



PRICE LIST

w.e.f 1st June, 2026

LV Components & Solutions



We touch your electricity everyday!



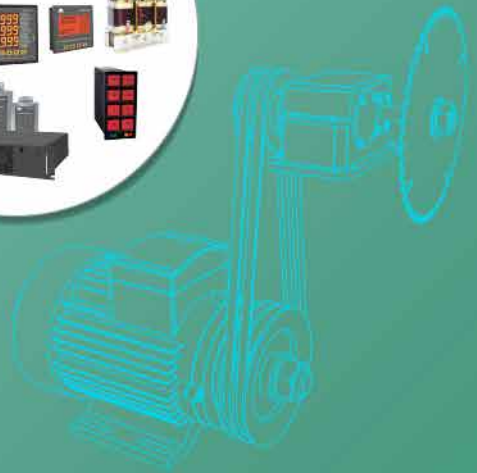
We touch your **electricity** everyday!

- Air Circuit Breakers
- Moulded Case Circuit Breakers
- Automatic Transfer Switch
- Motor Protection Circuit Breakers
- Power Contactors
- Control & Signalling Devices
- Meters
- Surge Protection Devices

- Power Capacitor
- Alarm Annunciator
- Active Power Filter
- Active VAR Generator
- Detuned Reactor
- APFCR
- Thyristor Switching Module



An IEC 61439
LV Type Tested Assemblies

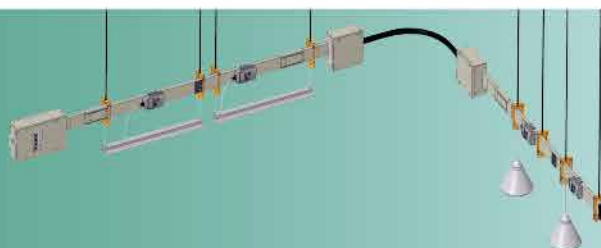
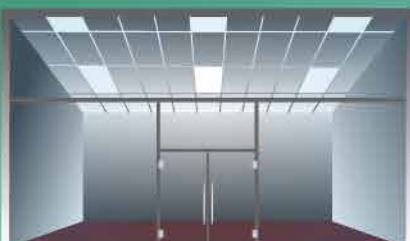


- Air Circuit Breakers
- Moulded Case Circuit Breakers
- Power Contactors
- DC Energy Meters










- Residual Current Circuit Breakers
- Miniature Circuit Breaker - DC & AC
- EV Distribution Board
- Switch Disconnecter



- Miniature Circuit Breakers
- Residual Current Circuit Breakers
- Distribution Boards
- RCBO
- Modular Switches



Lighting Trunking

Power Distribution Components	
WiNmaster3 ACB	6 ~ 10
WiNmaster2 ACB	11 ~ 14
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General Terms & Conditions

Maximum Retail Price are subject to revision without prior notice and will be applicable as prevailing at the time of dispatch.

- This Price List supercedes all previous Price Lists.
- All prices are on Maximum Retail Price basis inclusive of all Duties, GST and any other Tax as applicable.
- All Prices are in Indian Rupees.
- All prices indicated are for unit quantity. In case of ordering products with standard packaging defined, Kindly multiply by unit rate.

WARRANTY CLAUSE

All our products carry a standard warranty against manufacturing defects for a period of 18 months from the date of invoicing or 12 months from the date of installation, whichever is earlier, subject to it's usages in normal recommended operating conditions. The Company's liability shall be limited to exchange or repair of the defective product sold, at its discretion, provided that such defective product are returned to nearest sales office. In the event of failure to return the defective product within 30 days to the location of origin of invoice, a debit note / invoice will be raised against the advance replacement material at the original supply price +5% penalty.

CENTRAL CUSTOMER CARE (CCC)


Single stop Customer Support for all service needs, please contact:

Toll Free Number: 1800 572 2012

E-mail: customercare@cselectric.co.in

POR - Price on request

Products have been classified as Stockable & Non Stockable items.

Non Stockable items has been marked as 

HSN Code denoted as below:

[HSN Code 8536] GST@18%*

[HSN Code 8537] GST@18%*

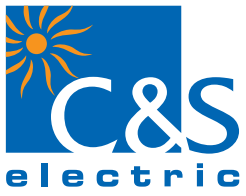
[HSN Code 8538] GST@18%*

*Subject to change as per Government of India notification

Power Distribution Components



- Air Circuit Breakers
- Moulded Case Circuit Breakers
- Switch Disconnector Fuses
- Switch Disconnectors
- Changeover & Bypass Switches
- Automatic / Motorized Transfer Switches
- HRC Fuse Links, Fuse Bases & Fuse Holders



BUILT TO KEEP RUNNING

INTELLIGENT RELEASE



Micropro Series

- LSIG; Neutral & Advance Protection
- MCR & HSISC Protection
- Thermal Memory for LT & ST
- LCD Display
- Self-diagnostics in Test Mode
- Modbus Protocol, ZSI and Breaker Failure Protection
- Contact wear Indication, Total no of Operations & Operating time
- ACB ID Assignment
- Bar Representation for Input Current and Voltage on Home Screen

WiNmaster3 Air Circuit Breakers - Operational Voltage upto 690V

- Range 630A to 4000A
- ACB with Universal Termination*
- Microprocessor release with Individual Fault Annunciation LEDs

Price on Request

[HSN Code: 8536]

3 Pole *MDO Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics

Rating (Amps)	N (50kA @ 415V AC)	S (65kA @ 415V AC)	L (80kA @ 415V AC)	H (100kA @ 415V AC)
630A	WX306N3P1MDOA(S)	WX306S3P1MDOA(S)	WX306L3P1MDOA(S)	-
800A	WX308N3P1MDOA(S)	WX308S3P1MDOA(S)	WX308L3P1MDOA(S)	WX308H3P2MDOA(S)
1000A	WX310N3P1MDOA(S)	WX310S3P1MDOA(S)	WX310L3P1MDOA(S)	WX310H3P2MDOA(S)
1250A	WX312N3P1MDOA(S)	WX312S3P1MDOA(S)	WX312L3P1MDOA(S)	WX312H3P2MDOA(S)
1600A	-	WX316S3P1MDOA(S)	WX316L3P1MDOA(S)	WX316H3P2MDOA(S)
2000A	-	-	WX320L3P1MDOA(S)	WX320H3P2MDOA(S)
2500A	-	-	WX325L3P1MDOA(S)	WX325H3P2MDOA(S)
3200A	-	-	-	WX332H3P2MDOA(S)
4000A	-	-	-	WX340H3P2MDOA(S)

4 Pole *MDO Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics

Rating (Amps)	N (50kA @ 415V AC)	S (65kA @ 415V AC)	L (80kA @ 415V AC)	H (100kA @ 415V AC)
630A	WX306N4P1MDOA(S)	WX306S4P1MDOA(S)	WX306L4P1MDOA(S)	-
800A	WX308N4P1MDOA(S)	WX308S4P1MDOA(S)	WX308L4P1MDOA(S)	WX308H4P2MDOA(S)
1000A	WX310N4P1MDOA(S)	WX310S4P1MDOA(S)	WX310L4P1MDOA(S)	WX310H4P2MDOA(S)
1250A	WX312N4P1MDOA(S)	WX312S4P1MDOA(S)	WX312L4P1MDOA(S)	WX312H4P2MDOA(S)
1600A	-	WX316S4P1MDOA(S)	WX316L4P1MDOA(S)	WX316H4P2MDOA(S)
2000A	-	-	WX320L4P1MDOA(S)	WX320H4P2MDOA(S)
2500A	-	-	WX325L4P1MDOA(S)	WX325H4P2MDOA(S)
3200A	-	-	-	WX332H4P2MDOA(S)
4000A	-	-	-	WX340H4P2MDOA(S)

3 Pole *MF Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics

Rating (Amps)	N (50kA @ 415V AC)	S (65kA @ 415V AC)	L (80kA @ 415V AC)	H (100kA @ 415V AC)
630A	WX306N3P1MFA(S)	WX306S3P1MFA(S)	WX306L3P1MFA(S)	-
800A	WX308N3P1MFA(S)	WX308S3P1MFA(S)	WX308L3P1MFA(S)	WX308H3P2MFA(S)
1000A	WX310N3P1MFA(S)	WX310S3P1MFA(S)	WX310L3P1MFA(S)	WX310H3P2MFA(S)
1250A	WX312N3P1MFA(S)	WX312S3P1MFA(S)	WX312L3P1MFA(S)	WX312H3P2MFA(S)
1600A	-	WX316S3P1MFA(S)	WX316L3P1MFA(S)	WX316H3P2MFA(S)
2000A	-	-	WX320L3P1MFA(S)	WX320H3P2MFA(S)
2500A	-	-	WX325L3P1MFA(S)	WX325H3P2MFA(S)
3200A	-	-	-	WX332H3P2MFA(S)
4000A	-	-	-	WX340H3P2MFA(S)

4 Pole *MF Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics

Rating (Amps)	N (50kA @ 415V AC)	S (65kA @ 415V AC)	L (80kA @ 415V AC)	H (100kA @ 415V AC)
630A	WX306N4P1MFA(S)	WX306S4P1MFA(S)	WX306L4P1MFA(S)	-
800A	WX308N4P1MFA(S)	WX308S4P1MFA(S)	WX308L4P1MFA(S)	WX308H4P2MFA(S)
1000A	WX310N4P1MFA(S)	WX310S4P1MFA(S)	WX310L4P1MFA(S)	WX310H4P2MFA(S)
1250A	WX312N4P1MFA(S)	WX312S4P1MFA(S)	WX312L4P1MFA(S)	WX312H4P2MFA(S)
1600A	-	WX316S4P1MFA(S)	WX316L4P1MFA(S)	WX316H4P2MFA(S)
2000A	-	-	WX320L4P1MFA(S)	WX320H4P2MFA(S)
2500A	-	-	WX325L4P1MFA(S)	WX325H4P2MFA(S)
3200A	-	-	-	WX332H4P2MFA(S)
4000A	-	-	-	WX340H4P2MFA(S)

NOTE:

*Universal termination option available upto 3200A

For ordering EDO ACB replace MDO by EDO in the above reference code.

For ordering EF ACB replace MF by EF in the above reference code.



Air Circuit Breaker

Winmaster3 Air Circuit Breakers - Operational Voltage 800V

- Range 630A to 4000A
- ACB with Universal Termination*
- Microprocessor release with Individual Fault Annunciation LEDs

Price on Request

[HSN Code: 8536]

3 Pole MDO Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics

Rating (Amps)	MC (42kA @ 800V AC)	NC (50kA @ 800V AC)
630A	WX306MC3P1MDOA(S)	-
800A	WX308MC3P1MDOA(S)	WX308NC3P2MDOA(S)
1000A	WX310MC3P1MDOA(S)	WX310NC3P2MDOA(S)
1250A	WX312MC3P1MDOA(S)	WX312NC3P2MDOA(S)
1600A	WX316MC3P1MDOA(S)	WX316NC3P2MDOA(S)
2000A	WX320MC3P1MDOA(S)	WX320NC3P2MDOA(S)
2500A	WX325MC3P1MDOA(S)	WX325NC3P2MDOA(S)
3200A	-	WX332NC3P2MDOA(S)
4000A	-	WX340NC3P2MDOA(S)

4 Pole MDO Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics

Rating (Amps)	MC (42kA @ 800V AC)	NC (50kA @ 800V AC)
630A	WX306MC4P1MDOA(S)	-
800A	WX308MC4P1MDOA(S)	WX308NC4P2MDOA(S)
1000A	WX310MC4P1MDOA(S)	WX310NC4P2MDOA(S)
1250A	WX312MC4P1MDOA(S)	WX312NC4P2MDOA(S)
1600A	WX316MC4P1MDOA(S)	WX316NC4P2MDOA(S)
2000A	WX320MC4P1MDOA(S)	WX320NC4P2MDOA(S)
2500A	WX325MC4P1MDOA(S)	WX325NC4P2MDOA(S)
3200A	-	WX332NC4P2MDOA(S)
4000A	-	WX340NC4P2MDOA(S)

3 Pole MF Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics

Rating (Amps)	MC (42kA @ 800V AC)	NC (50kA @ 800V AC)
630A	WX306MC3P1MFA(S)	-
800A	WX308MC3P1MFA(S)	WX308NC3P2MFA(S)
1000A	WX310MC3P1MFA(S)	WX310NC3P2MFA(S)
1250A	WX312MC3P1MFA(S)	WX312NC3P2MFA(S)
1600A	WX316MC3P1MFA(S)	WX316NC3P2MFA(S)
2000A	WX320MC3P1MFA(S)	WX320NC3P2MFA(S)
2500A	WX325MC3P1MFA(S)	WX325NC3P2MFA(S)
3200A	-	WX332NC3P2MFA(S)
4000A	-	WX340NC3P2MFA(S)

4 Pole MF Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics

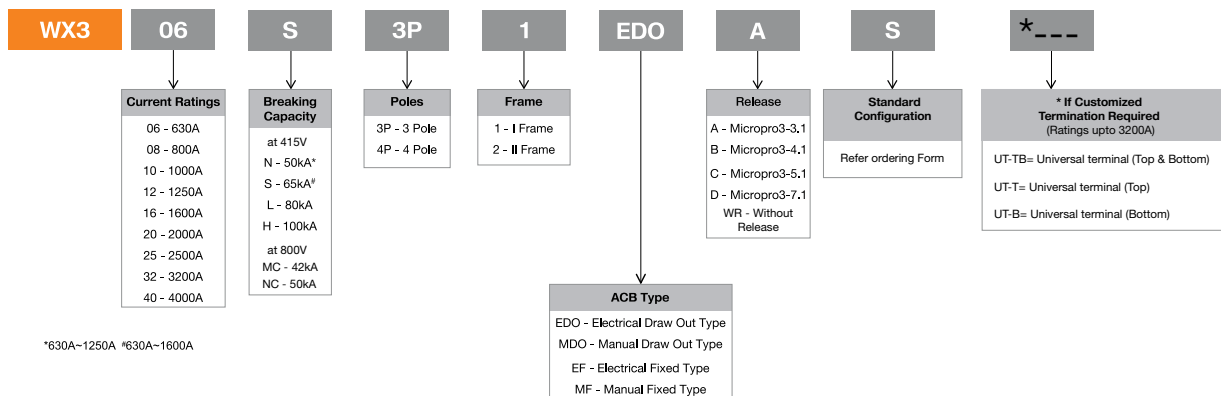
Rating (Amps)	MC (42kA @ 800V AC)	NC (50kA @ 800V AC)
630A	WX306MC4P1MFA(S)	-
800A	WX308MC4P1MFA(S)	WX308NC4P2MFA(S)
1000A	WX310MC4P1MFA(S)	WX310NC4P2MFA(S)
1250A	WX312MC4P1MFA(S)	WX312NC4P2MFA(S)
1600A	WX316MC4P1MFA(S)	WX316NC4P2MFA(S)
2000A	WX320MC4P1MFA(S)	WX320NC4P2MFA(S)
2500A	WX325MC4P1MFA(S)	WX325NC4P2MFA(S)
3200A	-	WX332NC4P2MFA(S)
4000A	-	WX340NC4P2MFA(S)

MRP & Reference Code changes for ACB with Neutral CT MRP (₹)

For ACB with NCT add to the above price of 3 Pole ACB with MP3-3.1	ADD	10730
MRP & Reference Code changes as per the release modification	Ordering Code	MRP (₹)
Without release ACB	WR	POR
MicroPro3 3.1 (LSING)	A	
MicroPro3 4.1 (LSING, LED Display, Current Measurement, Trip History)	B	
MicroPro3 5.1 (LSING, 2 LED Display, Current + Voltage + Power Measurement, Trip History,	C	
MicroPro3 7.1 (LSING + Advanced Protections, LCD Display, Current + Voltage + Power + Harmonics Measurement, Trip History, ZSI, Communication, Maintenance Indicator)	D	

NOTE: For Winmaster3 MRP please connect with nearest branch office.

ACB Winmaster3 - Ordering Information





Winmaster3 ACB Order Form

Please fill separate sheet for each type of ACB, Tick the box in front of each appropriate item and fill in the blanks.

Customer Name	Order No. & Date	Delivery Date	End User/ Panel Builder Name & Ph. No.

Frame1 ACB	<input type="checkbox"/> 630A	<input type="checkbox"/> 1000A	<input type="checkbox"/> 1600A	<input type="checkbox"/> 2500A	Product Code
	<input type="checkbox"/> 800A	<input type="checkbox"/> 1250A	<input type="checkbox"/> 2000A		
Breaking Capacity	630A - 1250A <input type="checkbox"/> 50kA 415V / 36kA 690V		630A - 1600A <input type="checkbox"/> 65kA 415V / 42kA 690V		
			630A - 2500A <input type="checkbox"/> 80kA 415V / 50kA 690V <input type="checkbox"/> 42kA 800V		

Frame2 ACB	<input type="checkbox"/> 800A	<input type="checkbox"/> 1250A	<input type="checkbox"/> 2000A	<input type="checkbox"/> 3200A	Qty.
	<input type="checkbox"/> 1000A	<input type="checkbox"/> 1600A	<input type="checkbox"/> 2500A	<input type="checkbox"/> 4000A	
Breaking Capacity	<input type="checkbox"/> 100kA, 415V AC / 65kA 690V <input type="checkbox"/> 50kA, 800V AC				

Variant	<input type="checkbox"/> 3 Pole	<input type="checkbox"/> 4 Pole	<input type="checkbox"/> Manual	<input type="checkbox"/> Electrical	<input type="checkbox"/> Fixed	<input type="checkbox"/> Drawout
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Standard Configuration	Manual Fixed (MF)	Electrical Fixed (EF)	Manual Drawn Out (MDO)	Electrical Drawn Out (EDO)
	Microprocessor Release	Microprocessor Release	Microprocessor Release	Microprocessor Release
	60 Ways SIC (6NO+6NC available on site)	60 Ways SIC (6NO+6NC available on site)	60 Ways SIC (6NO+6NC available on site)	60 Ways SIC (6NO+6NC available on site)
		Charging Motor		Charging Motor
		Shunt Release		Shunt Release
		Closing Coil		Closing Coil
		RTC & Spring charge indication		RTC & Spring charge indication

Customized Termination - 630A to 3200A (Termination of 4000A is vertical only)

- Top Universal Termination
- Bottom Universal Terminal
- Top Flat Terminal
- Bottom Flat Terminal
- Phase Barriers
(Mandatory in case of Horizontal orientation of terminal / busbar)

Note: In case of customized termination please confirm for Top and Bottom

Closing Coil

110V AC/DC	220V AC/DC	415V AC
24V DC	48V DC	

Shunt Trip Coil

110V AC/DC	220V AC/DC	415V AC
24V DC	48V DC	

Charging Motor

110V AC/DC	220V AC/DC	415V AC
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UVT

100-130V AC	220-250V AC	380-440V AC
110V DC	220V DC	
Without Time Delay		With Time Delay

Release	<input type="checkbox"/> MicroPro3-3.1	<input type="checkbox"/> MicroPro3-4.1	<input type="checkbox"/> MicroPro3-5.1	<input type="checkbox"/> MicroPro3-7.1*
	<input type="checkbox"/> Without Release			
#(Control Voltage)	<input type="checkbox"/> 220V AC	<input type="checkbox"/> 110-220V DC	<input type="checkbox"/> 415V AC	<input type="checkbox"/> 24V DC

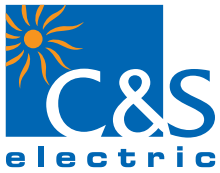
- Door Interlock
- Mechanical Interlock Cable Type
- Mechanical Counter
- Key Interlock
- Electrical Position Indication
- Neutral CT
- 1 ACB
- 2 ACB
- 3 ACB
- IP 54 Protection (For Drawout ACB Only)
- Spring charge Ind.(Elec. Only)

Special Requirement if any

Notes:

- (1) Please refer to catalogue / Price list for further details of MicroPro3 release
- (2) Neutral CT is required along with Micropro3 release in case ground fault protection is required with 3P ACB and needs to be connected with solid Neutral Link.
- (3) Trip indication switch shall be available by default with ACB equipped with microprocessor release.

*Only for 220V AC



WiNmaster2

Breaker with intelligence

WiNmaster2 Power Circuit Breakers are a new generation of Air Circuit Breakers having modular construction to offer a truly global product platform meeting IEC, ANSI and UL standards.



 **RoHS**
Compliant

Range
630A~2500A

Single frame
for
complete
range

Poles
3P & 4P

Versions
Fixed & Drawout
(Mechanical
& Electrical)

Ics=Icu=Icw
(for 1 sec)
at 50kA

Intelligent releases

Micropro2 3.1

Micropro2 4.1

Micropro2 7.1

Measurement

Trip
History

ZSI

Fault
LED retention

Short Circuit
Protection

Communication





Air Circuit Breaker

WiNmaster2 Air Circuit Breaker

630A-2500A

Features:

- LSING Protection
- Digital Display
- Communication through RS 485 Port
- True RMS Sensing
- Current, Voltage, Power Measurement with Maximeter
- Thermal Memory
- Trip History
- Fault Indication
- Zone Selectivity
- Harmonics



WiNmaster2 Breakers fitted with standard accessories, tabulated below, are included in the Prices mentioned in subsequent tables.

