13 A	5SV60166MC13	68715.-	5SV60167MC13	68715.-	
	16 A	5SV60166MC16	67305.-	5SV60167MC16	67305.-	
	20 A	5SV60166MC20	69945.-	5SV60167MC20	69945.-	
	25 A	5SV60166MC25	69945.-	5SV60167MC25	69945.-	
	32 A	5SV60166MC32	69945.-	5SV60167MC32	69945.-	

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



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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	1370.-	1/20
	2 Module	–	–	2	8GB32100RC02	2040.-	1/20
	3 Module	–	–	3	8GB32100RC03	2040.-	1/20
	4 Module	–	–	4	8GB32100RC04	2040.-	1/20
	6 Module	–	–	6	8GB32100RC06	2690.-	1/20
	8 Module	–	–	8	8GB32100RC08	3170.-	1/10
SPN Single Door DBs#, IP20:							
	6 Module	2	4	6	8GB32101RC06	4025.-	1
	8 Module	2	6	8	8GB32101RC08	4280.-	1
	10 Module	2	8	10	8GB32101RC10	5150.-	1
	12 Module	2	10	12	8GB32101RC12	5335.-	1
	14 Module	2	12	14	8GB32101RC14	6025.-	1
	16 Module	2	14	16	8GB32101RC16	6490.-	1
SPN Metal Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32102RC06	6290.-	1
	8 Module	2	6	8	8GB32102RC08	6530.-	1
	10 Module	2	8	10	8GB32102RC10	7595.-	1
	12 Module	2	10	12	8GB32102RC12	7800.-	1
	14 Module	2	12	14	8GB32102RC14	9095.-	1
	16 Module	2	14	16	8GB32102RC16	9320.-	1
SPN Acrylic Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32103RC06	7385.-	1
	8 Module	2	6	8	8GB32103RC08	7800.-	1
	10 Module	2	8	10	8GB32103RC10	9095.-	1
	12 Module	2	10	12	8GB32103RC12	9760.-	1
	14 Module	2	12	14	8GB32103RC14	10180.-	1
	16 Module	2	14	16	8GB32103RC16	10620.-	1
Wire Way Box For SPN Single Door IP 20 DBs:							
	For 6 MOD SPN Single door DB	–	–	–	8GB32106RC06	2650.-	1/5
	For 8 MOD SPN Single door DB	–	–	–	8GB32106RC08	2650.-	1/5
	For 10 MOD SPN Single door DB	–	–	–	8GB32106RC10	2855.-	1/5
	For 12 MOD SPN Single door DB	–	–	–	8GB32106RC12	2855.-	1/5
	For 14 MOD SPN Single door DB	–	–	–	8GB32106RC14	3295.-	1/5
	For 16 MOD SPN Single door DB	–	–	–	8GB32106RC16	3295.-	1/5
Wire Way Box For SPN Double Door IP 43 DBs:							
	For 6 MOD SPN Double door DB	–	–	–	8GB32107RC06	2855.-	1/5
	For 8 MOD SPN Double door DB	–	–	–	8GB32107RC08	2855.-	1/5
	For 10 MOD SPN Double door DB	–	–	–	8GB32107RC10	3100.-	1/5
	For 12 MOD SPN Double door DB	–	–	–	8GB32107RC12	3100.-	1/5
	For 14 MOD SPN Double door DB	–	–	–	8GB32107RC14	3940.-	1/5
	For 16 MOD SPN Double door DB	–	–	–	8GB32107RC16	3940.-	1/5

Note: * MRP - Maximum Retail Price # Also available in flat door option

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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	10410.-	1
	6 way	8	18	26	8GB32201RC06	11820.-	1
	8 way	8	24	32	8GB32201RC08	14260.-	1
	10 way	8	30	38	8GB32201RC10	20695.-	1
	12 way	8	36	44	8GB32201RC12	21130.-	1
	14 way	8	42	50	8GB32201RC14	24235.-	1
	16 way	8	48	56	8GB32201RC16	25140.-	1
TPN Metal Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32202RC04	12715.-	1
	6 way	8	18	26	8GB32202RC06	15365.-	1
	8 way	8	24	32	8GB32202RC08	18470.-	1
	10 way	8	30	38	8GB32202RC10	26675.-	1
	12 way	8	36	44	8GB32202RC12	27340.-	1
	14 way	8	42	50	8GB32202RC14	32455.-	1
	16 way	8	48	56	8GB32202RC16	33380.-	1
TPN Acrylic Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32203RC04	15365.-	1
	6 way	8	18	26	8GB32203RC06	18920.-	1
	8 way	8	24	32	8GB32203RC08	22690.-	1
	10 way	8	30	38	8GB32203RC10	29590.-	1
	12 way	8	36	44	8GB32203RC12	34445.-	1
	14 way	8	42	50	8GB32203RC14	36895.-	1
	16 way	8	48	56	8GB32203RC16	39380.-	1
TPN to PPI Conversion Kit®							
	To convert 6 way TPN DB to 4 way TPN PPI DB				8GB32205RC04	8020.-	1/5
	To convert 8 way TPN DB to 6 way TPN PPI DB				8GB32205RC06	9355.-	1/5
	To convert 10 way TPN DB to 8 way TPN PPI DB				8GB32205RC08	9590.-	1/5
	To convert 12 way TPN DB to 10 way TPN PPI DB				8GB32205RC10	10235.-	1/5
	To convert 14 way TPN DB to 12 way TPN PPI DB				8GB32205RC12	10930.-	1/5
	To convert 16 way TPN DB to 14 way TPN PPI DB				8GB32205RC14	11560.-	1/5
Wire Way Box For TPN Single Door IP 20 DBs							
	For 4 Way TPN Single door DB	—	—	—	8GB32206RC04	3385.-	1/5
	For 6 Way TPN Single door DB	—	—	—	8GB32206RC06	3385.-	1/5
	For 8 Way TPN Single door DB	—	—	—	8GB32206RC08	6050.-	1/5
	For 10 Way TPN Single door DB	—	—	—	8GB32206RC10	7595.-	1/5
	For 12 Way TPN Single door DB	—	—	—	8GB32206RC12	7810.-	1/5
	For 14 Way TPN Single door DB	—	—	—	8GB32206RC14	8020.-	1/5
	For 16 Way TPN Single door DB	—	—	—	8GB32206RC16	8495.-	1/5
Wire Way Box For TPN Double Door IP 43 DBs							
	For 4 Way TPN Double door DB	—	—	—	8GB32207RC04	3590.-	1/5
	For 6 Way TPN Double door DB	—	—	—	8GB32207RC06	4060.-	1/5
	For 8 Way TPN Double door DB	—	—	—	8GB32207RC08	6470.-	1/5
	For 10 Way TPN Double door DB	—	—	—	8GB32207RC10	6930.-	1/5
	For 12 Way TPN Double door DB	—	—	—	8GB32207RC12	8495.-	1/5
	For 14 Way TPN Double door DB	—	—	—	8GB32207RC14	8920.-	1/5
	For 16 Way TPN Double door DB	—	—	—	8GB32207RC16	9175.-	1/5