Manual Fixed (MF)	Electrical Fixed (EF)	Manual Drawout (MDO)	Electrical Drawout (EDO)
<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 6NO+6NC - Main CTs - Terminal Type - Horizontal 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 6NO+6NC - Main CTs - AC/DC Charging Motor - Closing Coil - Shunt Trip - Terminal Type - Horizontal 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 6NO+6NC - Main CTs - Safety Shutter - 60 Way auxiliary isolating contacts - Terminal Type - Horizontal 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 6NO+6NC - Main CTs - Safety Shutter - 60 Way auxiliary isolating contacts - AC/DC Charging Motor - Closing Coil - Shunt Trip - Terminal Type - Horizontal

Air Circuit Breaker with Intelligent Release Micropro2-3.1

Fixed 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MF	*EF
630	50kA	WX06N3P*A(S)	POR	POR
800	50kA	WX08N3P*A(S)		
1000	50kA	WX10N3P*A(S)		
1250	50kA	WX12N3P*A(S)		
1600	50kA	WX16N3P*A(S)		
2000	50kA	WX20N3P*A(S)		
2500	50kA	WX25N3P*A(S)		

Air Circuit Breaker with Intelligent Release Micropro2-3.1

Fixed 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MF	*EF
630	50kA	WX06N4P*A(S)	POR	POR
800	50kA	WX08N4P*A(S)		
1000	50kA	WX10N4P*A(S)		
1250	50kA	WX12N4P*A(S)		
1600	50kA	WX16N4P*A(S)		
2000	50kA	WX20N4P*A(S)		
2500	50kA	WX25N4P*A(S)		

Drawout 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MDO	*EDO
630	50kA	WX06N3P*A(S)	349980	425550
800	50kA	WX08N3P*A(S)	331880	425550
1000	50kA	WX10N3P*A(S)	345460	442590
1250	50kA	WX12N3P*A(S)	373850	482720
1600	50kA	WX16N3P*A(S)	428870	536570
2000	50kA	WX20N3P*A(S)	524190	641270
2500	50kA	WX25N3P*A(S)	641990	771890

Drawout 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MDO	*EDO
630	50kA	WX06N4P*A(S)	415270	501970
800	50kA	WX08N4P*A(S)	415270	506760
1000	50kA	WX10N4P*A(S)	439050	526760
1250	50kA	WX12N4P*A(S)	467960	579370
1600	50kA	WX16N4P*A(S)	541630	629320
2000	50kA	WX20N4P*A(S)	666170	753010
2500	50kA	WX25N4P*A(S)	791620	875990

List Price & Reference Code changes for ACB with Neutral CT

For ACB with NCT add to the above price of 3 Pole ACB with MP2 3.1		ADD	11510
With NCT ordering Code will be	Existing Code	New Code	
	WX06N3PMFA(S)	WX06N3PNMFA(S)	
	WX06N3PNEFA(S)	WX06N3PNEFA(S)	
	WX06N3PNEDOA(S)	WX06N3PNEDOA(S)	
	WX06N3PNMDOA(S)	WX06N3PNMDOA(S)	

#Price Changes for ACB with high end release w.r.t MicroPro2 3.1 ACB

Release	Description	MRP (₹)	Ordering Code
MicroPro2 3.1	LSIG	As mentioned above in Reference	A
MicroPro2 4.1	LSING, Thermal Memory, Last Fault Trip History & current display	Add 9330	B
MicroPro2 7.1	LSING, Earth Leakage Protection, Trip History, Over & under voltage/ Frequency, voltage imbalance, current imbalance, Reverse power, Phase Sequence, Leakage Alarm, Current imbalance Protection, Fault Indication, current, voltage and power display with maximeter feature with inbuilt communication	Add 70050	C
Without Release	For ordering ACB without release (Reduce from MRP of ACB with Micropro2 - 3.1 release)	Reduce 8500	WR

- NOTES:**
- 1) While ordering an ACB, the complete catalogue reference by replacing '*' with ACB type: MF-Manual Fixed, EF-Electrical Fixed, MDO-Manual Drawout, EDO-Electrical Drawout
 - 2) In TP ACB, if earth fault facility required. Please add Price of neutral CT to ACB Price as mentioned above.
 - 3) Other options of terminals are available on request.
 - 4) #For ordering replace A with B or C, as per requirement.
 - 5) All configurable products are non stockable.



WiNmaster2/3 Air Circuit Breaker Accessories

Main Accessories (Please specify ACB rating & type while placing order)

1. Under Voltage Trip Device [HSN Code: 8538]

Sl. No.	Compatible with	Description	Reference	MRP (₹)
1.1	WM2/ WM3	Without Delay Common for 630A~4000A	CS-WM2-AUH-V-ABC-**	13050
1.2	WM2/ WM3	With Delay Common for 630A~4000A	CS-WM2-AUH-D-ABC-**	14260

2. Continuous rated Shunt Trip and Closing Coil [HSN Code: 8538]

Sl. No.	Compatible with	Description	Reference	MRP (₹)
2.1	WM2/ WM3	Shunt Coil Common for 630A~4000A	CS-WM2-AVH-SC-ABC-**	6520
2.2	WM2/ WM3	Closing Coil Common for 630A~4000A	CS-WM2-AVH-CC-ABC-**	6520

3. Accessories [HSN Code: 8538]

Sl. No.	Compatible with	Description	Reference	MRP (₹)
3.1	WM2 / WM3	Universal Charging Motor-Common for 630A-2500A (for 220VAC/DC)	CS-WM2-AMH-AV-A-M	57790
3.2	WM2 / WM3	Universal Charging Motor-Common for 630A-2500A (for 415VAC)	CS-WM2-AMH-AU-A1-N	57790
3.3	WM2 / WM3	Universal Charging Motor-Common for 630A-2500A (for 110VAC/DC)	CS-WM2-AMH-AS-A1-F	57790
3.4	WM3	Universal Charging Motor for Frame2, Common for 800A-4000A (for 220VAC/DC)	CS-WM3-AMH-AV-A2-M	57790
3.5	WM3	Universal Charging Motor for Frame2, Common for 800A-4000A (for 415VAC)	CS-WM3-AMH-AU-A2-N	57790
3.6	WM3	Universal Charging Motor for Frame2, Common for 800A-4000A (for 110VAC/DC)	CS-WM3-AMH-AS-A2-F	57790
3.7	WM2 / WM3	LIFTER	LIFTER (580x600)*	242330
			LIFTER-SPL (690x570)*	266430
3.8	WM2 / WM3	Mismatch Prevention Device	CS-WM2-MIP-AB	2610
3.9	WM2	Panel Door Interlock (Drawout)	CS-WM2-PDL-AB	3730
3.10	WM2 / WM3	Mechanical interlock for interlocking 2 ACBs (Drawout)	CS-WM2-MIL-HD	61380
3.11	WM2 / WM3	Mechanical interlock for interlocking 2 ACBs (Fixed)	CS-WM2-MIL-HF	47680
3.12	WM2 / WM3	Key Lock (1 Lock + 1 Key)	CS-WM2-AKI-AB	10490
3.13	WM2 / WM3	Key Lock (3 Lock + 2 Key)	CS-WM2-AKI-1-AB	10960
3.14	WM2 / WM3	Key Lock (2 Lock + 1 Key)	CS-WM2-AKI-2-AB	8370
3.15	WM2 / WM3	Mechanical operation counter	CS-WM2-ASC-ABC	4800
3.16	WM2 / WM3	Ready to close contact	CS-WM2-RTC-ABC	2610
3.17	WM2 / WM3	Phase Barrier - 3 Pole (Drawout) ACB	CS-WM2-PB-3P	3290
3.18	WM2 / WM3	Phase Barrier - 4 Pole (Drawout) ACB	CS-WM2-PB-4P	4620
3.21	WM2 / WM3	Panel Door Interlock (Fixed) ACB	CS-WM2-PDLF-AB	3450
3.22	WM2 / WM3	Phase Barrier- 3Pole (Fixed) ACB	CS-WM2-PBF-3P	3660
3.23	WM2 / WM3	Phase Barrier- 4Pole (Fixed) ACB	CS-WM2-PBF-4P	5190
3.24	WM2 / WM3	Position Indication Switch	CS-WM2-ALB-AB	7790
3.25	WM2 / WM3	Auxiliary Switch (6NO+6NC)	CS-WM2-AXH-6A6B	7400
3.26	WM2 / WM3	IP54 cover for Drawout ACB- Frame-1	CS-WM3-CVRIP54-FR1	18270
3.27	WM3	IP54 cover for Drawout ACB- Frame-2	CS-WM3-CVRIP54-FR2	23290
3.28	WM3	Panel Door Lock (Drawout) ACB	CS-WM3-DOOR-INT-DRAB	1600

* in (mm)

**Options for Coil Voltage

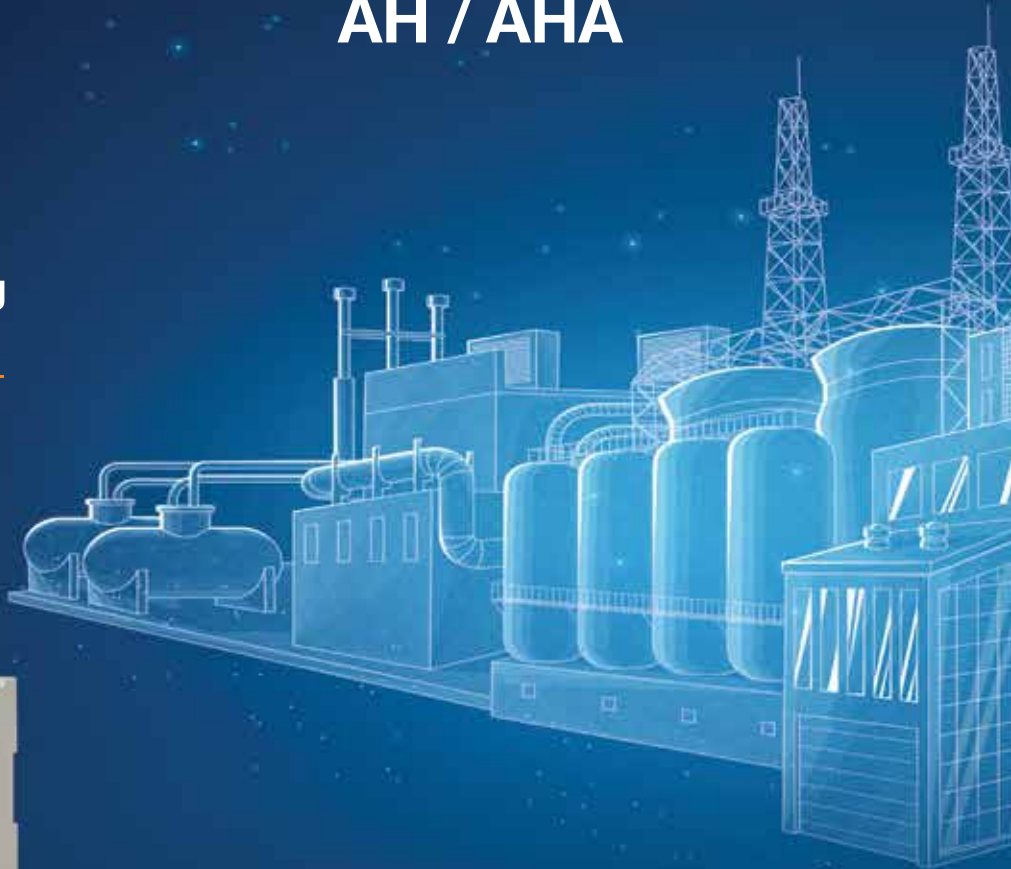
Description	AC Control Voltage			DC Control Voltage			
	110V	220-250V	380-440V	24V	48V	110V	220V
UVT	FA	MA	NA	-	-	FD	MD
Shunt & Closing Coil	100/130V AC/DC	220-250V AC/DC	380V AC	24V DC	28V DC		
	F	M	N	BD	ED		

NOTES: All configurable products are non stockable.



Air Circuit Breaker AH / AHA

Temperature Monitoring Protection



Extended Lifespan | Safety | Preventive Maintenance | Choice of Selection

INTELLIGENT RELEASE

The AH/ AHA series circuit breakers are robust circuit breakers complying to IEC 60947-2 & are equipped with unique 'Slow Close Operation of Contacts'. Equipped with smart features of advance Micropro*

Intelligent Protection Releases

- Power & Current Measurement
- Individual Fault Annunciation
- ZSI
- 100 Event Records
- Advance Protection
- SCADA Compatibility - RS485 Port
- Data Uploading to PC / Laptop through USB port





Air Circuit Breaker

Air Circuit Breaker AH / AHA

630A-6300A

(I) ACB with Intelligent Release MicroPro 3.1

Features:

- LSIG Protection
- True RMS Sensing
- Fault Indication

(For standard configuration, please refer AH / AHA ACB Order Form)



LT Air Circuit Breaker fitted with Intelligent Release MicroPro 3.1

Fixed 3 Pole [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MF	*EF
630	50kA	AHA06N3P*MP3.1(S)	202280	277020
800	50kA	AHA08N3P*MP3.1(S)	202280	277020
1000	50kA	AHA10N3P*MP3.1(S)	209290	286790
1250	50kA	AHA12N3P*MP3.1(S)	250890	338110
1600	50kA	AHA16N3P*MP3.1(S)	265300	340900
2000	50kA	AHA20N3P*MP3.1(S)	326680	443800
2500	50kA	AHA25N3P*MP3.1(S)	393500	478240
3200	65kA	AH30DCSMP3.1*(S)	589090	691120
4000	85kA	AH40DCSMP3.1*(S)	949090	1033800

Fixed 4 Pole [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MF	*EF
630	50kA	AHA06N4P*MP3.1(S)	252410	325550
800	50kA	AHA08N4P*MP3.1(S)	252410	325550
1000	50kA	AHA10N4P*MP3.1(S)	258560	335570
1250	50kA	AHA12N4P*MP3.1(S)	315150	396590
1600	50kA	AHA16N4P*MP3.1(S)	360400	430550
2000	50kA	AHA20N4P*MP3.1(S)	431830	545270
2500	50kA	AHA25N4P*MP3.1(S)	491630	592450
3200	65kA	AH30D4CSMP3.1*(S)	781610	874030
4000	85kA	AH40D4CSMP3.1*(S)	1131990	1293690

Drawout 3 Pole [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N3P*MP3.1(S)	306490	376260
800	50kA	AHA08N3P*MP3.1(S)	306490	376260
1000	50kA	AHA10N3P*MP3.1(S)	320910	390680
1250	50kA	AHA12N3P*MP3.1(S)	370790	430520
1600	50kA	AHA16N3P*MP3.1(S)	394040	484460
2000	50kA	AHA20N3P*MP3.1(S)	500580	575300
2500	50kA	AHA25N3P*MP3.1(S)	604680	679580
3200	65kA	AHA30S3P*MP3.1(S)	773110	848430
4000	65kA	AHA40S3P*MP3.1(S)	963630	1016680
4000	85kA	AH40DCSMP3.1*(S)	POR	POR
5000	85kA	AH50CCSMP3.1*(S)	POR	POR
6300	100kA	AH60CCSMP3.1*(S)	POR	POR

Drawout 4 Pole [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N4P*MP3.1(S)	396480	473830
800	50kA	AHA08N4P*MP3.1(S)	396480	473830
1000	50kA	AHA10N4P*MP3.1(S)	405320	490600
1250	50kA	AHA12N4P*MP3.1(S)	478170	523810
1600	50kA	AHA16N4P*MP3.1(S)	511790	580210
2000	50kA	AHA20N4P*MP3.1(S)	650250	706430
2500	50kA	AHA25N4P*MP3.1(S)	764160	825610
3200	65kA	AHA30S4P*MP3.1(S)	900440	1011260
4000	65kA	AHA40S4P*MP3.1(S)	1284380	1299750
4000	85kA	AH40D4CSMP3.1*(S)	POR	POR
5000	85kA	AH50C4CSMP3.1*(S)	POR	POR
6300	100kA	AH60C4CSMP3.1*(S)	POR	POR

NOTES: All configurable products are non stockable.



Air Circuit Breaker AH / AHA

630A-6300A

(III) ACB with Thermal Magnetic Release

(For standard configuration, please refer AH / AHA ACB Order Form)

LT Air Circuit Breaker fitted with Thermal Magnetic Release and Standard Accessories, as applicable.

Fixed 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MF	*EF
630	50kA	AHA06N3P*TM(S)	162620	226580
800	50kA	AHA08N3P*TM(S)	174250	251560
1000	50kA	AHA10N3P*TM(S)	177790	253060
1250	50kA	AHA12N3P*TM(S)	236780	307990
1600	50kA	AHA16N3P*TM(S)	245600	330570
2000	50kA	AHA20N3P*TM(S)	282080	393230
2500	50kA	AHA25N3P*TM(S)	316230	454750
3200	65kA	AH30DCSTM*(S)	529010	635750
4000	85kA	AH40DCSTM*(S)	819250	924610

Fixed 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MF	*EF
630	50kA	AHA06N4P*TM(S)	217730	280400
800	50kA	AHA08N4P*TM(S)	231040	294110
1000	50kA	AHA10N4P*TM(S)	235090	306940
1250	50kA	AHA12N4P*TM(S)	293900	370820
1600	50kA	AHA16N4P*TM(S)	318300	405790
2000	50kA	AHA20N4P*TM(S)	385770	470640
2500	50kA	AHA25N4P*TM(S)	455860	539760
3200	65kA	AH30D4CSTM*(S)	661610	758750
4000	85kA	AH40D4CSTM*(S)	970330	1125320

Drawout 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N3P*TM(S)	259630	335270
800	50kA	AHA08N3P*TM(S)	262450	345370
1000	50kA	AHA10N3P*TM(S)	269620	349720
1250	50kA	AHA12N3P*TM(S)	325230	394700
1600	50kA	AHA16N3P*TM(S)	375680	442840
2000	50kA	AHA20N3P*TM(S)	484930	556740
2500	50kA	AHA25N3P*TM(S)	536290	606450
3200	65kA	AHA30S3P*TM(S)	706420	882540
4000	65kA	AHA40S3P*TM(S)	935630	1140060
4000	85kA	AH40DCSTM*(S)	POR	POR

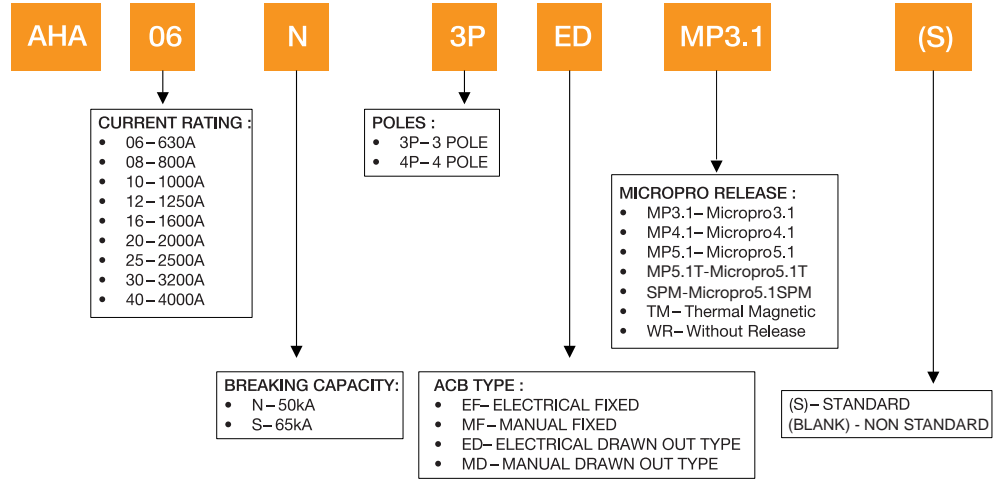
Drawout 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N4P*TM(S)	325940	414120
800	50kA	AHA08N4P*TM(S)	333040	429910
1000	50kA	AHA10N4P*TM(S)	344010	435260
1250	50kA	AHA12N4P*TM(S)	417240	485980
1600	50kA	AHA16N4P*TM(S)	458350	528100
2000	50kA	AHA20N4P*TM(S)	632260	670870
2500	50kA	AHA25N4P*TM(S)	687610	743560
3200	65kA	AHA30S4P*TM(S)	919790	998860
4000	65kA	AHA40S4P*TM(S)	1240420	1275070
4000	85kA	AH40D4CSTM*(S)	POR	POR

NOTES: All configurable products are non stockable.



Air Circuit Breaker

AHA ACB – ORDERING INFORMATION



Price & Reference changes as per the release modification	Ordering Code	MRP (₹)
MicroPro 4.1 (LSING, Display, Current Measurement, Trip History, Communication) add to the price of ACB with MP3.1	ADD	24810
MicroPro5.1 (LSING, Display, Current Measurement, Trip History, ZSI, Communication) add to the price of ACB with MP3.1	ADD	37290
MicroPro5.1 SPM (LSING, Display, Current Measurement, Trip History, ZSI, Communication, Power, Motor Protection) add to the price of ACB with MP3.1	ADD	53970
MicroPro5.1T (LSING, Display, Current Measurement, Trip History, ZSI, Temperature Sensing) add to the price of ACB with MP3.1	ADD	69330

NOTES:

- 1) In TP ACB if Earth Fault facility is required, add price of Neutral CTs from table no. 4.1 on page 20.
- 2) Drawout type ACB with vertical terminal (factory fitted only) is available in ratings 8D-16D/06N-20S (AHA)
- 3) Fixed type ACB with vertical terminal adapter option is available in rating 8D-16D/06N-20S (AHA).
- 4) All configurable products are non stockable.

For ordering ACB without Release following price needs to be reduced as per the rating from the price of ACB with Thermal Magnetic Release.	Remarks	MRP (₹)
630A-1600A	Reduce	8050
2000A	Reduce	10070
2500A-3200A	Reduce	13040
4000A	Reduce	15680

NOTES:

- In TP ACB if Earth Fault facility is required, add prices of Earth Fault Relay from item no. 2 on page 18 & item No. 4.2 on page 19
- Drawout type ACB with vertical terminal (factory fitted only) is available in ratings 6D-16D/08N-20S(AHA)



Air Circuit Breaker (B-Type)

630A-2000A

- Auxiliary Switch 1NO*
- Main CTs
- Shunt Trip

*Auxiliary Switch with other combination is also available. See item No. 6.1 & 6.2 only on page 20.