Note: * MRP - Maximum Retail Price

@ Contains required accessories to Make the DB suitable for PPI Configuration

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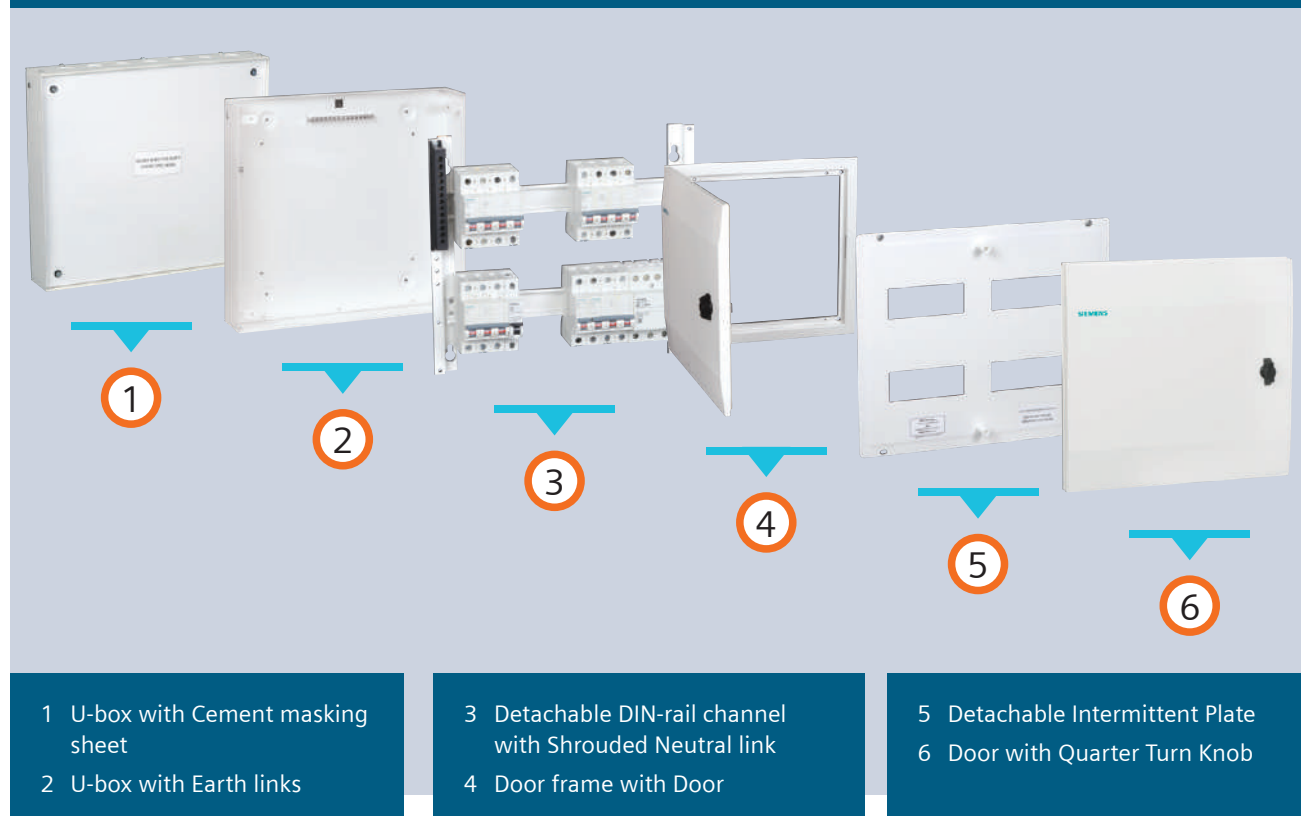
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Also available in flat door option

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	27865.-	1
	6 Way	12	12	18	42	8GB32001RC06	31340.-	1
	8 Way	12	12	24	48	8GB32001RC08	36580.-	1
	12 Way	12	12	36	60	8GB32001RC12	43555.-	1
TPN Phase segregated DBs, (8 segment) IP 43 For MCB as incomer								
	4 way	12	12	12	36	8GB32002RC04	33090.-	1
	6 way	12	12	18	42	8GB32002RC06	38320.-	1
	8 way	12	12	24	48	8GB32002RC08	43555.-	1
	12 way	12	12	36	60	8GB32002RC12	52250.-	1
TPN Phase segregated DBs, IP 43 for MCCB as incomer upto 160A								
	6 way		12	18	30	8GB32012RC06	59190.-	1
	8 way		12	24	36	8GB32012RC08	67915.-	1
	12 way		12	36	48	8GB32012RC12	76625.-	1
Wire Way box for MCB Incomer, IP 43 DBs								
	For 4 Way	–	–	–	–	8GB32007RC04	8695.-	1
	For 6 Way	–	–	–	–	8GB32007RC06	10435.-	1
	For 8 Way	–	–	–	–	8GB32007RC08	12170.-	1
	For 12 Way	–	–	–	–	8GB32007RC12	13915.-	1
Wire Way box for MCCB Incomer, IP 43 DBs								
	For 6 Way	–	–	–	–	8GB32017RC06	10435.-	1
	For 8 Way	–	–	–	–	8GB32017RC08	12170.-	1
	For 12 Way	–	–	–	–	8GB32017RC12	13915.-	1