Manual Fixed, 3 Pole (with Thermal Magnetic Release) [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)
			MF
630	50kA	AH06BCSTM*(S)	151450
800	50kA	AH08BCSTM*(S)	152220
1000	50kA	AH10BCSTM*(S)	153580
1250	50kA	AH12BCSTM*(S)	173680
1600	50kA	AH16BCSTM*(S)	208880
2000	50kA	AH20BCSTM*(S)	229780

Manual Fixed, 3 Pole (with Intelligent Release MicroPro 3.1) [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)
			MF
630	50kA	AH06BCSMP3.1*(S)	160830
800	50kA	AH08BCSMP3.1*(S)	167460
1000	50kA	AH10BCSMP3.1*(S)	178590
1250	50kA	AH12BCSMP3.1*(S)	228950
1600	50kA	AH16BCSMP3.1*(S)	261330
2000	50kA	AH20BCSMP3.1*(S)	284960

1. Main Accessories-AH / AHA (Please specify ACB rating & type while placing order) [HSN Code: 8538]

Sl. No.	Description	Reference	MRP (₹)
1.0	Earth Fault Relay for 6D-60C / 06N-40S	CS-EFR	11080

2. Earth Fault Relay (for ACB with thermal release) [HSN Code: 8538]

Sl. No.	EFR with NCT and Wiring Bunch for 3P Breaker			EFR with Wiring Bunch for 4P Breaker	
	Description	Reference	MRP (₹)	Reference	MRP (₹)
2.1	06D/06N	CS-EFR-06D3P	13330	CS-EFR-06D4P	10630
2.2	08D/08N	CS-EFR-08D3P	13330	CS-EFR-08D4P	10630
2.3	10D/10N	CS-EFR-10D3P	13330	CS-EFR-10D4P	10630
2.4	12D/12N	CS-EFR-12D3P	13330	CS-EFR-12D4P	10630
2.5	16D/16N	CS-EFR-16D3P	13330	CS-EFR-16D4P	10630
2.6	20N/20S	CS-EFR-20N3P	13330	CS-EFR-20N4P	10630
2.7	20D	CS-EFR-20D3P	15510	CS-EFR-20D4P	11090
2.8	25D/25N	CS-EFR-25D3P	15510	CS-EFR-25D4P	11090
2.9	30S	CS-EFR-30S3P	15510	CS-EFR-30S4P	11090
2.10	30D	CS-EFR-30D3P	15510	CS-EFR-30D4P	12760
2.11	40S	CS-EFR-40S3P	15510	CS-EFR-40S4P	12760
2.12	40D	CS-EFR-40D3P	21120	CS-EFR-40D4P	12760
2.13	50C	CS-EFR-50C3P	POR	CS-EFR-50C4P	POR
2.14	60C	CS-EFR-60C3P	POR	CS-EFR-60C4P	POR

NOTES: All configurable products are non stockable.



Main Accessories For "AH/AHA" ACB

(Please specify ACB rating & type while placing orders)

[HSN Code: 8538]

3.1 Single Phase Resin Cast CTs for "AH/AHA" ACB for MicroPro 3.1, 4.1 & 5.1 Release

1CT per pole is required. In TP ACB, one additional CT will be required if, Ground Fault Protection is selected.

Sl. No.	Type	Description	Phase CT	Neutral CT	MRP (₹)
4.1.1	-	100/0.2A	CS-WMCT-014	CS-ATBWM-010	5280
4.1.2	-	200/0.2A	CS-WMCT-02	CS-ATBWM-02	5280
4.1.3	-	250/0.2A	CS-WMCT-024	CS-ATBWM-024	5280
4.1.4	-	300/0.2A	CS-WMCT-034	CS-ATBWM-030	5280
4.1.5	-	400/0.2A	CS-WMCT-044	CS-ATBWM-040	5280
4.1.6	6D / 06N	630/0.2A	CS-WMCT-064	CS-ATBWM-060	5280
4.1.7	8D/08N	800/0.2A	CS-WMCT-084	CS-ATBWM-080	5280
4.1.8	10D/10N	1000/0.2A	CS-WMCT-104	CS-ATBWM-110	5560
4.1.9	12D / 12N	1250/0.2A	CS-WMCT-124	CS-ATBWM-120	5560
4.1.10	16D / 16N	1600/0.2A	CS-WMCT-164	CS-ATBWM-160	5560
4.1.11	20N/20S	2000/0.2A	CS-WMCT-220	CS-ATBWM-220	7430
4.1.12	20D	2000/0.2A	CS-ATBWM-220	CS-ATBWM-220	7430
4.1.13	25D / 25N	2500/0.2A	CS-ATBWM-225	CS-ATBWM-225	7430
4.1.14	30S	3200/0.2A	CS-ATBWM-2532	CS-ATBWM-332	9270
4.1.15	30D	3200/0.2A	CS-ATBWM-332	CS-ATBWM-332	9270
4.1.16	40S / 40D	4000/0.2A	CS-ATBWM-440	CS-ATBWM-440	13270
4.1.17	50C	5000/0.2A	CS-ATBWM-550	CS-ATBWM-554	15770
4.1.18	60C	6300/0.2A	CS-ATBWM-660	CS-ATBWM-664	15770



3.2 Single Phase Resin Cast CTs for "AH/AHA" ACB for Thermal release

1 CT per pole is required. In TP ACB, one additional CT will be required if, Ground Fault Protection is selected.

Sl. No.	Type	Description	Phase CT	Neutral CT	MRP (₹)
4.2.1		100/5A	CS-ATB-014	CS-ATB-010	4910
4.2.2		200/5A	CS-ATB-020	CS-ATB-020N	4910
4.2.2	-	250/5A	CS-ATB-024	CS-ATB-020	4910
4.2.4		300/5A	CS-ATB-034	CS-ATB-030	4910
4.2.5	-	400/5A	CS-ATB-044	CS-ATB-040	4910
4.2.6	6D / 06N	630/5A	CS-ATB-064	CS-ATB-060	4910
4.2.7	8D/08N	800/5A	CS-ATB-084	CS-ATB-080	4910
4.2.8	10D/10N	1000/5A	CS-ATB-104	CS-ATB-110	5040
4.2.9	12D / 12N	1250/5A	CS-ATB-134	CS-ATB-120	5170
4.2.10	16D / 16N	1600/5A	CS-ATB-164	CS-ATB-160	5830
4.2.11	20N/20S	2000/5A	CS-ATB-220	CS-ATB-220	6610
4.2.12	20D	2000/5A	CS-ATB-220	CS-ATB-220	6610
4.2.13	25D / 25N	2500/5A	CS-ATB-225	CS-ATB-225	7430
4.2.14	30S	3200/5A	CS-ATB-2532	CS-ATB-332	8600
4.2.15	30D	3200/5A	CS-ATB-332	CS-ATB-332	8600
4.2.16	40S / 40D	4000/5A	CS-ATB-440	CS-ATB-440	12320
4.2.17	50C	5000/5A	CS-ATB-554	CS-ATB-550	15510
4.2.18	60C	5000/5A	CS-ATB-664	CS-ATB-660	15510



NOTES: All configurable products are non stockable.



Air Circuit Breaker

Main Accessories For "AH/AHA" ACB

(Please specify ACB rating & type while placing orders)

4. Auxiliary Switch

[HSN Code: 8538]

Sl. No.	Description	Reference	MRP (₹)	
4.1	5 way (3NO+2NC)	6D-16D/06N-20S	CS-AXH-3A2B-116	2590
		20D-40D/25N-40S	CS-AXH-3A2B-220	2590
4.2	10 way (5NO+5NC)	6D-16D/08N-20S	CS-AXH-5A5B-116	3910
		20D-40D/25N-40S / 50C-60C	CS-AXH-5A5B-220	3910
4.3	14 way (7NO+7NC)	6D-16D/06N-20S	CS-AXH-7A7B-116	6380
		20D-40D/25N-40S / 50C-60C	CS-AXH-7A7B-220	6380



5. UVT Device

[HSN Code: 8538]

Sl. No.	Description	Reference	MRP (₹)
5.1	Compact UVT Coil 6D-16D/06N-20S	CS-AUH-V-A-**	8940
5.2	20D-40D/25N-40S / 50C-60C	CS-AUH-V-B-**	8940



6. Shunt Trip and Closing Coil

[HSN Code: 8538]

Sl. No.	Description	Reference	MRP (₹)
6.1	Shunt Trip 6D-16D/06N-20S	CS-AVH-S-116-**	4970
	20D-40D/25N-40S/50C-60C	CS-AVH-S-220-**	4970
6.2	Closing Coil 6D-16D/06N-20S	CS-AVH-C-116-**	4970
	20D-40D/25N-40S/ 50C-60C	CS-AVH-C-220-**	4970



**Please specify voltage while ordering

**Options for Coils Voltage

Description	AC Control Voltage			DC Control Voltage			
	100~130V	220~250V	380~440V	24V	48V	100~130V	220~250V
UVT	FA	MA	NA	-	-	FD	MD
SHUNT	FA	MA	NA	BD	ED	FD	MD
Closing Coil	FA	MA	NA	BD	ED	FD	MD

[HSN Code: 8538]

Sl. No.	Description	Suitable for ACB frame size / rating			
		6D-16D / 06N-20S Reference	MRP (₹)	20D-40D/25S-40S / 50C-60C Reference	MRP (₹)
7	OCR (Fault) Alarm Switch (for fault indication in ACB with MP & TM release)	ALA-1	1500	ALA-2	1500
8	Trip Indication Switch (For both manual and Fault indication in ACB)	CS-TIS-1	1500	CS-TIS-2	1500
9	Spring Charged Indication Switch	SCIS-M	1970	SCIS-M2	1970
10	Position Indication Switch (Right side)	ALB-4P-1	4920	ALB-IP-2	4920
11	Position Indication Switch (Left side)	ALB-FR-1-L	4920	ALB-FR-2-L	4920
12	Mechanical operation counter	ASC-1	4550	ASC-2	4550
13	Key Lock (One lock + One key)	AKI-116D	3450	AKI-2D	3450
14	Castle Key Lock-3 Pole	CKI-116 (3P)	10590	CKI-220 (3P)	10590
	Castle Key Lock-4 Pole	CKI-116 (4P)	10590	CKI-220 (4P)	10590
15	Key Interlock (Consisting of 3-Key Locks with 2 Keys (same No.) fitted on 3 ACBs)	AKI-1-1	9410	AKI-1-2	9410
16	Key Interlock (Consisting of 2-Key Locks with 1 Key (same No.) fitted on 2 ACBs)	AKI-2-1	7210	AKI-2-2	7210
17	Mal Insertion Preventor	MIP-NPCIL	POR	MPI-2-NPCL	POR



NOTES: All configurable products are non stockable.



AH / AHA ACB Order Form

Please fill separate sheet for each type of ACB Tick the box in front of each appropriate item and fill in the blanks.

AH/AHA ACB ORDER FORM																								
Customer Name			Order No & Date			Delivery Date			End User/Panel Builder Name & Phone no.			Qty. (NOS.)												
PRODUCT REFERENCE		AH <input type="checkbox"/>		AHA <input type="checkbox"/>																				
RATING OF ACB REQUIRED	630A <input type="checkbox"/>		800A <input type="checkbox"/>		1000A <input type="checkbox"/>		1250A <input type="checkbox"/>		1600A <input type="checkbox"/>		2000A <input type="checkbox"/>													
	2500A <input type="checkbox"/>		3200A <input type="checkbox"/>		4000A <input type="checkbox"/>		5000A <input type="checkbox"/>		6300A <input type="checkbox"/>															
NO. OF POLES	3 POLE <input type="checkbox"/>			4 POLE <input type="checkbox"/>			BREAKING CAPACITY :																	
							AH : D		C		(Only for 50C & 60C)													
						AHA : N		S																
STANDARD CONFIGURATION	MF		EF		MDO		EDO																	
	Release		Release		Release		Release																	
	Power Supply Module (ac/dc)		Power Supply Module (ac/dc)		Power Supply Module (ac/dc)		Power Supply Module (ac/dc)																	
	Aux Switch 4NO + 4NC		Aux Switch 3NO + 4NC		Aux Switch 4NO + 4NC		Aux Switch 4NO + 4NC																	
	Main CTs		Main CTs		Main CTs		Main CT s																	
			Charging Motor		Safety shutter		Charging Motor																	
			Shunt Trip		36 Way Aux Isolating Contacts		Shunt Trip																	
			Closing Coil				Closing Coil																	
			Anti Pumping Relay				Anti Pumping Relay																	
							Safety shutter																	
							36 Way Aux Isolating Contacts																	
	MF		EF		MDO		EDO																	
	Thermal Magnetic Release		Thermal Magnetic Release		Thermal Magnetic Release		Thermal Magnetic Release																	
	Aux Switch 4NO + 4NC		Aux Switch 3NO + 4NC		Aux Switch 3NO + 3NC		Aux Switch 5NO + 6NC																	
	Main CTs		Charging Motor		Main CTs		Main CT s																	
	Shunt Trip		Main CTs		Shunt Trip		Safety shutter																	
			Shunt Trip		Safety shutter		Charging Motor																	
			Closing Coil		24 Way Aux Isolating Contacts		Closing Coil																	
			Anti Pumping Relay				Shunt Trip																	
							Anti Pumping Relay																	
						36 Way Aux Isolating Contacts																		
VOLTAGE RATING	Motor --->		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>110V</td><td>AC</td><td>DC</td></tr> <tr><td>220V</td><td>AC</td><td>DC</td></tr> </table>		110V	AC	DC	220V	AC	DC	Closing Coil -->		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>100-130V AC</td><td>220-250V AC</td><td>380-440V AC</td></tr> <tr><td>24V DC</td><td>48V DC</td><td>110V DC</td><td>220V DC</td></tr> </table>		100-130V AC	220-250V AC	380-440V AC	24V DC	48V DC	110V DC	220V DC			
	110V	AC	DC																					
220V	AC	DC																						
100-130V AC	220-250V AC	380-440V AC																						
24V DC	48V DC	110V DC	220V DC																					
UVT ----> (W/O time delay)		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>100-130V AC</td><td>220-250V AC</td><td>380-440V AC</td></tr> <tr><td>110V DC</td><td>220V DC</td><td></td></tr> </table>		100-130V AC	220-250V AC	380-440V AC	110V DC	220V DC		Shunt trip coil -->		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>100-130V AC</td><td>220-250V AC</td><td>380-440V AC</td></tr> <tr><td>24V DC</td><td>48V DC</td><td>110V DC</td><td>220V DC</td></tr> </table>		100-130V AC	220-250V AC	380-440V AC	24V DC	48V DC	110V DC	220V DC				
100-130V AC	220-250V AC	380-440V AC																						
110V DC	220V DC																							
100-130V AC	220-250V AC	380-440V AC																						
24V DC	48V DC	110V DC	220V DC																					
ACCESSORIES	Without Release <input type="checkbox"/>		CT Rating _____ A		Thermal Magnetic : Earth Fault : Req'd. <input type="checkbox"/> Not Req'd. <input type="checkbox"/> CT Rating <input type="checkbox"/> NCT Rating <input type="checkbox"/> Setting of non-adj. Mag. Inst. Trip _____																			
	Thermal Magnetic Release <input type="checkbox"/>		Overload _____ A																					
	MicroPro 3.1 <input type="checkbox"/>		Ground Fault _____ A																					
	MicroPro 4.1 <input type="checkbox"/>		Short Circuit _____ A																					
	MicroPro 5.1 <input type="checkbox"/>		Instantaneous _____ A																					
	MicroPro 5.1T <input type="checkbox"/>		Neutral _____ A																					
	MicroPro 5.1SPM <input type="checkbox"/>																							
	Communication Module* (Modbus Protocol) <input type="checkbox"/>																							
Special Requirements, If any	Trip Ind. Switch <input type="checkbox"/>		Spring charge Ind. Switch <input type="checkbox"/>		Castle Key Interlock** <input type="checkbox"/>																			
	Position Ind. Switch <input type="checkbox"/>		Mech. Operation Counter <input type="checkbox"/>		Key Interlock : 2 ACB <input type="checkbox"/> 3 ACB <input type="checkbox"/>																			
	Key Lock** <input type="checkbox"/>		Door Interlock <input type="checkbox"/>		Neutral CT <input type="checkbox"/>																			
	OCR Alaram Switch <input type="checkbox"/>		Mechanical Interlock : Hor. <input type="checkbox"/> Ver. <input type="checkbox"/>																					
NOTES:	(1) Neutral CT is required alongwith MicroPro Release having Ground-Fault Protection for 3P ACB, used for 3 phase 3 wire system. This has to be mounted on Earth / NeutralBusbar of Panel.																							
	(2) 220V AC Shunt/Closing.Coil/Motor is provided as standard.																							
	(3) Castle lock is not available for C-type Breaker.																							
	(4) For WR ACB, Aux contact shall be 4NO+4NC for MF and 3NO+4NC for EF &3NO + 3 NC for MDO and 5NO+6NC for EDO.																							
** (Breaker will be fitted either with Key lock or with Castle key interlock)																								
* (220V AC input is required)																								

NOTE: For thermal magnetic EDO ACB with EFR, Aux Contact shall be 4NO+6NC



**BUILT FOR
BIG POWER**

CSE2S ETM

Ui 750V	Uimp 6kV
Ue (V)	Icu
220 / 230	- 75kA
380 / 415	- 50kA
440 / 460	- 37kA
440 / 490	- 28kA
560 / 680	- 7kA
Ics = 100% Icu	

ISKEC 00547-2
50/60 Hz

Csl.A



PUSH TO TRIP

C&S Electric Ltd.
India

Winbreak1

250A

OFF





WiNbreak1 MCCB



- Conforms to IS/IEC 60947-2
- Ics=100% Icu, 75% Icu
- Range: 16A-630A, 3 & 4 Pole
- Breaking capacity: 10kA to 55kA Max.
- Positive Isolation
- Trip free mechanism
- Neutral with 100% rated current
- Bounce free contact structure
- Wide range of Internal & External Accessories
- SS Enclosure available
- Standard packing includes insulating phase barrier and hardware

FMU (Thermal Magnetic) Release • Adjustable Overload 80-100% • Fixed short circuit [HSN Code: 8536]

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 1	16, 20, 25, 32, 40, 50	25kA	CSE1M125FMU3P-*	12710	CSE1M125FMU4P-*	15930
	16, 20, 25, 32, 40, 50	36kA	CSE1NN125FMU3P-*	14340	CSE1NN125FMU4P-*	17480

ATM (Thermal Magnetic) Release • Adjustable Overload 80-100% • Adjustable Short Circuit 5-10 In

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)	
Frame 1	63, 80, 100	25kA	CSE1M125ATM3P-*	12810	CSE1M125ATM4P-*	16920	
	125		CSE1M125ATM3P-*	17550	CSE1M125ATM4P-*	19730	
	Frame 2		160	CSE2M250ATM3P-*	21350	CSE2M250ATM4P-*	25590
200			CSE2M250ATM3P-*	26960	CSE2M250ATM4P-*	30750	
Frame 3	250		CSE2M250ATM3P-*	31910	CSE2M250ATM4P-*	36290	
	320		CSE3M400ATM3P-*	42530	CSE3M400ATM4P-*	49690	
	350		CSE3M400ATM3P-*	42530	CSE3M400ATM4P-*	49690	
Frame 3	400		CSE3M400ATM3P-*	43170	CSE3M400ATM4P-*	52450	
	Frame 1		63, 80, 100	CSE1NN125ATM3P-*	15390	CSE1NN125ATM4P-*	19300
			125	CSE1NN125ATM3P-*	17980	CSE1NN125ATM4P-*	20980
Frame 2	160		CSE2NN250ATM3P-*	24720	CSE2NN250ATM4P-*	31410	
	200		CSE2NN250ATM3P-*	30020	CSE2NN250ATM4P-*	33810	
Frame 3	320	CSE3NN400ATM3P-*	42830	CSE3NN400ATM4P-*	50240		
	350	CSE3NN400ATM3P-*	42830	CSE3NN400ATM4P-*	50240		
	400	CSE3NN400ATM3P-*	43390	CSE3NN400ATM4P-*	53020		
Frame 4	500	CSE4NN630ATM3P-*	52890	CSE4NN630ATM4P-*	66330		
	630	CSE4NN630ATM3P-*	52890	CSE4NN630ATM4P-*	66330		
Frame 1	63, 80, 100	50kA	CSE1S125ATM3P-*	19110	CSE1S125ATM4P-*	23180	
	125		CSE1S125ATM3P-*	22400	CSE1S125ATM4P-*	28030	
Frame 2	160		CSE2S250ATM3P-*	29590	CSE2S250ATM4P-*	37930	
	200		CSE2S250ATM3P-*	33500	CSE2S250ATM4P-*	40740	
	250		#CSE2SX250ATM3P-*	34240	#CSE2SX250ATM4P-*	42380	
Frame 2	250		CSE2S250ATM3P-*	35850	CSE2S250ATM4P-*	44510	
	320		CSE3S400ATM3P-*	47950	CSE3S400ATM4P-*	55400	
	350		CSE3S400ATM3P-*	47950	CSE3S400ATM4P-*	55400	
Frame 3	400		CSE3S400ATM3P-*	49870	CSE3S400ATM4P-*	57140	
	500		CSE4S630ATM3P-*	65880	CSE4S630ATM4P-*	80950	
	630		CSE4S630ATM3P-*	65880	CSE4S630ATM4P-*	80950	

- NOTES :**
1. #Icu 50kA(Ics=75% Icu)
 2. While Ordering, Replace*** by Current Rating, followed by 'A' eg., 350A
 3. For spreader terminals reference code & MRP, please refer page no. 29
 4. For 55kA MCCB & 2 Pole version MCCB please contact to nearest Branch Office.