Betagard Distribution Board 8GB



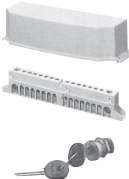
Note: * MRP - Maximum Retail Price

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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	4525.-	1/20
	1 Phase 20A, 2P MCB	2	8GB0501SRC	4525.-	1/20
	3 Phase 32A, 3P MCB	3	8GB0502	9570.-	1/15
	3 Phase 32A, 3P+N MCB	4	8GB0502S	9570.-	1/15
	5 Pin (3P+N+PE) 3Phase 32A MCB 3P+N MCB	8	8GB050332	15120.-	1/5
	5 Pin (3P+N+PE) 3Phase 63A MCB 3P+N MCB	8	8GB050363	39390.-	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	Price on request	1
	1 Row 8Mod	8	8GB13711		1
	1 Row 12Mod	12	8GB13712		1
	1 Row 18Mod	18	8GB13713		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	Price on request	1
	Coupling covers, 18M		8GB20511		1
	Insulated N/PE terminals, 8MW		8GB20520		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	175.-	25
Insulated Shorting Links				
Single Phase Shorting Links for Shorting 1P MCBs				
For SPN and TPN PPI DB				
	5 Leg SP Shorting Link	8GB9905LSP	530.-	10
	7 Leg SP Shorting Link	8GB9907LSP	620.-	10
	9 Leg SP Shorting Link	8GB9909LSP	725.-	10
	11 Leg SP Shorting Link	8GB9911LSP	770.-	10
	13 Leg SP Shorting Link	8GB9913LSP	1030.-	10
	15 Leg SP Shorting Link	8GB9915LSP	1240.-	10
	17 Leg SP Shorting Link	8GB9917LSP	1310.-	10
	For TPN DB			
	4 Leg SP Shorting Link	8GB9904LSP	530.-	10
	6 Leg SP Shorting Link	8GB9906LSP	620.-	10
	8 Leg SP Shorting Link	8GB9908LSP	725.-	10
	10 Leg SP Shorting Link	8GB9910LSP	770.-	10
	12 Leg SP Shorting Link	8GB9912LSP	1030.-	10
	14 Leg SP Shorting Link	8GB9914LSP	1240.-	10
	16 Leg SP Shorting Link	8GB9916LSP	1310.-	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.	8GB990SLLD	12890.-	1
	End Caps for 2 pole Shorting Links	8GB990ECLD	210.-	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.	8GB990SLLT	14100.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLT	320.-	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.	8GB990SLLTN	14905.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTN	395.-	10
Neutral Terminals				
Neutral Terminals For 8GB0 and 8GB31 DBs (Along with Mounting Stands)				
	5 Way Neutral Link	8GB9905NL	570.-	10
	11 Way Neutral Link	8GB9911NL	840.-	10
	13 Way Neutral Link	8GB9913NL	960.-	10
	15 Way Neutral Link	8GB9915NL	1075.-	10
Neutral Terminals For 8GB32 DBs (With Terminal Shroud and Cover)				
	Neutral Terminal 5 Holes	8GB9905NPE	620.-	10
	Neutral Terminal 11 Holes	8GB9911NPE	860.-	10
	Neutral Terminal 13 Holes	8GB9913NPE	1030.-	10
	Neutral Terminal 15 Holes	8GB9915NPE	1135.-	10
Earth Terminals				
	5 Way Earth Link	8GB9905EL	475.-	10
	11 Way Earth Link	8GB9911EL	805.-	10
	13 Way Earth Link	8GB9913EL	860.-	10
	15 Way Earth Link	8GB9915EL	1030.-	10

Note: * MRP - Maximum Retail Price

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SINOPLUS low-voltage electrical products



Cost-effective
Best price
performance
ratio



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range
For various
applications



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quality

IEC

Safe
Complies with
IEC standards



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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

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 U_c : 350V



Reference No.	Rated voltage	Pole	Module width	Total I_{imp} (10/350 μ s)	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	34740.-
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	67625.-

Type 2: Surge Arresters



Reference No.	Rated voltage	Pole	Module width	U_c	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	5680.-
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	16890.-

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} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	9595.-

Note: Standard packing: 1unit

*LP: List Price



Surge Protection Devices

For protection of equipment against lightning and switching surges

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 $I_{mp}(10/350\mu s)$		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	125085.-
240/415V AC	125A gL/gG	1.5-2.5kV	25kA/75kA	100kA	3P+N	5SD74141	212185.-

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 $I_{mp}(10/350\mu s)$		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	165985.-

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 $I_n=20kA$

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	65765.-
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	Yes	5SD74641	48520.-
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	No	5SD74220	38130.-
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	Yes	5SD74221	42095.-