WiNbreak1 MCCB

Microprocessor Release 'MicroPro WB'



- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 40A-630A, 3P & 4P
- Breaking capacity: 36kA-55kA
- Communication*
- Trip History
- LCD: Indication of measurement and information
- Suitable for isolation
- Adjustable over load from 0.4-1.0In
- Adjustable short circuit from 2-12I_r*
- Inbuilt ground fault protection available 20% to 100% of In
- Adjustable neutral overload protection available: 50% to 100% of I_r
- Adjustable current imbalance protection available: (30%-70%) of I_r
- Provision of thermal memory: ON/OFF
- View last trip information

ETM (with in-built Earth fault Protection) • Adjustable Overload 40 - 100% [HSN Code: 8536]
• Adjustable shortcircuit 2-12 Ir

Size	Release Range (A)	Breaking Capacity Icu at 415V AC	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 1	16-40	36kA	CSE1NN125ETM3P-40A	29130	CSE1NN125ETM4P-40A	34240
	25-63		CSE1NN125ETM3P-63A	29130	CSE1NN125ETM4P-63A	34240
	40-100		CSE1NN125ETM3P-100A	30870	CSE1NN125ETM4P-100A	35950
	50-125		CSE1NN125ETM3P-125A	31880	CSE1NN125ETM4P-125A	39200
Frame 2	63-160		CSE2NN250ETM3P-160A	36590	CSE2NN250ETM4P-160A	43070
	80-200		CSE2NN250ETM3P-200A	43450	CSE2NN250ETM4P-200A	53490
Frame 3	160-400		CSE3NN400ETM3P-400A	67550	CSE3NN400ETM4P-400A	84270
Frame 4	250-630		CSE4NN630ETM3P-630A	72620	CSE4NN630ETM4P-630A	91970

ETM (with in-built Earth fault Protection) • Adjustable Overload 40-100% [HSN Code: 8536]
• Adjustable short circuit 2-12 Ir • Ics=100%Icu

Size	Release Range (A)	Breaking Capacity Icu at 415V AC	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 1	16-40	50kA	CSE1S125ETM3P-40A	32240	CSE1S125ETM4P-40A	35990
	25-63		CSE1S125ETM3P-63A	32240	CSE1S125ETM4P-63A	35990
	40-100		CSE1S125ETM3P-100A	32240	CSE1S125ETM4P-100A	35990
	50-125		CSE1S125ETM3P-125A	33000	CSE1S125ETM4P-125A	43350
Frame 2	63-160		CSE2S250ETM3P-160A	41070	CSE2S250ETM4P-160A	51440
	80-200		CSE2S250ETM3P-200A	44060	CSE2S250ETM4P-200A	54330
	100-250		CSE2S250ETM3P-250A	44240	CSE2S250ETM4P-250A	65210
	100-250		#CSE2SX250ETM3P-250A	44730	#CSE2SX250ETM4P-250A	57120
Frame 3	160-400	CSE3S400ETM3P-400A	70870	CSE3S400ETM4P-400A	90530	
Frame 4	250-630	CSE4S630ETM3P-630A	84880	CSE4S630ETM4P-630A	111500	

- NOTE:**
1. #Icu 50kA(Ics=75% Icu)
 2. While ordering, Replace "*" with Current rating
 3. For spreader terminals reference code & MRP, please refer page no. 29
 4. For 3 Pole ETM (Microprocessor) MCCB one Neutral CT will be required, if ground fault protection is required. For reference & price please refer page 30.
 5. *For Communication Module & 55kA MCCB details please contact nearest Branch Office.
 6. For Frame 4 MCCB adjustable short circuit from 2-10Ir



WiNbreak1 MCCB - Frame 'S'



- Conforms to IS/IEC 60947-2
- Ics=100%Icu (for 10kA & 18kA), 75% & 50% for 10kA, 75% for 25kA
- Range: 16A-125A
- Breaking Capacity: 10kA, 18kA & 25kA
- Compact Size
- Trip free mechanism
- Precise settings
- Termination possibility for unprepared cables
- Flexibility for installation as Horizontal / Vertical
- Standard packing includes insulating phase barrier and hardware

FMU (Thermal Magnetic) Release • Adjustable Overload 80-100% [HSN Code: 8536]
• Fixed short circuit 10In*

Size	Rating Range (A)	Breaking Capacity Icu at 415V AC	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 'S'	16, 20, 25, 32, 40, 50	10kA	CSESK125FMU3P-*A	4720	CSESK125FMU4P-*A	5590
	63, 80, 100A		CSESK125FMU3P-*A	5700	CSESK125FMU4P-*A	7950
	125A		CSESK125FMU3P-*A	6220	CSESK125FMU4P-*A	8290
	16, 20, 25, 32, 40, 50	18kA	CSESL125FMU3P-*A	7690	CSESL125FMU4P-*A	10680
	63, 80, 100A		CSESL125FMU3P-*A	7900	CSESL125FMU4P-*A	10910
	125A		CSESL125FMU3P-*A	8460	CSESL125FMU4P-*A	11940
	16, 20, 25, 32, 40, 50	25kA*	CSESMX125FMU3P-*A	8350	CSESMX125FMU4P-*A	10880
	63, 80, 100A		CSESMX125FMU3P-*A	8690	CSESMX125FMU4P-*A	11420
	125A		CSESMX125FMU3P-*A	9110	CSESMX125FMU4P-*A	11980

- NOTES :**
1. While Ordering, Replace "*" by Current Rating.
 2. * Ics=75%Icu
 3. For accessories please refer page No. 29
 4. Frame 'S' MCCB with box type terminal is also available on request.
 5. *From 63-125A

Single Pole MCCB



- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 16A-125A
- Breaking capacity: 10kA
- Standard packing does not includes Spreader terminals

FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit [HSN Code: 8536]

Size	Rating (A)	Breaking Capacity Icu at 240V AC	Reference	MRP (₹)
Frame 1	16, 20, 25, 32, 40	10kA	CSESK125FTM1P-16A	2000
			CSESK125FTM1P-20A	2000
			CSESK125FTM1P-25A	2000
			CSESK125FTM1P-32A	2000
			CSESK125FTM1P-40A	2000
	50, 63, 80, 100, 125		CSESK125FTM1P-50A	2210
			CSESK125FTM1P-63A	2210
			CSESK125FTM1P-80A	2210
			CSESK125FTM1P-100A	2210
			CSESK125FTM1P-125A	2210

WiNbreak1 MCCB

MCCB for Motor Protection

- Conforms to IS/IEC 60947-2
- Ics=100% Icu
- Range 20A~630A
- Breaking Capacity -50kA
- Upto 50A-Fixed Magnetic setting - Upto 17In
- Adjustable Magnetic setting 6~12In for rating above 50A
- Positive Isolation
- Trip Free mechanism
- Standard packing includes phase barriers and hardware

FMTU (Fixed Magnetic) Release • MTU (Adjustable Magnetic) Release

[HSN Code: 8536]

• Adjustable short circuit upto 6~12In

Size	Breaking Capacity Icu at 415V AC	Rating (A)	3 Pole - Reference	MRP (₹)
Frame-1	50kA	20	CSE1S125FMTU3P-20A	13350
		32	CSE1S125FMTU3P-32A	13350
		50	CSE1S125FMTU3P-50A	13350
		63	CSE1S125MTU3P-63A	13590
		100	CSE1S125MTU3P-100A	13590
		125	CSE1S125MTU3P-125A	15250
Frame-2	50kA	160	CSE2S250MTU3P-160A	23610
		200	CSE2S250MTU3P-200A	30600
		220	CSE2S250MTU3P-220A	38050
		250	CSE2S250MTU3P-250A	38050
Frame-3	50kA	320	CSE3S400MTU3P-320A	50200
		350	CSE3S400MTU3P-350A	50200
		400	CSE3S400MTU3P-400A	50200
Frame-4	50kA	500	CSE4S630MTU3P-500A	51280
		630	CSE4S630MTU3P-630A	51280

ACCESSORIES - Suitable for use on WB1 MCCBs

[HSN Code: 8538]

MCCB	Shunt Trip (SHT)	MRP (₹)	Under Voltage Trip (UVT)	MRP (₹)	Auxiliary Switch (AX)	MRP (₹)	Alarm Switch (AL)	MRP (₹)	Combination Switch (AX+AL)	MRP (₹)
CSES	STW1-S (...V)	1950	-	-	AXWS-L	1470	ALWS-L	1640	XLWS-L	2860
CSE1	STW1-(...V)	3310	UVTW1-(...V)	5680	AXW1-*	1710	ALW1-*	1790	XLW1-*	4160
CSE2							2170	1790	XLW1-2*	4160
CSE3/CSE4	STW1-3(...V)	4910	UVTW1-3(...V)	6650	AXW1-3*	2170	ALW1-3*	2270	XLW1-3*	4990

NOTE:

1. Please replace "*" with L as MCCB Left hand side position & R as MCCB right hand position
2. Maximum Possibilities for Internal Accessories
 - a) 3 Pole, MCCB with Thermal Release, Any two accessories can be fitted at one time
 - b) 4 Pole, MCCB with Thermal Release, Any Three accessories can be fitted at one time
 - c) 3 Pole, MCCB with Microprocessor Release, Right hand seat is not available. Hence, one accessory can be fitted at one time
 - d) 4 Pole, MCCB with Microprocessor Release, Any two accessories can be fitted at one time; Right hand seat is not available
 - e) Alarm & combination switch can be fitted in left hand seat only on CSE3-4P Microprocessor Release MCCB
 - f) UVT can be fitted only in left hand seat
 - g) 3 & 4 Pole, CSES MCCB can have Shunt trip fitment only in Right Side pocket
3. For UVT of CSES Frame, please contact to nearest Branch Office
4. Please Replace (...) with voltage rating
5. For 24V & 48V Shunt, please contact to nearest Branch Office

Voltage Selection UVT & Shunt

Size	AC	DC	AC / DC Common
UVT			
CSE1/CSE2	220V, 415V	24V, 48V, 110V, 220V	-
CSE3/CSE4	220V, 415V		220V
Shunt			
CSES	110V, 220V, 415V	110V, 220V	-
CSE1/CSE2	220V, 415V		-
CSE3/CSE4	220V, 415V		24V, 48V, 110V



Winbreak1 MCCB



Extended Rotary Handle [HSN Code: 8538]

Suitable for use on WB1 MCCBs	Reference	MRP (₹)
CSES	EHW1-0T-125	3210
CSE1	EHW1-125	3580
CSE2	EHW1-250	4200
CSE3 / CSE4	EHW1-400-630	5030



Panel Door Mounted Key Lock for Extended Rotary Handle [HSN Code: 8538]

Suitable for use on WB1 MCCBs	Reference Code	MRP (₹)
CSE1	EXTKLWB1-125AF-T1	POR
CSE2	EXTKLWB1-250AF-T1	
CSE3 / CSE4	EXTKLWB1-400AF-T1	



Mechanical Interlock [HSN Code: 8538]

Suitable for use on WB1 MCCBs	Applied between two MCCBs			
	Reference 3 Pole	MRP (₹)	Reference 4 Pole	MRP (₹)
CSE1	MIW1-125-3P	3960	MIW1-125-4P	4910
CSE2	MIW1-250-3P	4310	MIW1-250-4P	5100

Note: For CSE3/CSE4 mechanical interlock, please contact with nearest Branch Office.



Locking Devices* [HSN Code: 8538]

Suitable for use on MCCBs	Key Lock*				Padlocking	
	3P Reference	MRP (₹)	4P Reference	MRP (₹)	Reference	MRP (₹)
CSE1	KLW1-125	2170	KLW1-125-4P	2380	PLW1-125	2320
CSE2	KLW1-250	2360	KLW1-250-4P	2520	PLW1-250	2570
CSE3 / CSE4	-	-	-	-	PLW1-400	4410

* Factory fitted only



Spreader Terminals for WB1 MCCB [HSN Code: 8538]

Suitable for use on MCCBs	Current Rating (A)	Reference	MRP (₹)	MOQ
CSES	3 Pole	CSET0033	300	Set of 3
	4 Pole		CSET0044	450
CSE1	3 Pole	CSET1033	300	Set of 3
CSE1	3 Pole	CSET1033C	440	Set of 3
CSE1	4 Pole	CSET1044	500	Set of 4
CSE1	4 Pole	CSET1044C	630	Set of 4
CSE2	3 Pole	CSET2033	740	Set of 3
CSE2	3 Pole	CSET2503-ST	1200	Set of 3
CSE2	4 Pole	CSET2044	1100	Set of 4
CSE2	4 Pole	CSET2504-ST	1300	Set of 4
CSE3	3 Pole	CSET3033	2270	Set of 3
CSE3	4 Pole	CSET3044	3130	Set of 4
CSE4	3 Pole	CSET4033-WB1	5960	Set of 3
CSE4	4 Pole	CSET4044-WB1	8110	Set of 4

SS Enclosure for WB1 MCCB [HSN Code: 8538]



Size	Suitable for WB1 MCCBs	Reference	MRP (₹)
FrameS	CSES	CSE-ENCL-125S-3P	2910
	CSES	CSE-ENCL-125S-4P	2910
Frame1	CSE1	CSE-ENCL-125-3P	3100
	CSE1	CSE-ENCL-125-4P	3100
Frame2	CSE2	CSE-ENCL-250-3P	5360
	CSE2	CSE-ENCL-250-4P	5360

NOTES:

- Reference Code is for Enclosure only (without MCCB)
- For Placing an order for MCCB along with Enclosure, please apply prefix E-before MCCB Reference Code. For Price, please contact nearest Branch Office.

Winbreak1 MCCB

Motor Operator for WB1		[HSN Code: 8538]
Description	Reference	MRP (₹)
CSE1MOP24VDC	Motor Operator For Winbreak1 (CSE1 24V DC)	37320
CSE1MOP110VAC/DC	Motor Operator For Winbreak1 (CSE1 110V AC/DC)	37320
CSE1MOP220VAC/DC	Motor Operator For Winbreak1 (CSE1 220V AC/DC)	37320
CSE1MOP400VAC	Motor Operator For Winbreak1 (CSE1 400V AC)	37320
CSE2MOP24VDC	Motor Operator For Winbreak1 (CSE2 24V DC)	41780
CSE2MOP110VAC/DC	Motor Operator For Winbreak1 (CSE2 110V AC/DC)	41780
CSE2MOP220VAC/DC	Motor Operator For Winbreak1 (CSE2 220V AC/DC)	41780
CSE2MOP400VAC	Motor Operator For Winbreak1 (CSE2 400V AC)	41780
CSE3/4MOP24VDC	Motor Operator For Winbreak1 (CSE3/4 24V DC)	61940
CSE3/4MOP110VAC/DC	Motor Operator For Winbreak1 (CSE3/4 110V AC/DC)	61940
CSE3/4MOP220VAC/DC	Motor Operator For Winbreak1 (CSE3/4 220V AC/DC)	61940
CSE3/4MOP400VAC	Motor Operator For Winbreak1 (CSE3/4 400V AC)	61940

Earth Fault Relay (with CBCT) Suitable for 3 Phase 3 wire distribution network		[HSN Code: 8538]	
Rating (Amps)	Earth Fault Relay Setting Range	Reference	MRP (₹)
32A	3.2-32A	EFR-CBCT125-AF-32	9620
40A	4-40A	EFR-CBCT125-AF-40	9620
63A	6.3-63A	EFR-CBCT125-AF-63	9620
80A	8-80A	EFR-CBCT125-AF-80	9620
100A	10-100A	EFR-CBCT125-AF-100	9620
125A	12.5-125A	EFR-CBCT125-AF-125	10240
200A	20-200A	EFR-CBCT250-AF-200	10240
250A	25-250A	EFR-CBCT250-AF-250	11450
400A	40-400A	EFR-CBCT400-AF-400	11450
630A	63-630A	EFR-CBCT630-AF-630	13260
800A	80-800A	EFR-CBCT800-AF-800	13260
1000A	100-1000A	EFR-CBCT1250-AF-1000	20460
1250A	125-1250A	EFR-CBCT1250-AF-1250	20460



Earth Fault Relay (with NCT) Suitable for 3 Phase 4 wire distribution network			
40A	4-40A	EFR125-AF-40(N)	8910
100A	10-100A	EFR125-AF-100(N)	8910
125A	12.5-125A	EFR125-AF-125(N)	9470
200A	20-200A	EFR250-AF-200	9470
250A	25-250A	EFR250-AF-250	10560
400A	40-400A	EFR400-AF-400	10560
630A	63-630A	EFR630-AF-630	12160
800A	80-800A	EFR800-AF-800	12160
1000A	100-1000A	EFR1250-AF-1000	20060
1250A	125-1250A	EFR1250-AF-1250	20060

NCT Winbreak1 ETM (Microprocessor) 3 Pole MCCB if ground fault facility is required			
40	40/0.1A	ETMNCT40A	2940
63	63/0.1A	ETMNCT63A	2940
80	80/0.1A	ETMNCT80A	2940
100	100/0.1A	ETMNCT100A	2940
125	125/0.1A	ETMNCT125A	2940
160	160/0.1A	ETMNCT160A	4110
200	200/0.1A	ETMNCT200A	4110
250	250/0.1A	ETMNCT250A	4110
400	400/0.1A	ETMNCT400A	5620
630	630/0.1A	ETMNCT630A	POR

C&S Electric offers innovative, intelligent, integrated and intuitive solution



- Conforms to IS/IEC 60947-2
- $I_{cs} = 100\% I_{cu}$
- $I_{cw} = 25kA / 1s$
- Range: 800A to 1600A, 3P & 4P
- Breaking Capacity: 50kA, 70kA & 150kA
- $U_i: 1000V$
- $U_{imp}: 8kV$

N Type (Normal)





WiNbreak2 MCCB (1600AF)

Features:

- LSI Protection
- Thermal Memory
- Current, Voltage, Power, Energy, Frequency measurement
- Trip History
- Digital Display
- Fault recording
- Event Recording
- Communication
- Harmonics
- True RMS Sensing
- ZSI
- IDMTL Setting
- Self Power
- LED for Tripping Information
- RTC Timer
- Pre Trip Alarm

MCCB with Intelligent Release - N Type [HSN Code: 8536]

Size	Release Range (A)	Breaking Capacity @ 415VAC	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 5	400-800	50kA	CS1000NNG5800A3P	POR	CS1000NNG5800A4P	POR
	500-1000		CS1000NNG51000A3P		CS1000NNG51000A4P	
	625-1250		CS1250NNG51250A3P		CS1250NNG51250A4P	
	800-1600		CS1600NNG51600A3P		CS1600NNG51600A4P	
	400-800	70kA	CS1000HNG5800A3P	POR	CS1000HNG5800A4P	POR
	500-1000		CS1000HNG51000A3P		CS1000HNG51000A4P	
	625-1250		CS1250HNG51250A3P		CS1250HNG51250A4P	
	800-1600		CS1600HNG51600A3P		CS1600HNG51600A4P	

Internal Accessories [HSN Code: 8538]

WB2 MCCBs	Shunt Trip (SHT)	MRP (₹)	Under Voltage Trip (UVT)	MRP (₹)	Auxiliary Switch (AX)	MRP (₹)	Alarm Switch (AL)	MRP (₹)	Fault Alarm Switch (FAL)*	MRP (₹)
CS1000-1600	SHT5-T(..V)	POR	UVT5-T(..V)	POR	AX5-T	POR	AL5-T	POR	FAL5-T	POR

Voltage Selection UVT & Shunt

Size	AC	DC	AC / DC Common
UVT			
Frame 5	48V, 380-480V	24-30V, 48-60V	100-130V, 200-250V
Shunt			
Frame 5	48V, 380-480V	24-30V, 48-60V	100-130V, 200-250V

WB2 MCCBs	Direct Rotary Handle	MRP (₹)	Direct Rotary Handle with Keylock	MRP (₹)	Extended Rotary Handle	MRP (₹)
CS1000-1600	DH5-S	POR	DHK5-S	POR	EH5-S	POR

Mechanical Interlock [HSN Code: 8538]

WB2 MCCBs	Applied between two MCCBs			
	3 Pole		4 Pole	
	Reference	MRP (₹)	Reference	MRP (₹)
CS1000-1600	MIT53	POR	MIT54	POR

Padlocking Device [HSN Code: 8538]

WB2 MCCBs	Fixed Lock		Removable Lock	
	Reference	MRP (₹)	Reference	MRP (₹)
CS1000-1600	PHL5	POR	PL5	POR

NOTE : Above mentioned products are non stockable.



WiNbreak2 MCCB

Features:

- Conforms to IS/IEC 60947-2
- Ics = 100% Icu
- Range: 16A-1600A, 3P & 4P*
- Breaking capacity: 50kA, 65kA, 70kA, 85kA & 150kA*
- Positive Isolation
- Trip Free Mechanism
- Double contact structure
- Communication compatible
- No Line-load Bias
- Neutral with 100% rated current
- Tripping by pressure
- Current limiting
- Manual, Rotary or Motorized available
- Wide range of internal & external accessories
- Standard packing includes spreaders terminals, insulating phase barriers and hardware



FMU (Thermal Magnetic) Release • Adjustable Overload 80-100% [HSN Code: 8536]
• Fixed short circuit 10 In

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 4	800	65kA	CS800NFMU*3P	112500	CS800NFMU*4P	150540

ATU (Thermal Magnetic) Release • Adjustable Overload 80 - 100% [HSN Code: 8536]
• Adjustable Short circuit 5 - 10 In

Frame 4	800	65kA	CS800NATU*3P	126220	CS800NATU*4P	156500
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ETS (Microprocessor based) Release • Adjustable Overload 40 - 100% [HSN Code: 8536]
• Adjustable shortcircuit 1.5 - 10 In

Frame 4	800	65kA	CS800NETS*3P	145240	CS800NETS*4P	185310
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ATU - *Rated Current (Amp) 300, 500 for 3 Pole & 4 Pole are non stockable items.

ETM (Microprocessor Release with in-built Earth fault Protection) [HSN Code: 8536]
• Adjustable Overload 40 - 100% • Adjustable shortcircuit 1.5 - 10 In

Frame 4	800	65kA	CS800NE M43800A3PE	238460	CS800NETM43800A4PE	278690
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NOTE :

1. While ordering replace *** by Current Rating
2. Spreader Terminals are not included MCCBs upto 63A
3. For 3 Pole ETM (Microprocessor) MCCB one Neutral CT will be required, if ground fault protection is required, for reference & MRP Please refer page 34.
4. MCCB with Ammeter, ZSI & communication feature is also available. For reference & MRP contact nearest Branch Office.
5. MCCB for Motor Backup Protection is also available. For prices contact nearest Branch Office.
6. *For other ratings contact nearest Branch Office.

Accessories [HSN Code: 8536]

Suitable for use on WB2 MCCBs	Shunt Trip (SHT)	MRP (₹)	Under Voltage Trip (UVT)	MRP (₹)	Auxiliary Switch (AX)	MRP (₹)	Alarm Switch (AL)	MRP (₹)	Fault Alarm Switch (FAL)*	MRP (₹)
CS800	ST-T(..V)	5760	UVT-T(..V)	9360	AX-T	2730	AL-T	2960	FAL-T	POR

NOTE :

1. FAL (Fault Alarm Switch)* It can be applied to only circuit breakers with electronic trip units
2. Maximum Possibilities for Internal Accessories

Voltage Selection UVT & Shunt

Size	AC	DC	AC / DC Common
UVT			
Frame 4	380~440V, 440~480V	-	24V, 48V, 110~130V, 200~240VAC/ 250VDC
Shunt			
Frame4	380~500V	12V	24V, 48V, 110~130V, 200~240VAC / 250VDC



	Accessory	CS800
Left	AX	3
	AL	-
	SHT / UVT	1
Right	AX	-
	AL	2
	FAL	1

WiNbreak2 MCCB



Rotary Handle [HSN Code: 8538]

Suitable for use on WB2 MCCBs	Direct Rotary Handle	MRP (₹)	Direct Rotary Handle with Keylock	MRP (₹)	Extended Rotary Handle	MRP (₹)
CS800	<input checked="" type="checkbox"/> DH4-S	8320	<input checked="" type="checkbox"/> DHK4-S	9850	EH4-S	POR



Mechanical Interlock (Used to prevent mechanically closing together) [HSN Code: 8538]

Suitable for use on WB2 MCCBs	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
CS800	MIT43	22430	MIT44	22900



Motor Operator - For remote "ON/OFF" operation only [HSN Code: 8538]

Suitable for MCCB Type	Control Voltage	Reference	MRP (₹)
CS800	<input checked="" type="checkbox"/> 24V DC	MOP4(..V)	98420
	<input checked="" type="checkbox"/> AC110V/DC110V		
	AC230V/DC220V		

*Replace (...V) by require voltage.



Padlocking Device [HSN Code: 8538]

Suitable for use on WB2 MCCBs	Fixed Lock		Removable Lock	
	Reference	MRP (₹)	Reference	MRP (₹)
CS800	<input checked="" type="checkbox"/> PHL 4	4980	<input checked="" type="checkbox"/> PL 4	2650

NCT for WiNbreak2 ETM-Microprocessor (3 Pole MCCB if ground fault facility is required) [HSN Code: 8538]

Description	Reference	MRP (₹)
800/0.1A	NCT-WB2-080	14160

non stockable items.



WiNbreak MCCB - CSC Series

- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 15A-1200A, 2, 3 & 4 Pole*
- Breaking capacity: 18kA, 26kA, 37kA, 50kA, 65kA & 85kA*
- Positive Isolation
- Trip free mechanism
- Wide range of Internal & External Accessories
- SS Enclosure available
- Standard packing includes insulating phase barriers and hardware



FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit [HSN Code: 8536]

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	2 Pole Reference	MRP (₹)	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 5	700, 800	37kA	-	-	CSC6N3*	95190	☒CSC6N4*	113650
Frame 5	700, 800	65kA	-	-	CSC6S3*	103130	CSC6S4*	130540
Frame 5	700, 800	85kA	-	-	CSC6L3*	219560	CSC6L4*	246990

FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit • Ics=50%Icu [HSN Code: 8536]

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	2 Pole Reference	MRP (₹)	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 6	1000◆	65kA	-	-	CSC7S3*	261150	☒CSC7S4*	326910
	1200◆		-	-	CSC8S3*	277610	CSC8S4*	331150
Frame 6	1000◆	85kA	-	-	CSC7L3*	333700	CSC7L4*	399810
	1200◆		-	-	CSC8L3*	388260	CSC8L4*	467290

- NOTES :**
1. While Ordering, Replace "*" by Current rating.
 2. ◆Spreader Terminals are included as standard packing.
 3. # For other ratings contact to nearest Branch Office.



Accessories [HSN Code: 8538]

Suitable for use on WB-CSC MCCBs	Shunt Trip (SHT)	MRP (₹)	Under Voltage Trip (UVT)	MRP (₹)	Auxiliary Switch (AX)	MRP (₹)	Alarm Switch (AL)	MRP (₹)
CSC7, CSC8	ST-7A(...V)	18860	UVT-7A(...V)	18860	ASW-7A	6680	ALSW-7A	6390



Rotary Handle [HSN Code: 8538]

Suitable for use on WB-CSC MCCBs	Extended Rotary Handle	MRP (₹)
CSC6	E80U	10390

- NOTES:**
1. Please replace "*" with R as MCCB left hand side position & T as MCCB right hand position.
 2. Left Hand seat is not available in 2 Pole MCCB in Frame 1 & Frame 2
 3. Rotary Handle for 2 Pole Frame 1 & Frame 2 is not available.



Spreader Terminals [HSN Code: 8538]

Suitable for use on MCCBs	Pole	Current Rating (A)	Reference	MRP (₹)	MOQ
CSC6	3 Pole	700, 800	CSET8033	5230	Set of 3
CSC6	4 Pole	700, 800	CSET8044	6370	Set of 4

SS Enclosure for WB MCCB

Size	Suitable for use on MCCBs	3 Pole Reference*	4 Pole Reference*	MRP (₹)
Frame 6	CSC7, CSC8	☒CS-CNM0100204	-	16700

- NOTES:**
- 1) *Reference code is for Enclosure only (without MCCB)
 - 2) For placing an order for MCCB along with Enclosure, please apply Prefix E- before MCCB Reference Code. For Price please contact nearest Branch Office.



Switch Disconnectors at a Glance

Non Modular Range



D Type



K Type



NM Type



DM Type



K Type



P Type

Modular Range



Switch Disconnecter Fuse Unit

Switch Disconnecter Fuse Unit (without Fuse Links)

- Conforms to IS/IEC 60947-3
- Range: 32-800A, 415V AC 50Hz
- Door Interlock and Padlock facility
- Version: 2P / TP / TPN / 4P
- Modular Construction
- Positive Isolation
- Suitable for DIN & Bolted HRC Fuse Links



[HSN Code: 8537]

Size	Rating Amps	Pole	CSSDF in Open Execution				CSSDF in Sheet Steel Enclosure				Recommended Fuse Links Type (IEC Size)	
			Reference	MRP (₹)	Reference	MRP (₹)	Reference	MRP (₹)	Reference	MRP (₹)	DIN	BS
			DIN		BS		DIN		BS			
Frame 1	32A	2P	CSSDF32D2	3420	CSSDF32B2	4450					CDFL00 32	CTIA-32(A2)
		TP	CSSDF32D3	4390	CSSDF32B3	4570	☒E-CSSDF32D3	8410	E-CSSDF32B3	8140		
		TPN	CSSDF32D3N	4680	CSSDF32B3N	4700	E-CSSDF32D3N	8730	E-CSSDF32B3N	8310		
		4P	☒CSSDF32D4FN	5400	☒CSSDF32B4FN	5090	E-CSSDF32D4FN	9510	☒E-CSSDF32B4FN	9000		
Frame 1	63A	2P	CSSDF63D2	5040	CSSDF63B2	4830					CDFL00 63	CSTIS-63(A3)
		TP	CSSDF63D3	5630	CSSDF63B3	5180	☒E-CSSDF63D3	9950	E-CSSDF63B3	10030		
		TPN	CSSDF63D3N	5720	CSSDF63B3N	5970	E-CSSDF63D3N	10750	E-CSSDF63B3N	10920		
		4P	CSSDF63D4FN	5850	CSSDF63B4FN	6050	E-CSSDF63D4FN	11190	☒E-CSSDF63B4FN	11210		
Frame 2	100A	2P	CSSDF100D2	8720	CSSDF100B2	10080					CDFL00 100	CTCP-100(A4)
		TP	CSSDF100D3	10560	CSSDF100B3	11630	E-CSSDF100D3	15520	E-CSSDF100B3	15880		
		TPN	CSSDF100D3N	11290	CSSDF100B3N	11840	E-CSSDF100D3N	16490	E-CSSDF100B3N	16020		
		4P	CSSDF100D4FN	13300	☒CSSDF100B4FN	14060	E-CSSDF100D4FN	18770	☒E-CSSDF100B4FN	19580		
Frame 2	125A	2P	CSSDF125D2	10570	CSSDF125B2	10750					CDFL00 125	CTCP-125(A4)
		TP	CSSDF125D3	11290	☒CSSDF125B3	11730	☒E-CSSDF125D3	17810	E-CSSDF125B3	17580		
		TPN	CSSDF125D3N	12420	CSSDF125B3N	12680	E-CSSDF125D3N	18510	E-CSSDF125B3N	19810		
		4P	CSSDF125D4FN	15400	CSSDF125B4FN	15390	☒E-CSSDF125D4FN	20240	☒E-CSSDF125B4FN	21010		
Frame 2	160A	2P	☒CSSDF160D2	12890	CSSDF160B2	13300					CDFL00 160	CTF-160(B2)
		TP	CSSDF160D3	14320	☒CSSDF160B3	14800	E-CSSDF160D3	20150	E-CSSDF160B3	20390		
		TPN	CSSDF160D3N	15650	CSSDF160B3N	16320	E-CSSDF160D3N	21700	☒E-CSSDF160B3N	22480		
		4P	☒CSSDF160D4FN	17380	☒CSSDF160B4FN	19240	E-CSSDF160D4FN	26980	E-CSSDF160B4FN	29770		
Frame 3	200A	2P	CSSDF200D2	15730	CSSDF200B2	16560					CDFL1 200 / CSDFL1 200	CTF-200(B2)
		TP	CSSDF200D3	18280	☒CSSDF200B3	17850	☒E-CSSDF200D3	24910	E-CSSDF200B3	27630		
		TPN	CSSDF200D3N	20540	CSSDF200B3N	20540	E-CSSDF200D3N	26960	E-CSSDF200B3N	29080		
		4P	CSSDF200D4FN	21830	CSSDF200B4FN	21910	☒E-CSSDF200D4FN	31180	E-CSSDF200B4FN	30570		
Frame 3	250A	2P	CSSDF250D2	17860	☒CSSDF250B2	18410					CDFL1 250/ CSDFL1 250	CTKF250(B3)
		TP	CSSDF250D3	20680	CSSDF250B3	21240	☒E-CSSDF250D3	26970	E-CSSDF250B3	29080		
		TPN	CSSDF250D3N	20770	CSSDF250B3N	23060	E-CSSDF250D3N	28060	E-CSSDF250B3N	29950		
		4P	CSSDF250D4FN	23310	CSSDF250B4FN	25640	☒E-CSSDF250D4FN	32650	E-CSSDF250B4FN	33370		
Frame 3	315A	2P	CSSDF315D2	21010	CSSDF315B2	22030					CDFL2 315/ CSDFL2 315	CTKF-315(B3)
		TP	CSSDF315D3	26840	CSSDF315B3	27180	E-CSSDF315D3	33540	E-CSSDF315B3	36850		
		TPN	CSSDF315D3N	27630	CSSDF315B3N	27730	E-CSSDF315D3N	33900	E-CSSDF315B3N	37160		
		4P	CSSDF315D4FN	33320	CSSDF315B4FN	30130	☒E-CSSDF315D4FN	44410	E-CSSDF315B4FN	50140		
Frame 3	400A	2P	☒CSSDF400D2	27080	CSSDF400B2	30160					CDFL2 400/ CSDFL2 400	CTMF-400(B4)
		TP	CSSDF400D3	32130	☒CSSDF400B3	33750	☒E-CSSDF400D3	41010	E-CSSDF400B3	42760		
		TPN	CSSDF400D3N	33100	CSSDF400B3N	34130	E-CSSDF400D3N	41310	E-CSSDF400B3N	43050		
		4P	CSSDF400D4FN	36930	CSSDF400B4FN	40010	☒E-CSSDF400D4FN	46820	E-CSSDF400B4FN	51560		
Frame 4	630A	2P	CSSDF630D2	45850	☒CSSDF630B2	43790					CDFL3 630	CTTM-630(C2)
		TP	CSSDF630D3	63990	☒CSSDF630B3	62150	E-CSSDF630D3	68560	E-CSSDF630B3	71780		
		TPN	CSSDF630D3N	62410	CSSDF630B3N	66660	E-CSSDF630D3N	72080	☒E-CSSDF630B3N	77500		
		4P	CSSDF630D4FN	73230	CSSDF630B4FN	78550	☒E-CSSDF630D4FN	87850	E-CSSDF630B4FN	88240		
Frame 4	800A	2P	CSSDF800D2	63990	CSSDF800B2	64710					-	CTLM-800(C3)
		TP	☒CSSDF800D3	71480	CSSDF800B3	81980	E-CSSDF800D3		E-CSSDF800B3			
		TPN	CSSDF800D3N	77680	CSSDF800B3N	85950	☒E-CSSDF800D3N	POR	☒E-CSSDF800B3N	POR		
		4P	☒CSSDF800D4FN	92690	CSSDF800B4FN	97100	E-CSSDF800D4FN					

☒ non stockable items.

Accessories Switch Disconnectors Fuse Unit



Key Interlocks (3 Locks - 2 Keys)		[HSN Code: 8538]
For Switch Type	Reference	MRP (₹)
CSSDF 32A - 160A	<input checked="" type="checkbox"/> CSSDFZW-16	7510
CSSDF 200A - 800A	CSSDFZW-5	8420



Castle Key Locks		[HSN Code: 8538]
CSSDF 32A - 160A	CSSDFZW-15	8820
CSSDF 200A - 800A	CSSDFZW-4	9280



Auxiliary Contacts		[HSN Code: 8538]
1 NO + 1 NC CSSDF 32A - 63A for 3P	CSSDFZX46	1340
2 NO + 2 NC CSSDF 32A - 63A for 3P	CSSDFZX32	2450
1 NO + 1 NC CSSDF 32A - 63A for 2P & 4P	CSSDFZX46B	1340
2 NO + 2 NC CSSDF 32A - 63A for 2P & 4P	<input checked="" type="checkbox"/> CSSDFZX32B	2450
1 NO + 1 NC CSSDF 100A - 160A	CSSDFZX1	1340
2 NO + 2 NC CSSDF 100A - 160A	<input checked="" type="checkbox"/> CSSDFZX16	2450
1 NO + 1 NC CSSDF 200A - 400A	CSSDFZX33	1610
2 NO + 2 NC CSSDF 200A - 400A	CSSDFZX34	2980
1 NO + 1 NC CSSDF 630A - 800A	CSSDFZX35	1610
2 NO + 2 NC CSSDF 630A - 800A	<input checked="" type="checkbox"/> CSSDFZX36	2450



Handle Mounting Kit (for independent mounting of O/E Switches)		[HSN Code: 8538]
CSSDF 200A - 400A	HMK-1-2	3000
CSSDF 630A - 800A	HMK-3-2	3170



Extended Terminals							[HSN Code: 8538]
32A-63A	TPN	ET-323	810	4P	ET-324	980	
100A-160A	TPN	ET-327	2020	4P	ET-328	2890	
200A-400A	TPN	ET-329	5910	4P	ET-330	7200	

non stockable items.



Switch Disconnecter

Switch Disconnectors (Load Break Switches)

- Conforms to IS/IEC 60947-3
- Range: 25A-400A, 415V AC 50Hz
- Version: TP / 4P
- Compact Construction
- Door Interlock and Padlock facility
- Positive Isolation



[HSN Code: 8536]

Size	Rating Amps	Pole	CSSD In Open Execution		In Sheet Steel Enclosure	
			Reference	MRP (₹)	Reference	MRP (₹)
D-Series	25	3	CSSD25D3	2940	☒E-CSSD25D3	6400
		4	☒CSSD25D4	3880	E-CSSD25D4	6970
	40	3	CSSD40D3	3150	E-CSSD40D3	7370
		4	CSSD40D4	6090	☒E-CSSD40D4	8050
	63	3	CSSD63K3	4180	☒E-CSSD63K3	8790
	63	4	CSSD63D4	6670	☒E-CSSD63D4	10550
NM-Series	125	3	CSSD125D3	9360	E-CSSD125D3	14740
		4	CSSD125D4	11390	☒E-CSSD125D4	16360
	125	3	CSSD125NM3	10990	E-CSSD125NM3	16230
		4	CSSD125NM4	13540	E-CSSD125NM4	20040
	160	3	☒CSSD160NM3	12240	E-CSSD160NM3	18120
		4	☒CSSD160NM4	14560	E-CSSD160NM4	21600
	200	3	☒CSSD200NM3	15640	E-CSSD200NM3	20320
		4	CSSD200NM4	20280	E-CSSD200NM4	26370
	250	3	CSSD250NM3	15830	E-CSSD250NM3	23420
		4	CSSD250NM4	21930	☒E-CSSD250NM4	32520
	315	3	CSSD315NM3	20610	E-CSSD315NM3	POR
		4	CSSD315NM4	22250	E-CSSD315NM4	POR
400	3	CSSD400NM3	24710	E-CSSD400NM3	POR	
	4	CSSD400NM4	29990	E-CSSD400NM4	POR	

NOTE:

1. Rotary Handle with door defeat Mechanism handle is available only for 25-125A (D&K Type).
2. Pistol Handle is available for complete range.
3. Switch Disconnecter with Direct Handle and Extended Terminals are also available. Please contact nearest Branch Office for prices.
4. Handle Colour: Red knob & yellow base is available on request for rotary switches upto 125A.



Switch Disconnecter

Switch Disconnectors (Load Break Switches)

- Conforms to IS/IEC 60947-3
- Range: 125A-3150A, 415V, 50Hz
- Version: 2P, 3P, 4P
- Modular construction
- Positive Isolation
- Door Interlock and Padlock facility ■



Size	Rating Amps	Pole	CSSD In Open Execution [HSN Code: 8536]		In Sheet Steel Enclosure [HSN Code: 8536]		
			Reference	MRP (₹)	Reference	MRP (₹)	
DM-Series	125	3	CSSD125DM3	12310	E-CSSD125DM3	16620	
		4	CSSD125DM4	15250	☒E-CSSD125DM4	20580	
	160	3	CSSD160DM3	14080	E-CSSD160DM3	18610	
		4	CSSD160DM4	16290	E-CSSD160DM4	22370	
	200	3	CSSD200DM3	17460	E-CSSD200DM3	23750	
		4	CSSD200DM4	25940	E-CSSD200DM4	30880	
	250	3	CSSD250DM3	21290	E-CSSD250DM3	28060	
		4	CSSD250DM4	26320	E-CSSD250DM4	32810	
	315	3	CSSD315DM3	24710	E-CSSD315DM3	30700	
		4	CSSD315DM4	30040	E-CSSD315DM4	35680	
	400	3	CSSD400DM3	29950	E-CSSD400DM3	36390	
		4	CSSD400DM4	34940	E-CSSD400DM4	43100	
	K-Series	630	3	CSSD630K3	44390	E-CSSD630K3	51950
			4	CSSD630K4	52050	E-CSSD630K4	60370
800		3	CSSD800K3	52390	E-CSSD800K3	60760	
		4	CSSD800K4	57760	E-CSSD800K4	73110	
P-Series	1000	3	CSSD1000SB3	53550	E-CSSD1000SB3	88030	
		4	CSSD1000SB4	76340	E-CSSD1000SB4	115800	
	1000	3	☒CSSD1000P3	67900	E-CSSD1000P3	98220	
		4	☒CSSD1000P4	96790	E-CSSD1000P4	129210	
	1250	3	☒CSSD1250P3	88530	E-CSSD1250P3	120380	
		4	☒CSSD1250P4	116990	E-CSSD1250P4	158360	
	1600	3	☒CSSD1600P3	110860	E-CSSD1600P3	150770	
		4	☒CSSD1600P4	147810	E-CSSD1600P4	201010	
	2000	3	CSSD2000P3	231910	E-CSSD2000P3	291100	
		4	CSSD2000P4	263470	E-CSSD2000P4	325160	
	2500	3	CSSD2500P3	281950	E-CSSD2500P3	323060	
		4	CSSD2500P4	320400	E-CSSD2500P4	360910	
	3150	3	CSSD3150P3	327340	E-CSSD3150P3	433220	
		4	CSSD3150P4	371960	E-CSSD3150P4	503090	

NOTES:

'K' series from 1000A to 3150A in open execution & with enclosure is also available on special request for retrofit orders only. For price, please contact nearest Branch Office.

☒ non stockable items.