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	56240.-
240/415V	80A gL/gG	≤1.5kV	40kA	3P	Yes	5SD74631	58815.-

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	26665.-
	120V AC 150V DC	26A	0.95kV	3kA	2P	5SD74326	29050.-
	240V AC 240V DC	26A	1.5kV	3kA	2P	5SD74327	29830.-

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	9595.-

Replacement Plug

	SPD Type	Type	Connection	Reference No.	Unit LP* ₹
	5SD74121	Type 1	L-N	5SD74181	46800.-
	5SD74131				
	5SD74141				
	5SD74121	Type 1	N-PE	5SD74180	49055.-
	5SD74131				
	5SD74141				
	5SD7463-0/1	Type 2	L-N	5SD74681	13745.-
	5SD7464-0/1		N-PE	5SD74880	17240.-
	5SD7422-0/1		L-N	5SD74281	13745.-
	5SD7422-0/1		N-PE	5SD74280	17895.-
	5SD7483-6	PV	-	5SD74983	14175.-

* Also available Type 1+ Type 2 and Type 1/2 Compact SPDs for protection against overvoltages from Lightning strikes as well as by switching operations in network

Note:

Standard packing: 1 unit

* LP - List Price



SENTRON Modular Devices

For efficient control and monitoring

- 7LF time switch - Digital and Analog timers for all applications; available in Mini, Top, Profi, Astro, Expert and Expert GPS variants
- 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	19060.-	1/5
	3NO+1NC contacts, 24V AC/24V DC (1NC contact rated for 30A)	40	3	5TT58412	19155.-	1/5
	4NO contacts, 230V AC/220V DC	40	3	5TT58400	19210.-	1/5
	4NO contacts, 24V AC/24V DC	40	3	5TT58402	19180.-	1/5
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	63	3	5TT58510	29850.-	1/5
	3NO+1NC contacts, 24V AC/24V DC, (1NC contact rated for 30A)	63	3	5TT58512	30395.-	1/5
	4NO contacts, 230V AC/220V DC	63	3	5TT58500	24345.-	1/5
	4NO contacts, 24V AC/24V DC	63	3	5TT58502	24395.-	1/5
Insta Contactors Manual / Automatic with Switching Indicator Standards: IEC60947-4-1, IEC60947-5-1						
	4NO contacts, 400V AC	40	3	5TT58406	28220.-	1/5
	4NO contacts, 400V AC	63	3	5TT58506	36975.-	1/5
Accessories						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	8500.-	1/10
Twilight switch						
	Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			7LQ2300	79960.-	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



Modular Devices

	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 0.7-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400V AC	4	2	5TT3402	Price on request	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	Price on request	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	Price on request	1
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	5TE5802	7770.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	7390.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	1985.-	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	4635.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	5890.-	1/12
	Transparent cap (Red) (1 set 5x each red/transparent)			5TG8061	2565.-	5
	Transparent cap (Green) (1 Set with 5x each green/transparent)			5TG8062	2565.-	5
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			5TG8063	2565.-	5
	Transparent cap (Blue) (1 Set with 5x each blue/transparent)			5TG8064	2565.-	5
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230V AC	4	2	5TT3170	Price on request	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

Modular Devices

	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	18030.-	1
	Yearly time switch top digital 230V, 1 channel	16	2	7LF45110	22080.-	1
	Yearly time switch top digital 230V, 2 channel	16	2	7LF45120	42275.-	1
	Weekly time switch profi digital 230V, 1 channel	16	2	7LF45210	39380.-	1
	Weekly time switch profi digital 230V, 2 channel	16	2	7LF45220	50935.-	1
	Weekly time switch astro digital 230V, 1 channel	16	2	7LF45310	39705.-	1
	Weekly time switch astro digital 230V, 2 channel	16	2	7LF45320	66370.-	1
Time Switches (Mechanical) Standards: EN 60730-1						
 7LF53005	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	7LF53011	24430.-	1
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53005	13485.-	1
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53016	25950.-	1
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250V AC	16	—	7LF53050	28390.-	1
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250V AC	16	—	7LF53010	16000.-	1
Accessories for Digital Time Switches						
	USB adapter and software			7LF49410	65350.-	1
	Data key profi, astro			7LF49411	6655.-	1