Switch Disconnecter

Switch Disconnectors (Moulded Construction)



Accessories [HSN Code: 8538]

For Switch Type	Reference		MRP (₹)			
Key Interlocks (3 Locks - 2 Keys)						
CSSD 125A-160A	CSSDZW - 16		9260			
CSSD 200A-3150A	CSSDZW - 5					
Castle Key Locks						
CSSD 25A-160A	CSSDZW - 15		7790			
CSSD 200A-3150A	CSSDZW - 4					
Auxiliary Contacts		Pole	Reference			
1 NO+1 NC CSSD 25A-40A	3P	CSSDZX49	1210			
2 NO+2 NC CSSD 25A-40A	3P	CSSDZX50	2290			
1 NO+1 NC CSSD 25A-40A	4P	CSSDZX87	1210			
2 NO+2 NC CSSD 25A-40A	4P	CSSDZX88	2290			
1 NO+1 NC CSSD 63A (K Type)	3P	CSSDZX79	1210			
2 NO+2 NC CSSD 63A (K Type)	3P	CSSDZX80	2290			
1 NO+1 NC CSSD 63~125A (D Type)	3P	CSSDZX52	1210			
2 NO+2 NC CSSD 63~125A (D Type)	3P	CSSDZX53	2290			
1 NO+1 NC CSSD 63A-125A	4P	CSSDZX55	1210			
2 NO+2 NC CSSD 63A-125A	4P	CSSDZX56	2290			
1 NO+1 NC CSSD 125A-160A (DM)	3/4P	CSSDZX1	2290			
2 NO+2 NC CSSD 125A-160A (DM)	3/4P	CSSDZX16	2290			
1 NO+1 NC CSSD 200A-400A (DM)	3/4P	CSSDZX37	2290			
2 NO+2 NC CSSD 200A-400A (DM)	3/4P	CSSDZX38	2290			
1 NO+1 NC CSSD 630A-800A	3/4P	CSSDZX33	2290			
2 NO+2 NC CSSD 630A-800A	3/4P	CSSDZX34	2290			
1 NO+1 NC CSSD 1000A-3150A	3/4P	CSSDZX35	2290			
2 NO+2 NC CSSD 1000A-3150A	3/4P	CSSDZX36	2290			
Handle Mounting Kit (for independent mounting of O/E Switches)						
CSSD 200A-400A (DM Type)	HMK-2		3010			
CSSD 630A-800A	HMK-1-1		3050			
CSSD 1000A-1600A	HMK-3-1		3260			
Extended Terminals	Pole	Reference	MRP (₹)	Pole	Reference	MRP (₹)
125A	3P	ET-325	1090	4P	ET-326	1180
100A-160A	3P	ET-327	1940	4P	ET-328	2760
200A-400A	3P	ET-329	5650	4P	ET-330	6890
Rotary Knob Handles						
CSSD 25A-125A (Moulded-Red/Yellow)	CSSDZX108		750			
CSSD 25A-125A (Moulded-Black)	CSSDZX111BL					
Switch Handles						
CSSD 400A-800A (K Type)	CSWH145S12		2130			
CSSD 1000A-1600A (Moulded)	CSWH220S12		2730			
CSSD 2500A-3150A (Metallic)	CSDA8		3210			
CSSD 125A-160A (DM Type)	CSWH80S6		1230			
CSSD 200A-400A (DM Type)	CSWH80S8					
Switch Handle Shaft						
CSSD 25A-125A	CSP5X70		850			
CSSD 125A-160A (DM)	CAP6X165		550			
CSSD 200A-400A (DM)	CSP8X240					
CSSD 630A-1600A	CSP12X255		960			
CSSD 2500A-3150A	CSP12X325		1170			



Changeover Switch

On Load Changeover Switches

- Conforms to IS/IEC 60947-3
- Range: 63A–3150A, 415V, 50Hz
- Version: 4P
- Modular construction
- Positive Isolation
- Door Interlock and Padlock facility ■



In Open Execution

[HSN Code: 8536]

Size	Rating (Amps)	Pole	Reference	MRP (₹)	
NM-Series	Frame 1	63	4	CSCS63NM4CO	10360
	Frame 1	100	4	CSCS100NM4CO	13760
	Frame 2	125	4	CSCS125NM4CO	20100
	Frame 2	160	4	CSCS160NM4CO	22100
	Frame 2	200	4	CSCS200NM4CO	26580
	Frame 2	250	4	CSCS250NM4CO	39890
DM-Series	Frame 2	315	4	CSCS315DM4CO	41570
	Frame 2	400	4	CSCS400DM4CO	60910
K-Series	Frame 3	630	4	CSCS630K4CO	71070
	Frame 3	800	4	CSCS800K4CO	101120
P-Series	Frame 4	1000	4	CSCS1000SB4CO	182960
	Frame 4	1000	4	CSCS1000P4CO	179640
	Frame 4	1250	4	CSCS1250P4CO	242860
	Frame 4	1600	4	CSCS1600P4CO	307580
	Frame 5	2000	4	CSCS2000P4CO	557600
	Frame 5	2500	4	CSCS2500P4CO	642350
	Frame 5	3150	4	CSCS3150P4CO	885280

In Sheet Steel Enclosure

[HSN Code: 8536]

Size	Rating (Amps)	Pole	Reference	MRP (₹)	
NM-Series	Frame 1	63	4	E-CSCS63NM4CO	14560
	Frame 1	100	4	E-CSCS100NM4CO	18340
	Frame 2	125	4	E-CSCS125NM4CO	26740
	Frame 2	160	4	E-CSCS160NM4CO	29110
	Frame 2	200	4	E-CSCS200NM4CO	33670
	Frame 2	250	4	E-CSCS250NM4CO	50930
DM-Series	Frame 2	315	4	E-CSCS315DM4CO	52610
	Frame 2	400	4	E-CSCS400DM4CO	77470
K-Series	Frame 3	630	4	E-CSCS630K4CO	89200
	Frame 3	800	4	E-CSCS800K4CO	133050
P-Series	Frame 4	1000	4	E-CSCS1000SB4CO	236060
	Frame 4	1000	4	E-CSCS1000P4CO	231790
	Frame 4	1250	4	E-CSCS1250P4CO	300750
	Frame 4	1600	4	E-CSCS1600P4CO	391140
	Frame 5	2000	4	E-CSCS2000P4CO	602290
	Frame 5	2500	4	E-CSCS2500P4CO	770690
	Frame 5	3150	4	E-CSCS3150P4CO	1044620

NOTES:

1. 'K' series from 1000A to 3150A in open execution & with enclosure is also available on special request for retrofit orders only. For price, please contact nearest Branch Office. ■ Upto 800A
2. NM Series is of non-modular type.

ACCESSORIES

Auxiliary Contacts for NM Type Changeover

Description	Reference	MRP (₹)
1NO +1NC for 63–100A	CSCONM1AUX10	1050
1NO +1NC for 125–250A	CSCONM2AUX10	

non stockable items.



Bypass Switches

LT Bypass Switch complete with Handle Assembly having Door Interlock and Padlocking arrangement.

In Open Execution				[HSN Code: 8536]
Size	Rating (Amps)	Pole	Reference	MRP (₹)
Frame 1	63	4	CSBS63DM4	27860
	80	4	CSBS80DM4	34020
	100	4	CSBS100DM4	35490
	125	4	CSBS125DM4	39050
	160	4	CSBS160DM4	46170
Frame 2	200	4	CSBS200DM4	47180
	250	4	CSBS250DM4	71820
	315	4	CSBS315DM4	74540
	400	4	CSBS400DM4	105270
Frame 3	630	4	CSBS630K4	125950
	800	4	CSBS800K4	157980
Frame 4	1000	4	CSBS1000P4	294640
	1250	4	CSBS1250P4	404650
	1600	4	CSBS1600P4	542940

In Sheet Steel Enclosure				[HSN Code: 8536]
Size	Rating (Amps)	Pole	Reference	MRP (₹)
Frame 1	63	4	E-CSBS63DM4	39670
	80	4	E-CSBS80DM4	42470
	100	4	E-CSBS100DM4	43580
	125	4	E-CSBS125DM4	49650
	160	4	E-CSBS160DM4	53590
Frame 2	200	4	E-CSBS200DM4	60610
	250	4	E-CSBS250DM4	87120
	315	4	E-CSBS315DM4	93200
	400	4	E-CSBS400K4	130420
Frame 3	630	4	E-CSBS630K4	149110
	800	4	E-CSBS800K4	220890
Frame 4	1000	4	E-CSBS1000P4	363840
	1250	4	E-CSBS1250P4	491210
	1600	4	E-CSBS1600P4	660940

NOTES:

'K' series from 1000A to 1600A is also available on request for retrofit only. For price, please contact nearest Branch Office. Door interlock & Pad locking arrangements are available upto 800A

Bypass Switches

LT Bypass Switch complete with Handle Assembly having Door Interlock and Padlocking arrangement.

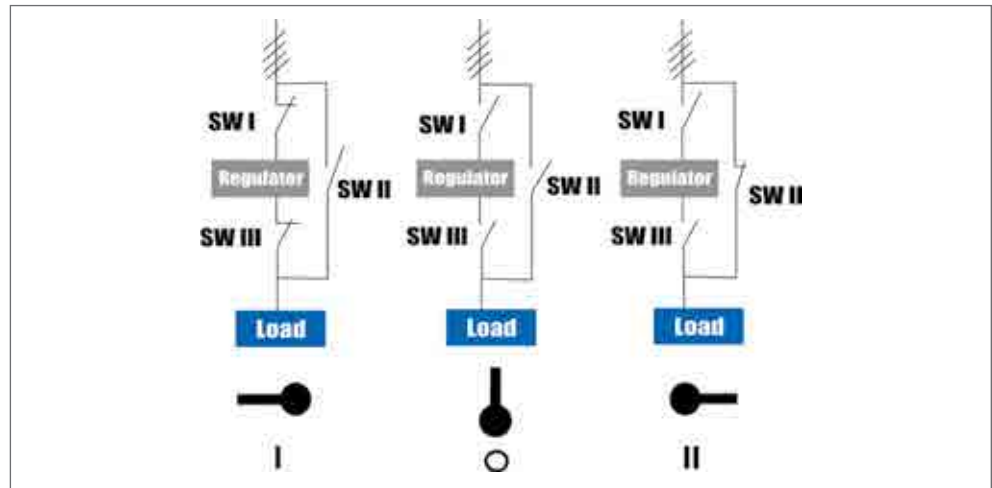
Accessories for Changeover -Type DM/K/P

Auxiliary Contacts				[HSN Code: 8538]
Contacts Configuration	For Switch Type	Qty./Switch	Reference	MRP (₹)
1NO+1NC	CSCS/CSBS 63A-160A Upper CSCF 125A-160A	1	☒CSCSZX1-U	1310
1NO+1NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	☒CSCSZX1-L	1310
2NO+2NC	CSCS/CSBS 63A-160A Upper CSCF 125A-160A	1	☒CSCSZX3-U	2550
2NO+2NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	CSCSZX3-L	2550
1NO+1NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSZX2	2610
2NO+2NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSZX4	5060

Bypass Switch application

Table of Operation

Handle	Switch-I	Switch-II	Switch-III	Remarks
Position-I	ON	OFF	ON	Regulated Supply to Load
Position-O	OFF	OFF	OFF	No Supply, Load as well as Regulator Isolated form incoming source
Position-II	OFF	ON	OFF	Direct Supply, Regulator By-passed & Isolated



Switch Disconnector Fuse Changeover (Conventional Type / Side-by-Side)

LT Heavy Duty 4 Pole Changeover Switch Disconnector Fuse unit comprising of two Switches, 32A - 800A, 415V, 50Hz mounted on common chassis complete with Mechanical Interlock and Handle Assembly having Door Interlock & Padlocking arrangements.

CSSDF in Open Execution, 4 Pole				[HSN Code: 8536]
Size	Rating (Amps)	Reference		MRP (₹)
		DIN	BIS	
Frame 1	32	CSSDF32D4CO	CSSDF32B4CO	POR
	63	CSSDF63D4CO	CSSDF63B4CO	
Frame 2	100	CSSDF100D4CO	CSSDF100B4CO	
	125	CSSDF125D4CO	CSSDF125B4CO	
	160	CSSDF160D4CO	CSSDF160B4CO	
Frame 3	200	☒ CSSDF200D4CO	CSSDF200B4CO	
	250	☒ CSSDF250D4CO	CSSDF250B4CO	
	315	☒ CSSDF315D4CO	CSSDF315B4CO	
	400	☒ CSSDF400D4CO	CSSDF400B4CO	
Frame 4	630	☒ CSSDF630D4CO	CSSDF630B4CO	
	800	-	CSSDF800B4CO	

Load Break Changeover Conventional Type / Side-by-Side)

LT Heavy Duty 4 Pole Changeover Load Break Switch comprising of two Switches 25A - 3150A, 415V, 50Hz mounted on common chassis complete with Mechanical Interlock and Handle Assembly having Door Interlock and Padlocking arrangements.

CSSD in Open Execution, 4 Pole			[HSN Code: 8536]
Size	Rating (Amps)	Reference	MRP (₹)
Frame 1	25	CSSD25D4CO	POR
	40	CSSD40D4CO	
Frame 2	63	CSSD63D4CO	
Frame 3	125	☒ CSSD125DM4CO	
	160	☒ CSSD160DM4CO	
Frame 4	200	☒ CSSD200DM4CO	
	250	☒ CSSD250DM4CO	
	400	☒ CSSD400DM4CO	
Frame 5	630	☒ CSSD630K4CO	
	800	☒ CSSD800K4CO	
Frame 6	1000	☒ CSSD1000P4CO	
	1250	☒ CSSD1250P4CO	
	1600	☒ CSSD1600P4CO	
Frame 7	1800	☒ CSSD1800P4CO	
	2500	☒ CSSD2500P4CO	
	3150	☒ CSSD3150P4CO	

NOTE:

- Shorting Links/ Busbars NOT provides with open execution in conventional type Changeover Switches Enclosure Prices on request.
- 'K' series from 1000A to 3150A in open execution is also available on special request for retrofit jobs only. For price, please contact nearest Branch Office.



RoHS
Compliant

ATS Automatic / Motorized Transfer Switch

Key Features:

- With inbuilt micro processor based AMF controller
- Protection against under/over voltage, Single phase missing
- External indication terminal output for Source healthy and load ON
- Inbuilt fuse protection to avoid failure of AMF controller
- 3 Position isolation lock for Source I - Off - Source II

Applications:

- Airports & Railways
- IT, Malls and Commercial buildings
- Automobile Industries
- Data Centre and Telecommunications
- Oil and Gas Industries
- Manufacturing Industries
- Healthcare
- Banking & Finance



Automatic Transfer Switch

- Confirms IEC-60947-6-1
- Range 40A-3200A
- Utilization Category AC32B

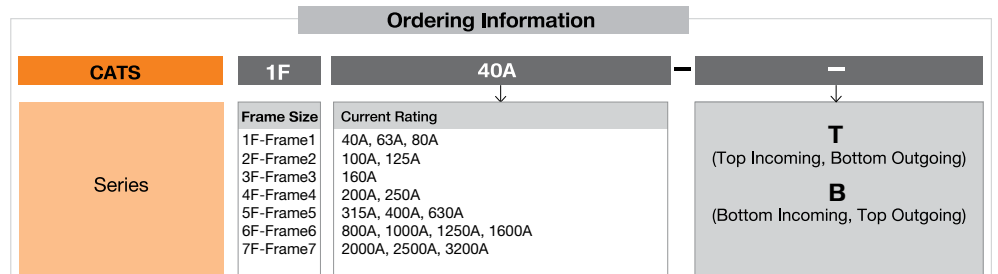


Automatic Transfer Switch

[HSN Code: 8536]

Size	Rating	Pole	Reference	MRP (₹)
Frame-1	40A	4	CATS1F40A ■	82130
	63A	4	CATS1F63A ■	84040
Frame-2	100A	4	CATS2F100A ■	87990
	125A	4	CATS2F125A ■	93810
Frame-3	160A	4	CATS3F160A ■	100630
Frame-4	200A	4	CATS4F200A ■	134220
	250A	4	CATS4F250A ■	143720
Frame-5	315A	4	CATS5F315A ■	173860
	400A	4	CATS5F400A ■	175950
	630A	4	CATS5F630A ■	223300
Frame-6	800A	4	CATS6F800A ■	450610
	1000A	4	CATS6F1000A ■	468600
	1250A	4	CATS6F1250A ■	489250
	1600A	4	CATS6F1600A ■	612850
Frame-7	2000A	4	CATS7F2000A ■	907030
	2500A	4	CATS7F2500A ■	1176670
	3200A	4	CATS7F3200A ■	1456130

NOTE: While ordering replace ■ with 'T' (Top Incoming, Bottom Outgoing) 'B' (Bottom Incoming, Top Outgoing)



Motorised Transfer Switch - Remotely operated

[HSN Code: 8536]

Size	Rating	Pole	Reference	MRP (₹)
Frame-1	40A	4	CMTS1F40A	49290
	63A	4	CMTS1F63A	50430
Frame-2	100A	4	CMTS2F100A	52790
	125A	4	CMTS2F125A	75040
Frame-3	160A	4	CMTS3F160A	80490
Frame-4	200A	4	CMTS4F200A	107390
	250A	4	CMTS4F250A	114970
Frame-5	315A	4	CMTS5F315A	161000
	400A	4	CMTS5F400A	162930
	630A	4	CMTS5F630A	212140
Frame-6	800A	4	CMTS6F800A	340520
	1000A	4	CMTS6F1000A	341750
	1250A	4	CMTS6F1250A	379110
	1600A	4	CMTS6F1600A	476710
Frame-7	2000A	4	CMTS7F2000A	749150
	2500A	4	CMTS7F2500A	976140
	3200A	4	CMTS7F3200A	1203160



DC FUSE



Key Features

- Rated Voltage: 1000VDC/1500 VDC
- Breaking Capacity: 50KA/250 kA
- Fusing Characteristics: High Speed Fuse
- Utilization Category: aR / aBat
- Current Limiting Capability

Reference	Rate Current	Rate Voltage	Breaking Capacity	MRP (₹)	Std. Pkg. (Nos)
CSF1000VDC200A	200	1000	50	POR	80
CSF1000VDC250A	250	1000	50		80
CSF1000VDC350A	350	1000	50		32
CSF1000VDC400A	400	1000	50		32
CSF1500VDC350A	350	1500	250		12
CSF1500VDC630A	630	1500	250		10
CSF1500VDC2000A	2000	1500	250		4



HRC Fuse Link, Fuse Base & Fuse Holder

Range: 2A~800A

- Conforms to IS/IEC 60269-Part 2
- Range: DIN type (6~630A), 500V, AC 50Hz, Bolted type (2~800A), 415V, AC 50Hz
- High breaking capacity: 80kA



DIN Type HRC Fuse Link				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
00	6, 10, 16, 20, 25, 32, 35	CDFL00*	550	3
	40, 50, 63	CDFL00*	550	
	80, 100	CDFL00*	560	
	125, 160	CDFL00*	570	
1	32, 35, 50, 63	CDFL01*	1090	
	80, 100, 125	CDFL01*	1190	
	160	CDFL01*	1190	
	200	CDFL1*	1210	
	250	CDFL1*	1330	
2	100, 125	CDFL02*	1700	
	160, 200	CDFL02*	1740	
	250	CDFL02*	1740	
	315	CDFL2*	1830	
	400	CDFL2*	1910	
3	315, 400	CDFL03*	2440	
	500	CDFL3*	2930	
	630	CDFL3*	2930	

While ordering, replace "*" by current rating.
For ISI version please contact nearest Branch Office.



Fuse Bases for DIN Type Fuse Link (ISI Mark)				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
00	160	CSDFB00	910	3
1	250	CSDFB1	1660	
2	400	CSDFB2	1980	
3	630	CDFB3	3240	



Solid Link				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
00	160	CDSL00	910	3
1	250	CDSL1	1210	
2	400	☒CDSL2	1660	
3	630	☒CDSL3	2040	

Bolted Type HRC Fuse Link



Off Set TAG Type				[HSN Code: 8536]
IS/IEC Size	Rating (Amps)	Reference	MRP (₹)	Std. Pkg. (Nos)
A1	2, 4, 6, 8, 10, 12 & 16	CNITE*	130	20
	20, 25, & 32	CNITE*		
A2	4, 6, 10, 16, 20, 25 & 32	CTIAE*	230	20
A3	32, 40, 50 & 63	CTISE*	290	10
A4	50, 63, 80, 100, 125	CTCP*	590	6
-	125, 160, 200	CTFP*	850	6

CNS (Off Set) clip in Type				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
F1	2, 4, 6, 8, 10, 12, 16	CNSE*	130	20
F1	20, 25, 32	CNSE*	130	20

☒ non stockable items

Bolted Type HRC Fuse Link



Central TAG (2 hole fixing) Type				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
B1	80, 100	CTC*	640	6
B1	125	CTC*	640	
B2	125, 160, 200	CTF*	930	6
B3	250, 300, 315	CTKF*	1390	1
B4	355, 400	CTMF*	2590	






☒ non stockable items.