Note:

* LP - List Price

1MW (Module Width) = 18mm

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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

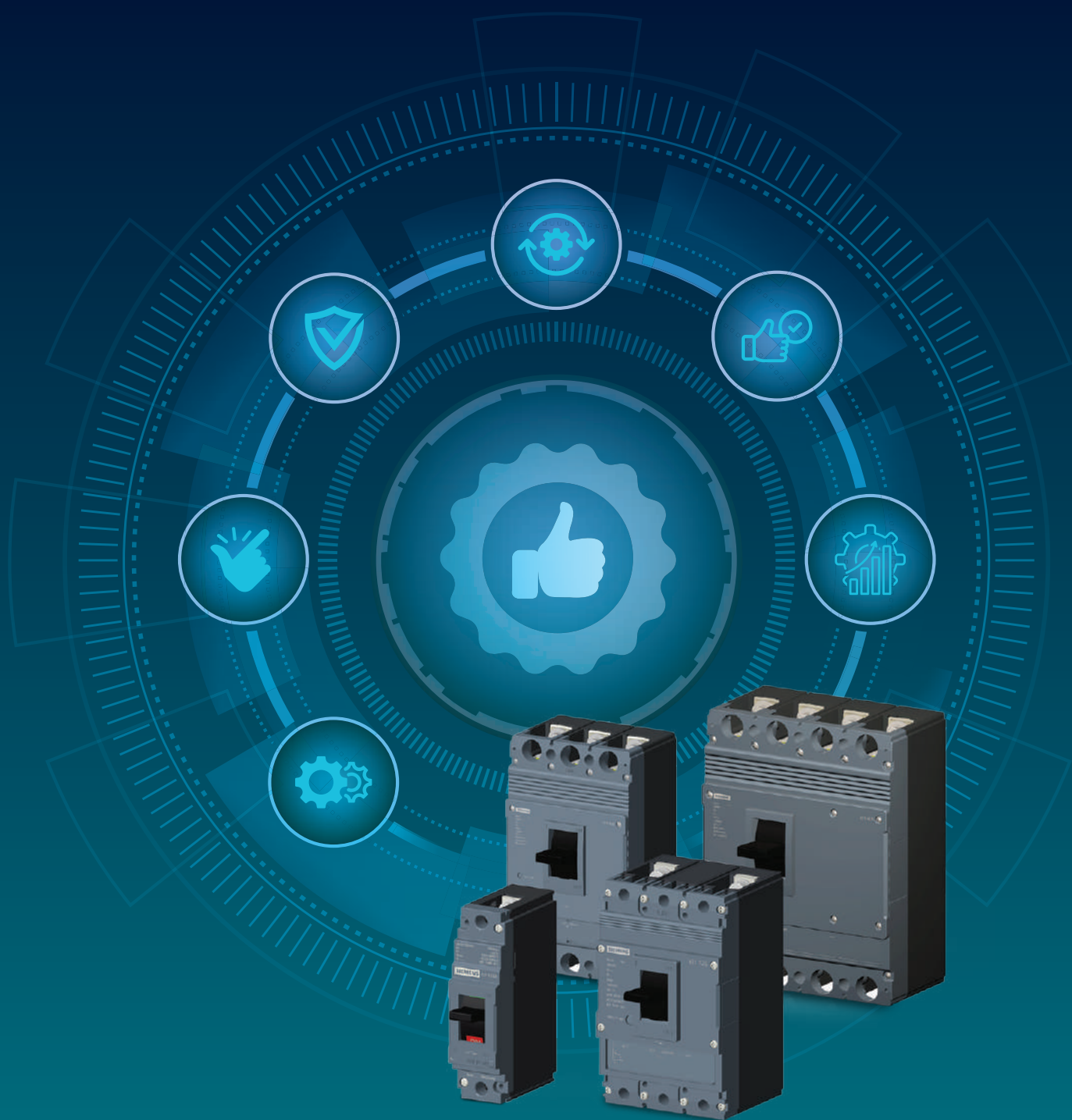


RoHS
Complies to
RoHS directives



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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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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 5SY42807CC	5SY43807CC 5SY44807CC

Modular Devices

Reference No.	Reference No.	Reference No.
5TE8161 5TE8162 5TE8142	5TT58000 5TT58006 5TT58016	5TT58306

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.