HRC Fuse Link, Fuse Base & Fuse Holder



Central TAG (4 Hole Fixing) Type				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
C1	355, 400	☒CTM*	2480	1
C2	450, 500	☒CTTM*	4090	
C2	630	CTTM*	5280	
C3	670, 710, 750, 800	☒CTLM*	5630	



Cylindrical HRC Fuse Link				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
(14*51)	2, 4, 6, 8 & 10	CHFE* 	240	20
(14*51)	16, 20 & 25	CHFE* 	240	
(14*51)	32 & 40	CHFE* 	290	
(14*51)	50	CHFE* 	470	
(14*51)	63	CHFE* 	500	
(10*38)	2, 4, 6, 8, 10 & 16	CGF*	110	20
(10*38)	20 & 25	CGF*	120	
(10*38)	32	CGF*	120	



HRC Fuse Holder for Bolted Type Fuse Link							[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)	Reference	MRP (₹)	Std. Pkg. (Nos)
F1	20	CNS20H	330	10	-	-	-
F1	32	CNS32H	380	10	-	-	-
A2	32	CSM32H	660	5	-	-	-
A3	63	CSM63H	790	5	-	-	-
A4	100	-	-	-	CSM100H*	2290	3
A4	100	-	-	-	CSM100B*	2560	3

* H-Both side cable B-Top busbar & bottom cable



Fuse Holder for Cylindrical HRC Fuse Link				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
14 x 51	32	CHO32R	360	10
14 x 51	63	CHC63R	440	



Fuse Puller (for DIN type Fuse Link 6-630Amp)		[HSN Code: 8536]
Reference	MRP (₹)	Std. Pkg. (Nos)
CDFH003	570	1



LIGHTING TRUNKING

LB Series



Features:

- LB Lighting trunking is used in all kinds of applications:
 - Lighting - Sensors
 - Dimmers - Emergency signalling / alarms
 - Power socket circuits
- Low weight & rigid housing
- High temperature resistance, flame retardant insulation
- Standard design of straight length with Plug in Point & accessories
- Common Plug in Box with detachable phase jaws & Universal bracket
- Quick & easy installation and mounting of luminaires



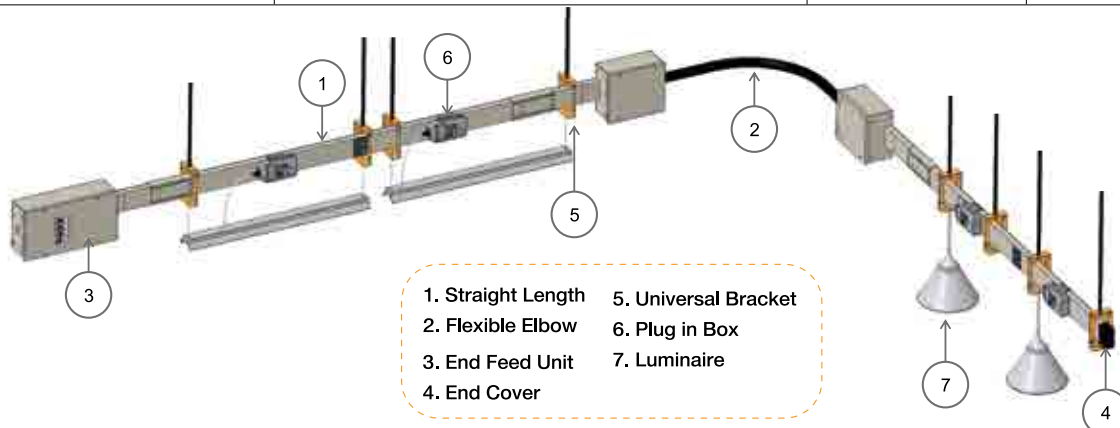
Lighting Trunking

Lighting Trunking - LB Series

- Conforms -IEC 61439 (1&6)
- Operational voltage -500V
- Range -25A, 40A
- Plug-in unit -6A-16A
- Busbar Configuration - 2P, 4P, 4P+2P, 4P+4P
- Busbar Material - Copper

[HSN Code: 8538]

Type	Description	Reference	UOM	MRP (₹)
Straight length	Straight length 1 meter with 1 PIP 2 Pole, 25A.	LBC252BG5S1P1	NOS	POR
	Straight length 1 meter with 1 PIP 4 Pole, 25A.	LBC254BG5S1P1	NOS	
	Straight length 1 meter with 1+1 PIP 4+2 Pole, 25A.	LBC256BG5S2P1	NOS	
	Straight length 1 meter with 1+1 PIP 4+4 Pole, 25A.	LBC258BG5S2P1	NOS	
	Straight length 1 meter with 1 PIP 2 Pole, 40A.	LBC402BG5S1P1	NOS	
	Straight length 1 meter with 1 PIP 4 Pole, 40A.	LBC404BG5S1P1	NOS	
	Straight length 1 meter with 1+1 PIP 4+2 Pole, 40A.	LBC406BG5S2P1	NOS	
	Straight length 1 meter with 1+1 PIP 4+4 Pole, 40A.	LBC408BG5S2P1	NOS	
	Straight length 3 meter with 3 PIP 2 Pole, 25A.	LBC252BG5S1P3	NOS	
	Straight length 3 meter with 3 PIP 4 Pole, 25A.	LBC254BG5S1P3	NOS	
	Straight length 3 meter with 3+3 PIP 4+2 Pole, 25A.	LBC256BG5S2P3	NOS	
	Straight length 3 meter with 3+3 PIP 4+4 Pole, 25A.	LBC258BG5S2P3	NOS	
	Straight length 3 meter with 3 PIP 2 Pole, 40A.	LBC402BG5S1P3	NOS	
	Straight length 3 meter with 3 PIP 4 Pole, 40A.	LBC404BG5S1P3	NOS	
	Straight length 3 meter with 3+3 PIP 4+2 Pole, 40A.	LBC406BG5S2P3	NOS	
Straight length 3 meter with 3+3 PIP 4+4 Pole, 40A.	LBC408BG5S2P3	NOS		
Flexible Elbow	Flexible Elbow 1 meter, 2/4 Pole, 25/40A	LBC404BG5FXE1	NOS	POR
	Flexible Elbow 1 meter, 4+2/4+4 Pole, 25/40A	LBC408BG5FXE1	NOS	
	Flexible Elbow 3 meter, 2/4 Pole, 25/40A	LBC404BG5FXE3	NOS	
	Flexible Elbow 3 meter, 4+2/4+4 Pole, 25/40A	LBC408BG5FXE3	NOS	
End Feed Unit	End Feed Unit LHS (Direct), 2/4 Pole, 25/40A.	LBC404BG5EFDL	NOS	POR
	End Feed Unit LHS (Direct), 4+2/4+4 Pole, 25/40A.	LBC408BG5EFDL	NOS	
	End Feed Unit LHS (with MCB Provision), 2/4 Pole, 25/40A.	LBC404BG5EFSL	NOS	
	End Feed Unit LHS (with MCB Provision), 4+2/4+4 Pole, 25/40A.	LBC408BG5EFSL	NOS	
Center Feed unit	Center Feed Unit (Direct), 2/4 Pole, 25/40A.	LBC404BG5CFDS	NOS	POR
	Center Feed Unit (Direct), 4+2/4+4 Pole, 25/40A.	LBC408BG5CFDS	NOS	
	Center Feed Unit (with MCB Provision), 2/4 Pole, 25/40A.	LBC404BG5CFSS	NOS	
	Center Feed Unit (with MCB Provision), 4+2/4+4 Pole, 25/40A.	LBC408BG5CFSS	NOS	
End Cover	End Cover 2/4 Pole, RHS.	LBEC1R	NOS	POR
	End Cover 2/4 Pole, LHS.	LBEC1L	NOS	
	End Cover 4+2/4+4 Pole, RHS.	LBEC2R	NOS	
	End Cover 4+2/4+4 Pole, LHS.	LBEC2L	NOS	
Universal Bracket	Universal Bracket 2/4 Pole.	LBHB1U	NOS	POR
	Universal Bracket 4+2/4+4 Pole .	LBHB2U	NOS	
Plug in Box	Plug in Box (Direct), 2 Pole, 16A	LB12BP5D16	NOS	POR
	Plug in Box (Direct), 4 Pole, 16A	LB14BP5D16	NOS	
	Plug in Box (with fuse), 2 Pole, 6A	LB12BP5F06	NOS	
	Plug in Box (with fuse), 4 Pole, 6A	LB14BP5F06	NOS	
	Plug in Box (with fuse), 2 Pole, 16A	LB12BP5F16	NOS	
	Plug in Box (with fuse), 4 Pole, 16A	LB14BP5F16	NOS	





Power Control Components



MPCBs ■ Power Contactors ■ Mini Contactors
Overload Relays ■ Industrial Plugs & Sockets
Control & Signalling Devices ■ Motor Starters



Motor Protection Circuit Breaker

exceed

TOGGLE TYPE / ROTARY TYPE



- Conforms to IEC 60947-2
- Overload and Short circuit protection - Toggle and Rotary Type
- Short circuit protection - Rotary Type
- Breaking Capacity upto 100kA
- Finger Safe Terminals
- 35mm DIN Rail mounting

For Toggle type MPCB pls contact to nearest Branch Office



exceed

Motor Protection Circuit Breaker



exceed Motor Protection Circuit Breaker - Rotary Type

[HSN Code: 8536]



Frame	Power Rating 3Ph Motors AC3-duty, 415V,50Hz	Rated Operational Current Ie(A)	Breaking Capacity (kA) 415V, 50Hz	Reference	MRP (₹)	Adjustable range (Amp)	Reference	MRP (₹)
				With Short Circuit Protection			With Overload & Short Circuit Protection	
32AF	0.02	0.16	100kA	TCMS-32HIR-0.16	5610	0.1-0.16	TCMS-32HR-0.16	5730
	0.06	0.25		TCMS-32HIR-0.25	5610	0.16-0.25	TCMS-32HR-0.25	5730
	0.09	0.4		TCMS-32HIR-0.4	5610	0.25-0.4	TCMS-32HR-0.4	5730
	0.12	0.63		TCMS-32HIR-0.63	5610	0.4-0.63	TCMS-32HR-0.63	5730
	0.25	1		TCMS-32HIR-1	5610	0.63-1	TCMS-32HR-1	5730
	0.55	1.6		TCMS-32HIR-1.6	6460	1-1.6	TCMS-32HR-1.6	6580
	0.75	2.5		TCMS-32HIR-2.5	6460	1.6-2.5	TCMS-32HR-2.5	6580
	1.5	4		TCMS-32HIR-4	6460	2.5-4	TCMS-32HR-4	6580
	2.2	6.3		TCMS-32HIR-6.3A	6460	4-6.3	TCMS-32HR-6.3	6580
	4	10		TCMS-32HIR-10A	6460	6.3-10	TCMS-32HR-10	6580
63AF	9	16	50kA	TCMS-32HIR-16A	6750	10-16	TCMS-32HR-16	8320
	9	20		TCMS-32HIR-20A	7640	16-20	TCMS-32HR-20	8320
	12.5	25		TCMS-32HIR-25A	7640	20-25	TCMS-32HR-25	8820
	15	32		TCMS-32HIR-32A	10530	25-32	TCMS-32HR-32	16140
	7.5	16		TCMS-63HIR-16	14470	11-16	TCMS-63HR-16	14770
	7.5	20		TCMS-63HIR-20	14470	14-20	TCMS-63HR-20	14770
	11	25		TCMS-63HIR-25	14470	18-25	TCMS-63HR-25	14770
	15	32		TCMS-63HIR-32	25030	22-32	TCMS-63HR-32	25320
	18	40		TCMS-63HIR-40	25030	28-40	TCMS-63HR-40	25320
	18	45		TCMS-63HIR-45	25030	36-45	TCMS-63HR-45	25320
	22	50		TCMS-63HIR-50	26520	40-50	TCMS-63HR-50	26880
	30	63		TCMS-63HIR-63	26520	45-63	TCMS-63HR-63	26880

ACCESSORIES

[HSN Code: 8538]

Description	Configuration	Reference	MRP (₹)
Front Mounted Auxiliary contacts	1NO+1NC	TFXR11	1170
Left Side Mounted Auxiliary contacts	2NC	TLXR02	1670
Left Side Mounted Auxiliary contacts	1NO+1NC	TLXR11	1670
Left Side Mounted Auxiliary contacts	2NO	TLXR20	1670
Left Side Mtd Trip ind Aux con (1NC/1NO for OL and 1NO/1NC for SC) for 32AF	1NO+1NC	TLAR3211	2910
Left Side Mtd Trip ind Aux con (1NC/1NO for OL and 1NO/1NC for SC) for 63AF	1NO+1NC	TLAR6311	3040
MPCB Enclosure Frame 32AF (Without Accessories)	For TCMS-32HIR / 32HR	EPH32HRBG	4390
MPCB Enclosure Frame 32AF (With Accessories)	For TCMS-32HIR / 32HR	EPH32HAXRBG	4830
Extended RotaryHandle -32AF-IP65	For TCMS-32HIR / 32HR	MEH32HR-GB	2120
Extended Rotary Handle -63AF-IP65	For TCMS-63HIR / 63HR	MEH63HR-GB	2230
Shunt Release 32AF / 63AF (Right Side Mounting)	20 ~ 24V 50/60Hz	TRSR20-24V 50/60Hz	2910
	40 ~ 48V 50/60Hz	TRSR40-48V 50/60Hz	
	100 ~ 127V 50/60Hz	TRSR40-100V 127/60Hz	
	200 ~ 240V 50/60Hz	TRSR40-200V 240/60Hz	
	365 - 440V 50/60Hz	TRSR40-365V 440/60Hz	
Under Voltage Release 32AF/63AF (Right Side Mounting)	24V 50/60Hz	TRUR 50Hz 60Hz 24V	2910
	24V 50Hz / 28V 60Hz	TRUR 50Hz 24V 60Hz 28V	
	95V 50Hz / 110V 60Hz	TRUR 50Hz 95V 60Hz 110V	
	110V 50Hz / 120V 60Hz	TRUR 50Hz 110V 60Hz 120V	
	110-115V 50Hz / 127V 60Hz	TRUR 50Hz 110-115V 60Hz 127V	
	180V 50Hz / 208V 60Hz	TRUR 50Hz 180V 60Hz 208V	
	190V 50Hz / 220V 60 Hz	TRUR 50Hz 190V 60Hz 220V	
	208V 50 Hz / 240V 60 Hz	TRUR 50Hz 208V 60Hz 240V	
	230-240V 50Hz / 277V 60Hz	TRUR 50Hz 230-240V 60Hz 277V	
	325V 50Hz / 380V 60Hz	TRUR 50Hz 325V 60Hz 380V	
	380V 50Hz / 440V 60Hz	TRUR 50Hz 380V 60Hz 440V	
	400-415V 50Hz / 480V 60Hz	TRUR 50Hz 400-415V 60Hz 480V	
	500V 50Hz / 600V 60Hz	TRUR 50Hz 500V 60Hz 600V	



The efficient solution for High Switching in Motor Circuits

robustTa

Contactor 9A~800A



- Safety First
- Compact Modular Design
- Auxiliary Contact In-built
- Low Power Consumption Coils
- Installation Made Easy
- Protective Security Cover





robusta2 Contactor

Global Certification



Conforming IS/IEC60947-4-1, IEC60947-1, IEC60947-4-1 & IEC60947-5-1



Contactor [HSN Code: 8536]

AC1 Duty (A)	AC3 415V Long life			Auxiliary Contacts	Reference	MRP (₹)	MOQ
	kW	HP	A				
25	2.2	3	7	1 NO+1NC	TC1D0711	2730	1
25	4	5.5	9	1 NO+1NC	TC1D0911	3010	
25	5.5	7.5	12	1 NO+1NC	TC1D1211	3020	
32	9	12	18	1 NO+1NC	TC1D1811	3720	
40	11	15	25	1 NO+1NC	TC1D2511	5000	
50	15	20	32	1 NO+1NC	TC1D3211	9330	
50	18.5	25	38	1 NO+1NC	TC1D3811	13520	

Spare Top Housing for 3P Contactors [HSN Code: 8538]

For Contactor	Reference	MRP (₹)	MOQ
TC1D0711	TA5D0711	1820	1
TC1D0911	TA5D0911	1820	
TC1D1211	TA5D1211	1820	
TC1D1811	TA5D1811	2100	
TC1D2511	TA5D2511	2700	
TC1D3211	TA5D3211	5150	
TC1D3811	TA5D3811	7600	

Coil Surge Suppressor [HSN Code: 8538]

Description	Voltage Ratings	Reference	MRP (₹)	MOQ
Varistor (AC/DC) Clip on mounting	12-55V 50/60Hz	TAD4VE	1080	10
	56-136V 50/60Hz	TAD4VF	1080	
	137-277V 50/60Hz	TAD4VU	1080	
	278-575V 50/60Hz	TAD4VN	1080	

Spare AC Coils for Contactor [HSN Code: 8538]

Use for Contactor	Reference	MRP (₹)	MOQ
TC1D07	TX1-D3	1090	1
TC1D09		1090	
TC1D12		1090	
TC1D18		1090	
TC1D25		1090	
TC1D32		1090	
TC1D38		1090	

Mechanical Interlocks-Horizontal Mounted

Use of Contactor	Reference	MRP (₹)	MOQ
TC1D07-TC1D38	LA9-D09978	970	10

robusta2 Contactor Coils

Contactor TC1-D/TX1D3	24V	48V	110V	220V	240V	415V
50 Hz	B5	E5	F5	M5	U5	N5

NOTE: 60Hz, 50/60Hz Coils also available on requests.

Thermal Overload Relay [HSN Code: 8536]

Relay setting range (A)	Standard power ratings of 3-Phase Motors 50/60Hz, AC3 Category		Reference	Suitable for Contactor Rating (Amps)	MRP (₹)	Independent Mounting Kit
	HP	kW				
23-32	20	15	TR2DM32353	32	4945	TA7D3264 MRP ₹590
30-38	30	22	TR2DM38355	38		

NOTE: robusta 2 Thermal Overload Relay reference TR2DM32353 -TR2DM38355 can be mounted directly on robusta2 Contactor without any additional fixing attachment.

How to order:

1. Select applicable Coil Voltage required for Contactor.
2. Complete the code by replacing the ■ from above.
3. For common accessories please refer Page No. 68 & 69.
4. MOQ- Minimum Order Quantity

Exceed M-range Contactor

Conforming IEC60947-1, IEC60947-4-1 & IEC60947-5-1

- Compact size - Single frame upto 16A
- Application flexibility - AC & DC coil
- Front mounted auxiliary contacts
- Compatible with directly mounted Mini OLR
- IP20 guarded terminals



Control Relays - 16 Amps

[HSN Code: 8536]

Rated Current (Ith)	Contact Configuration	With AC Coil			With DC Coil		
		Reference	MRP (₹)	MOQ	Reference	MRP (₹)	MOQ
16	2 NO+2NC	TCA2ME22	2370	10	TCA3ME22	3170	10
	3 NO+1NC	TCA2ME31			TCA3ME31		
	1NO + 3NC	TCA2ME13			TCA3ME13		
	4NO	TCA2ME40			TCA3ME40		
	4NC	TCA2ME04			TCA3ME04		



Power Contactors - 3 Pole

[HSN Code: 8536]

AC1 Duty A	AC3 415V Long Life			Auxiliary Contacts		With AC Coil			Auxiliary Contacts		With DC Coil		
	kW	HP	A			Reference	MRP (₹)	MOQ			Reference	MRP (₹)	MOQ
18	2.2	3	7	1NO -	TC1ME0710	2050	10	1NO -	TP1ME0710	3070	10		
				- 1NC	TC1ME0701			- 1NC	TP1ME0701				
20	4	5.5	9	1NO -	TC1ME0910	2230	10	1NO -	TP1ME0910	3200	10		
				- 1NC	TC1ME0901			- 1NC	TP1ME0901				
22	5.5	7.5	12	1NO -	TC1ME1210	2370	10	1NO -	TP1ME1210	3510	10		
				- 1NC	TC1ME1201			- 1NC	TP1ME1201				
22	7.5	10	16	1NO -	TC1ME1610	2810	10	1NO -	TP1ME1610	3860	10		
				- 1NC	TC1ME1601			- 1NC	TP1ME1601				

■ Please specify Coil Voltage.

Coil Voltage Codes for Mini Contactors & Control Relays

Contactor	Voltage				
	24	48	110	230	415
AC	B	E	F	P	N
DC	BD	ED	-	-	-

Overload Relays for M-Range Contactors - Direct Mounting

[HSN Code: 8536]

Relay Range (Amps)	Reference	MRP (₹)	MOQ
0.28 ~ 0.4A	TR2ME0.4A	2760	1
0.4 ~ 0.63A	TR2ME0.63A		
0.56 ~ 0.8A	TR2ME0.8A		
0.8 ~ 1.2A	TR2ME1.2A		
1.2 ~ 1.8A	TR2ME1.8A		
1.8 ~ 2.8A	TR2ME2.8A		
2.8 ~ 4A	TR2ME4A		
4 ~ 6.3A	TR2ME6.3A		
5.6 ~ 8A	TR2ME8A	3000	1
7 ~ 10A	TR2ME10A		
8 ~ 12.5A	TR2ME12.5A		
10 ~ 15A	TR2ME15A		
11 ~ 17A	TR2ME17A		

Exceed M-range Contactor

Conforming IEC60947-1, IEC60947-4-1 & IEC60947-5-1

ACCESSORIES

[HSN Code: 8538]

Add-On-Block

Contact Configuration		Reference	MRP (₹)	MOQ
Front Mounted	2 NO	TA1FME20	680	10
	1 NO+1 NC	TA1FME11		
	2 NC	TA1FME02		
	4 NO	TA1FME40	1090	
	3 NO+1 NC	TA1FME31		
	2 NO+2 NC	TA1FME22		
	1 NO+3 NC	TA1FME13		
	4 NC	TA1FME04		

Mechanical Interlocks - Front Mounted

[HSN Code: 8538]

Use For Contactor		Reference	MRP (₹)	MOQ
AC	DC			
TC1ME07	TP1ME07	TA978MIME	920	1
TC1ME09	TP1ME09			
TC1ME12	TP1ME12			
TC1ME16	TP1ME16			

Coil Suppressor

[HSN Code: 8538]

Description	Voltage	Reference	MRP (₹)	MOQ
Varistor	12-48V AC/12-60V DC	TA980MESVE	960	10
	50-127V AC/60-180V DC	TA980MESVG		
	130-275V AC/ 80-300V DC	TA980MESVU		
	277-380V AC/300-510V DC	TA980MESVQ		
	400-510V AC	TA980MESVS		

Exceed Contactor

Global Certification | RoHS Compliant

Conforming IEC60947-1, IEC60947-4-1 & IEC60947-5-1

Exceed 3 Pole Power Contactor rating 6A~95A

[HSN Code: 8536]



Size	AC1 Duty A	AC3 415V Long Life			Auxiliary Contacts	With AC Coil		Auxiliary Contacts	With DC Coil		MOQ
		KW	HP	A		Reference	MRP (₹)		Reference	MRP (₹)	
Frame-0	25	2.2	3	6	1NO	TC1D0610E	1860	-	-	-	1
					1NC	TC1D0601E	1860	-	-	-	
		4	5.5	9	1NO	TC1D0910E	2120	1NO	TP1D0910E	3510	
					1NC	TC1D0901E	2120	1NC	TP1D0901E	3510	
		5.5	7.5	12	1NO	TC1D1210E	2300	1NO	TP1D1210E	3820	
					1NC	TC1D1201E	2300	1NC	TP1D1201E	3820	
Frame-1	32	9	12.5	18	1NO	TC1D1810E	2670	1NO	TP1D1810E	4290	
					1NC	TC1D1801E	2670	1NC	TP1D1801E	4290	
Frame-2	40	11	15	25	1NO	TC1D2510E	4110	1NO	TP1D2510E	6230	
					1NC	TC1D2501E	4110	1NC	TP1D2501E	6230	
Frame-3	50	15	20	32	1NO	TC1D3210E	7840	1NO	TP1D3210E	11680	
					1NC	TC1D3201E	7840	1NC	TP1D3201E	11680	
Frame-4	60	22	30	40	1NO+1NC	TC1D4011E	11070	1NO+1NC	TP1D4011E	18730	
					80	1NO+1NC	TC1D5011E	13310	1NO+1NC	TP1D5011E	19680
						37	50	65	1NO+1NC	TC1D6511E	19000
Frame-5	125	45	60	80	1NO+1NC	TC1D8011E	24160	1NO+1NC	TP1D8011E	32740	
					45	60	95	1NO+1NC	TC1D9511E	32140	1NO+1NC

Exceed 4 Pole Power Contactor rating 12A~95A

[HSN Code: 8536]

AC1 Duty A	Main Pole Configuration		Reference	MRP (₹)	MOQ
25	4NO	--	TC1D12004E	2580	5
	2NO	2NC	TC1D12008E	3260	
32	4NO	--	TC1D18004E	3470	
40	4NO	--	TC1D25004E	4360	
	2NO	2NC	TC1D25008E	6440	
60	4NO	--	TC1D40004E	11750	
	2NO	2NC	TC1D40008E	18550	
80	4NO	--	TC1D50004E	14850	
	2NO	2NC	TC1D50008E	20010	
	4NO	--	TC1D65004E	19100	
	2NO	2NC	TC1D65008E	22010	
125	4NO	--	TC1D80004E	24470	
	2NO	2NC	TC1D80008E	30020	
	4NO	--	TC1D95004E	30500	
	2NO	2NC	TC1D95008E	36550	

Wide band Coil available in 50 Hz only ■ Non-Standard coil Extra MRP @ ₹300 per contactor
 Note: Stock for accessories are subject to availability

AC Coil Voltage Codes for Contactors 9A-95A & Control Relays

Contactor	Voltage					
	24	48	110	220	240	415
TC1-D						
50Hz	B5	E5	F5	M5	U5	N5
50/60Hz	B7	E7	F7	M7	U7	N7

DC Coil Voltage Codes for Contactors 9A-95A & Control Relays

Contactor	Voltage				
	24	48	72	110	220
TP1-D					
Normal Coil	BD	ED	SD	FD	MD
Wide band Coil#	BW	EW	-	FW	-

- NOTE:**
1. Add Suffix ■ Coil voltage to complete product code
 2. 22A, 38A & 45A current ratings also available on request. (MOQ - 50 Nos.)
 3. For add-on accessories and spare coil refer Page No. 68 & 69.
 4. BIS (§) available on selected ratings.