Export control regulation - retention clause: The fulfillment of the agreement on Siemens part is subject to the provision that this shall not be prevented by implements on the grounds of national and international legal requirements, in particular export control provision.

Stock items

The normal stock items (indicated by ) are subject to change without prior notice.

Note

- This supercedes all previous Price Lists.
- 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.

Ask your nearest Siemens partners to include you in our mailing list.

Always make your purchases only from our authorized dealers. Details available with our sales office/territory managers.



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

Data Manager

- Connection of up to 96 sensors (40A/63A)
- DIN rail installation (4MW)

Communication/ Software:

- Modbus TCP/ IP
- Simple system onfiguration via web server
- Easy access to energy data with mobile app (iOS/Android)

*For more details, contact nearest Siemens Sales Office

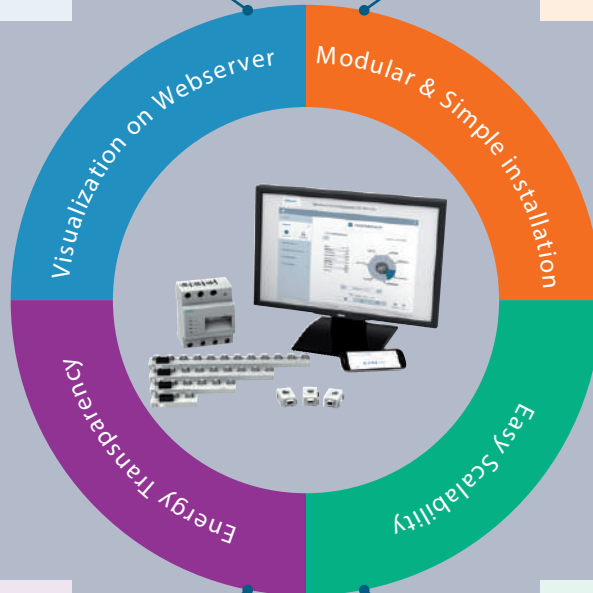
siemens.com/powermonitoring

SIEMENS

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

- 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

fast



plug
and
play

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

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



Easy



Transparent



Cost-efficient



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)
IP 6 8			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

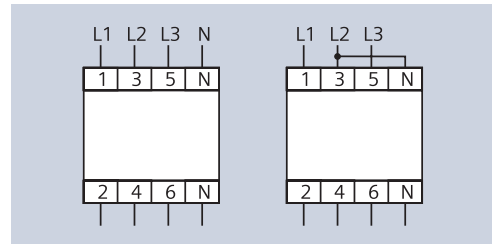


Installation Guideline for RCCB

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

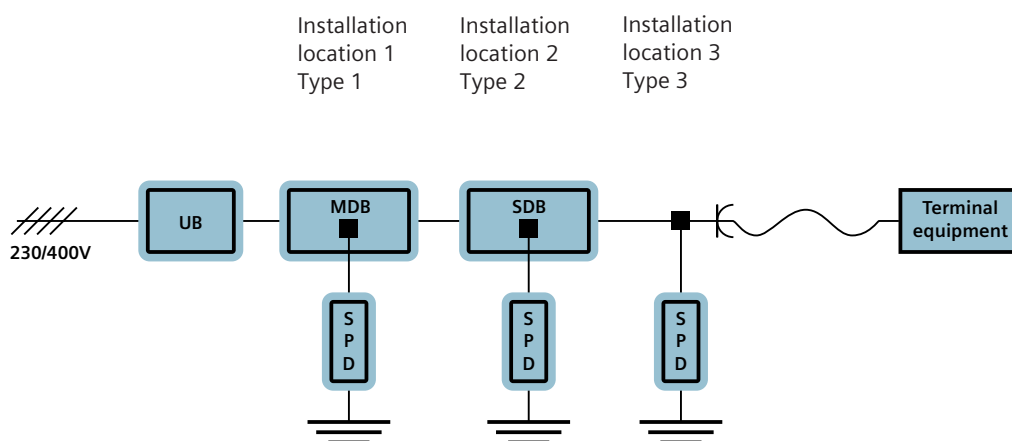
					6 mA	10 mA		
Type AC		■	—	—	—	—	—	—
Type A		■	■	■	■	—	—	—
Type F		■	■	■	■	■	■	—
Type B		■	■	■	■	■	■	■
Type B+	kHz	■	■	■	■	■	■	■

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

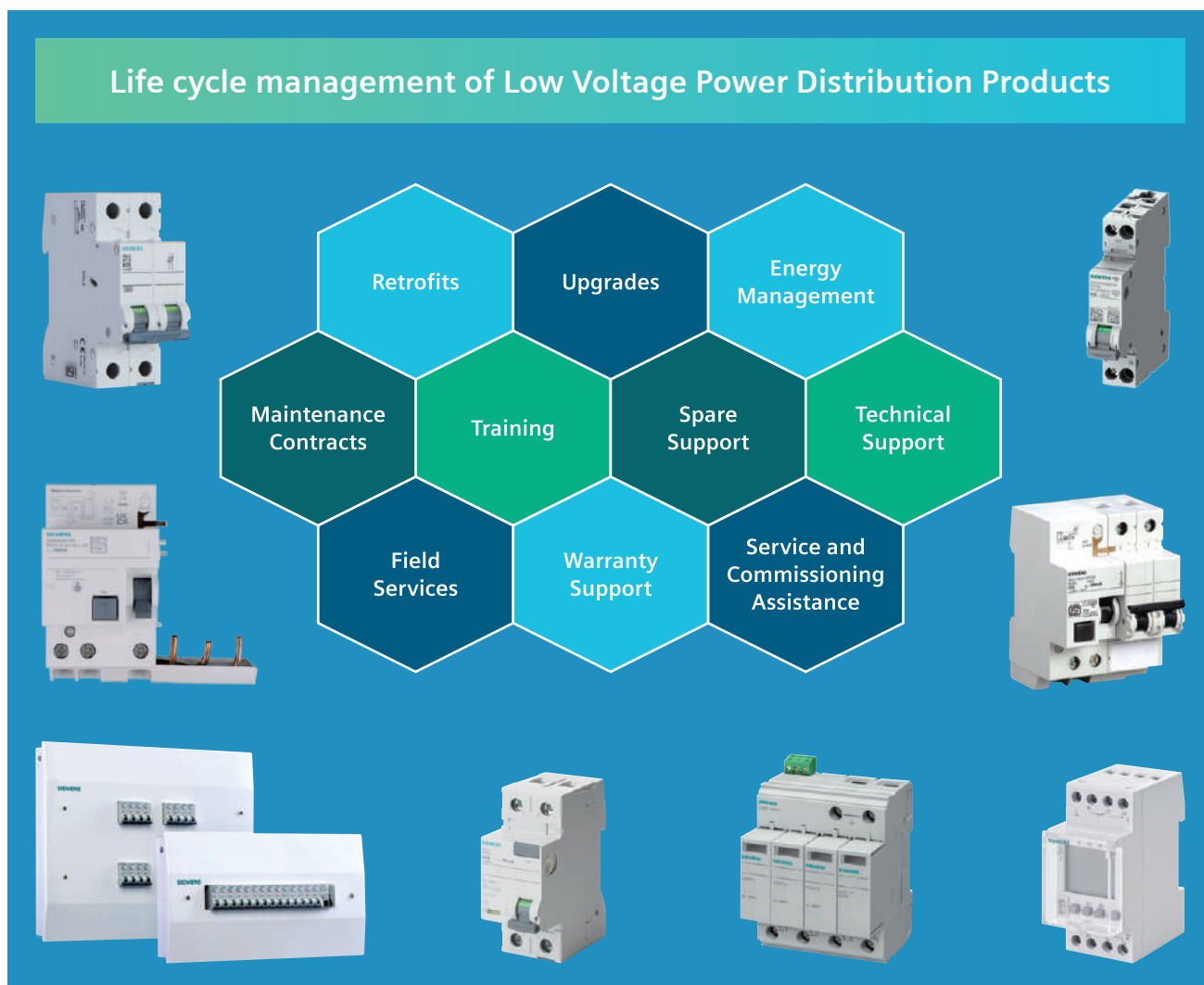
SDB: Sub Distribution board

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).

One point of contact for your service needs

The comprehensive range of services from Siemens is sure to cover the needs of the most varied users. We offer structured

services, designed to give you valuable support in every phase during the lifecycle of your final distribution products.



Please contact us for more details

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