Exceed Contactor

Conforming IEC60947-1, IEC60947-4-1 & IEC60947-5-1

Exceed Contactor 3 Pole: Rating 115 A- 630A

[HSN Code: 8536]

AC1 Duty A	AC3 415V Long Life			With AC Coil		With DC Coil		MOQ
	kW	HP	A	Reference	MRP (₹)	Reference	MRP (₹)	
200	59	80	115	LC1FDP115AE ■	36190	LC1FDP115AE ■	43420	5
250	80	108	150	LC1FDP150AE ■	50030	LC1FDP150AE ■	60050	
275	100	136	185	LC1FDP185AE ■	58030	LC1FDP185AE ■	69650	
315	110	148	225	LC1FDP225AE ■	65610	LC1FDP225AE ■	78740	
350	140	190	265	LC1FDP265AE ■	78100	LC1FDP265AE ■	93710	
400	180	240	330	LC1FDP330AE ■	97550	LC1FDP330AE ■	117070	
500	220	300	400	LC1FDP400AE ■	114940	LC1FDP400AE ■	137940	
700	280	380	500	LC1FDP500AE ■	162700	LC1FDP500AE ■	195240	
1000	375	500	630	LC1FDP630AE ■	237960	LC1FDP630AE ■	285570	

Exceed Contactors 4 Pole: Rating AC1 200A ~ 1000A

[HSN Code: 8536]

AC1 Duty A	Main Pole Configuration	With AC Coil		With DC Coil		MOQ
		Reference	MRP (₹)	Reference	MRP (₹)	
200	4 NO	LC1FDP1154AE ■	44540	LC1FDP1154AE ■	POR	5
250	4 NO	LC1FDP1504AE ■	55610	LC1FDP1504AE ■		
275	4 NO	LC1FDP1854AE ■	82080	LC1FDP1854AE ■		
315	4 NO	LC1FDP2254AE ■	83120	LC1FDP2254AE ■		
350	4 NO	LC1FDP2654AE ■	90480	LC1FDP2654AE ■		
400	4 NO	LC1FDP3304AE ■	110110	LC1FDP3304AE ■		
500	4 NO	LC1FDP4004AE ■	142000	LC1FDP4004AE ■		
700	4 NO	LC1FDP5004AE ■	170380	LC1FDP5004AE ■		
1000	4 NO	LC1FDP6304AE ■	336970	LC1FDP6304AE ■		

AC Coil Voltage Codes for Contactors 115A-780A

Contactor	Voltage			
	110	220	240	415
LC1FDP115-225 50Hz	F5	M5	U5	N5
LC1FDP265-780 50/60Hz	F7	M7	U7	N7

DC Coil Voltage Codes for Contactors 115A-780A

Contactor	Voltage			
	24#	48	110	220
LC1FDP	BD	ED	FD	MD

Not available for LCFDP630A



robust^a Power Contactors

Global Certification



Conforming IEC60947-1, IEC60947-4-1 & IEC60947-5-1



Control Relays - 10 Amps [HSN Code: 8536]

Rated Current(Ie) AC15 at 240V (Amps)	Contact Configuration	With AC Coil		With DC Coil		
		Reference	MRP (₹)	Reference	MRP (₹)	MOQ
10	2NO + 2NC	TCA2DN22	2810	TCA3DN22	4370	10
	3NO + 1NC	TCA2DN31		TCA3DN31		
	4NO	TCA2DN40		TCA3DN40		



Power Contactors 3 Pole : Rating 9A ~ 95A [HSN Code: 8536]

Size	AC1 Duty A	AC3 415V Long Life			Auxiliary Contacts		With AC Coil		Auxiliary Contacts		With DC Coil		MOQ			
		kW	HP	A			Reference	MRP (₹)			Reference	MRP (₹)				
Frame-0	25	4	5.5	9	1NO	-	TC1D0910	2610	1NO	-	TP1D0910	4090	1			
					-	1NC	TC1D0901	2610	-	1NC	TP1D0901	4090				
		5.5	7.5	12	1NO	-	TC1D1210	2770	1NO	-	TP1D1210	4540				
					-	1NC	TC1D1201	2770	-	1NC	TP1D1201	4540				
Frame-1	32	9	12.5	18	1NO	-	TC1D1810	3660	1NO	-	TP1D1810	5170				
					-	1NC	TC1D1801	3660	-	1NC	TP1D1801	5170				
		11	15	22	1NO	-	TC1D2210	4260	1NO	-	TP1D2210	6620				
					-	1NC	TC1D2201	4260	-	1NC	TP1D2201	6620				
Frame-2	40	11	15	25	1NO	-	TC1D2510	4680	1NO	-	TP1D2510	7800				
					-	1NC	TC1D2501	4680	-	1NC	TP1D2501	7800				
		50	18.5	25	40	1NO	-	TC1D4010	12070	1NO	-	TP1D4010	POR			
						-	1NC	TC1D4001	12070	-	1NC	TP1D4001	POR			
Frame-3	50	15	20	32	1NO	-	TC1D3210	8450	1NO	-	TP1D3210	13290				
					-	1NC	TC1D3201	8450	-	1NC	TP1D3201	13290				
		18.5	25	38	1NO	-	TC1D3810	13450	1NO	-	TP1D3810	17070				
					-	1NC	TC1D3801	13450	-	1NC	TP1D3801	17070				
Frame-4	60	22	30	40	1NO	1NC	TC1D4011	14330	1NO	1NC	TP1D4011	18560				
					1NO	1NC	TC1D4511	16960	1NO	1NC	TP1D4511	22120				
		80	25	35	50	1NO	1NC	TC1D5011	17410	1NO	1NC	TP1D5011	23450			
						1NO	1NC	TC1D6511	20900	1NO	1NC	TP1D6511	25110			
Frame-5	100	37	50	70	1NO	1NC	TC1D7011	23940	1NO	1NC	TP1D7011	29210				
					125	45	60	80	1NO	1NC	TC1D8011	29210	1NO	1NC	TP1D8011	34820
									45	60	95	1NO	1NC	TC1D9511	36240	1NO

AC Coil Voltage Codes for Contactors 9A-95A & Control Relays

Contactor	Voltage					
	24	48	110	220	240	415
TCA2-DN/TC1-D						
50Hz	B5	E5	F5	M5	U5	N5
50/60Hz	B7	E7	F7	M7	U7	N7

DC Coil Voltage Codes for Contactors 9A-95A & Control Relays

Contactor	Voltage				
	24	48	72	110	220
TCA3-DN/TP1-D					
Normal Coil	BD	ED	SD	FD	MD
Wide band Coil#	BW	EW	-	FW	-

Wide band Coil available in 50 Hz only

NOTE: Stock for accessories are subject to availability ■ Non-Standard coil Extra MRP @ ₹ 300 per contactor
BIS (§) is available on selective ratings.



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Conforming IEC60947-1 & IEC60947-4-1

Power Contactors 4 Pole : Rating AC1 25A ~ 125A

[HSN Code: 8536]



AC1 Duty A	AC1 Duty A	Main Pole Configuration		With AC Coil		With DC Coil		MOQ
				Reference	MRP (₹)	Reference	MRP (₹)	
Frame 1	25	4NO	--	TC1D12004	2950	TP1D12004	5780	1
		2NO	2NC	TC1D12008	3610	TP1D12008	7260	
	32	4NO	--	TC1D18004	3850	-	-	
Frame 2	40	4NO	--	TC1D25004	5680	TP1D25004	11130	
		2NO	2NC	TC1D25008	7020	TP1D25008	13940	
Frame 3	60	4NO	--	TC1D40004	15100	TP1D40004	19900	
		2NO	2NC	TC1D40008	19670	TP1D40008	29650	
	80	4NO	--	TC1D50004	18860	-	-	
		2NO	2NC	TC1D50008	23820	-	-	
		4NO	--	TC1D65004	21540	TP1D65004	31790	
	100	2NO	2NC	TC1D65008	25080	TP1D65008	40260	
		4NO	--	TC1D70004	25350	TP1D70004	38270	
		125	4NO	--	TC1D80004	31650	TP1D80004	41730
			2NO	2NC	TC1D80008	37600	TP1D80008	46670
	4NO		--	TC1D95004	39810	TP1D95004	44470	
2NO	2NC		TC1D95008	40330	TP1D95008	48240		

Power Contactors 4 Pole 4NC : Rating 9A ~ 25A

[HSN Code: 8536]

Size	AC1 Duty A	AC3 415 V Long Life			With AC Coil		MRP (₹)	MOQ
		KW	HP	A	Reference			
Frame 1	25	4	5.5	9	TC1D09006	3320	10	
		5.5	7.5	12	TC1D12006	6160		
Frame 2	40	11	15	25	TC1D25006	6850		

AC Coil Voltage Codes for Contactors 9A-95A & Control Relays

Contactor	Voltage					
	24	48	110	220	240	415
TCA2-DN/TC1-D						
50Hz	B5	E5	F5	M5	U5	N5
50/60Hz	B7	E7	F7	M7	U7	N7

DC Coil Voltage Codes for Contactors 9A-95A & Control Relays

Contactor	Voltage					
	24	48	72	110	220	
TCA3-DN/TP1-D						
Normal Coil	BD	ED	SD	FD	MD	
Wide band Coil#	BW	EW	-	FW	-	

- NOTE:** 1. Add Suffix ■ Coil voltage to complete product code
 2. 22A, 38A & 45A current ratings also available on request. (MOQ - 50 Nos.)
 3. For add-on accessories and spare coil refer Page No. 68 & 69.

Wide band Coil available in 50 Hz only

Note: Stock for accessories are subject to availability

■ Non-Standard coil Extra MRP @ ₹ 300 per contactor

robustA Power Contactors

Conforming IEC60947-1 & IEC60947-4-1



Power Contactors 3 Pole : 115~160A AC3 [HSN Code: 8536]

AC1 Duty A	AC3 415 V Long Life			Auxiliary contacts		With AC Coil		MOQ
	kW	HP	A			Reference	MRP (₹)	
200A	55	73	115	1NO	1NC	TC1D115116■*	41690	1
	55	73	115	1NO	1NC	TC1D115111■*	42070	
	55	73	120	1NO	1NC	TC1D120116■*	42930	
	55	73	120	1NO	1NC	TC1D120111■*	43510	
	75	101	150	1NO	1NC	TC1D150116■*	52840	
	75	101	150	1NO	1NC	TC1D150111■*	53670	
	75	101	160	1NO	1NC	TC1D160116■*	54800	
	75	101	160	1NO	1NC	TC1D160111■*	55320	

Power Contactors 4 Pole: Rating AC1 200A [HSN Code: 8536]

AC1 Duty A	Main Pole Configuration		With AC Coil		MOQ
			Reference	MRP (₹)	
200A	4NO	--	TC1D115004■*	POR	1
	4NO	--	TC1D1150046■*		
	4NO	--	TC1D150004■*		
	4NO	--	TC1D1500046■*		

* Busbar connection * Cable connection

AC Coil Voltage

Contactor	Voltage			
		110	24	220
50Hz	F5	B5	M5	N5

NOTE: 60Hz Coil is also available on request.



robusta Power Contactors

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Conforming IEC60947-1 & IEC60947-4-1

Power Contactors with Dust Cover 3 Pole

[HSN Code: 8536]



AC1 Duty A	AC3 Long Life			With AC Coil		With DC Coil		MOQ
	kW	HP	A	Reference	MRP (₹)	Reference	MRP (₹)	
200	59	80	115	LC1FDP115A	41010	LC1FDP115A	48230	1
250	80	108	150	LC1FDP150A	56910	LC1FDP150A	70060	
275	100	136	185	LC1FDP185A	66750	LC1FDP185A	85810	
275	105	140	200	LC1FDP200A	72980	LC1FDP200A	86490	
315	110	148	225	LC1FDP225A	75760	LC1FDP225A	94350	
350	140	190	265	LC1FDP265A	92960	LC1FDP265A	101230	
400	150	200	300	LC1FDP300A	101300	LC1FDP300A	119320	
400	180	240	330	LC1FDP330A	119480	LC1FDP330A	133830	
500	220	300	400	LC1FDP400A	129640	LC1FDP400A	160340	
600	240	320	460	LC1FDP460A	170070	-	-	
700	280	380	500	LC1FDP500A	199780	LC1FDP500A	193780	
800	355	430	580	LC1FDP580A	204260	-	-	
1000	375	500	630	LC1FDP630A	265100	LC1FDP630A	297450	
1600	425	580	780	LC1FDP780A	POR	LC1FDP780A	POR	
1000	450	610	800	LC1FDP800A	POR	LC1FDP800A*	POR	

- Power Contactors with dust cover 2 Pole variants available on requests
- Power Contactors with dust cover rating 115-800A are supplied factory assembled complete with No-Volt Coil and auxiliary contact block 2NO+2NC.
- *For DC supply, Bypass rectifier and connect DC supply directly to coil terminals A1-A2

Hoisting Power Contactors with dust cover 3 Pole: Rating 115A ~ 630A

[HSN Code: 8536]

AC1 Duty A	AC3 415 V Long Life			With AC Coil		MOQ
	kW	HP	A	Reference	MRP (₹)	
200	59	80	115	LC1FDP115HCA	POR	1
250	80	110	150	LC1FDP150HCA		
275	100	135	185	LC1FDP185HCA		
315	110	150	225	LC1FDP225HCA		
350	140	190	265	LC1FDP265HCA		
400	150	200	300	LC1FDP300HCA		
400	180	220	330	LC1FDP330HCA		
500	220	300	400	LC1FDP400HCA		
700	280	380	500	LC1FDP500HCA		
1000	375	500	630	LC1FDP630HCA		

Power Contactors with dust cover 4 Pole : Rating AC1 200A ~ 1600A

[HSN Code: 8536]

AC1 Duty A	Main Pole Configuration	With AC Coil		With DC Coil		MOQ
		Reference	MRP (₹)	Reference	MRP (₹)	
200	4 NO	LC1FDP1154	50720	LC1FDP1154	68060	1
250	4 NO	LC1FDP1504n	62090	LC1FDP1504	88720	
275	4 NO	LC1FDP1854	95960	LC1FDP1854	121820	
315	4 NO	LC1FDP2254	95550	LC1FDP2254	116970	
350	4 NO	LC1FDP2654	106250	LC1FDP2654	133240	
400	4 NO	LC1FDP3304	128840	LC1FDP3304	167510	
500	4 NO	LC1FDP4004	167840	LC1FDP4004	200700	
700	4 NO	LC1FDPM5004	203330	LC1FDPM5004	241910	
1000	4 NO	LC1FDP6304	392300	LC1FDP6304	405120	
1600	4 NO	LC1FDP7804	POR	LC1FDP7804	POR	

AC Coil Voltage Codes for Contactors 115A-780A

DC Coil Voltage Codes for Contactors 115A-780A

Contactor	Voltage			
	110	220	240	415
LC1FDP115-225 50Hz	F5	M5	U5	N5
LC1FDP265-780 50/60Hz	F7	M7	U7	N7

Contactor	Voltage			
	24#	48	110	220
LC1FDP	BD	ED	FD	MD

Not available for LC1FDP630 & LC1FDP780

♦ Not Available for LC1FDP780

■ Non-Standard coil available on request, Extra MRP@ ₹ 1270 each per Contactor rating 115-780A

Minimum Order Qty. for Hoisting Power Contactors will be 10 Nos.

4 Pole Power Contactors with dust cover rating AC1 200-1600A are supplied factory assembled complete without Coil and auxiliary contact block 2NO+2NC.

Coil Voltage Codes for Contactor 800A

Contactor	Voltage		
	110/127	220/240	380/400
LC1-FDP - AC	FW*	MW*	QW**
LC1-FDP-DC	FW	MW	QW

*With rectifier DRTE4U **With rectifier DRTE4S

Capacitor Duty Contactors 3 Pole, AC

Global Certification



Conforming IEC60947-1 & IEC60947-4-1

Contactors

[HSN Code: 8536]



Size	kVAR Rating	Auxiliary Contacts	Reference	MRP (₹)	MOQ	
Frame 1	2	1NO	TC1D02K10 ■	POR	1	
		1NC	TC1D02K01 ■			
	5	1NO	TC1D05K10 ■			
		1NC	TC1D05K01 ■			
	7	1NO+1NC	TC1D07K11 ■	4940		
		2NC	TC1D07K02 ■	4940		
	10	1NO+1NC	TC1D10K11 ■	4940		
		2NC	TC1D10K02 ■	4940		
	12.5	1NO+1NC	TC1D12K11 ■	5310		
		2NC	TC1D12K02 ■	5310		
	16.7	1NO+1NC	TC1D16K11 ■	7500		
		2NC	TC1D16K02 ■	7500		
	Frame 2	20	1NO+1NC	TC1D20K11 ■		9210
			2NC	TC1D20K02 ■		9210
25		1NO+1NC	TC1D25K11 ■	10070		
		2NC	TC1D25K02 ■	10070		
Frame 3	33.3	1NO+2NC	TC1D33K12 ■	18090		
	40	1NO+2NC	TC1D40K12 ■	26540		
	50	1 NO+2NC	TC1D50K12 ■	27350		
	60	1NO+2NC	TC1D60K12 ■	31330		
	75	1NO+2NC	TC1D75K12 ■	41310		
	80	1NO+2NC	TC1D80K12 ■	43240		
	100	1NO+2NC	TC1D100K12 ■	44310		

AC Coil Voltage robusTa Capacitor Duty Contactors

Contactor	Voltage				
	24	110	220	240	415
TC1-D**K					
50Hz	B5	F5	M5	U5	N5
50/60Hz	B7	F7	M7	U7	N7

* Available upto 25kVAR only.

How to order:

- i) Select applicable Coil Voltage required for Contactor.
- ii) Complete the code by replacing the ■
- iii) To order additional Auxiliary Block, Timers and other accessories, please refer Page No. 68 & 69.
- iv) Wide band coils are not applicable for capacitor duty contactors.



robusta Overload Relay

Global Certification

Conforming IEC60947-1, IEC60947-4-1 & IEC60947-5-1

Thermal Overload Relays Direct Mounting Trip class 10

[HSN Code: 8536]

Relay Setting Range (Amps)	Standard Power Rating for 3 Ph. Motor at 415V		Reference	Suitable for Contactor Rating (Amps)	MRP (₹)	Independent Mounting Kit	MOQ	
	HP	kW						
Direct Mounting								
0.10-0.16	*	*	<input checked="" type="checkbox"/> TR2D09301	9	2840	TA7-D0964 MRP ₹ 525 [HSN Code: 8538]	1	
0.16-0.25	*	*	<input checked="" type="checkbox"/> TR2D09302		2840			
0.25-0.40	*	*	TR2D09303		2840			
0.40-0.63	*	*	TR2D09304		2840			
0.63-1.00	0.5	0.37	TR2D09305		2840			
1.0-1.60	0.75	0.55	TR2D09306		2840			
1.25-2.00	1	0.75	TR2D093X6		2840			
1.60-2.50	1.5	1.1	TR2D09307		2840			
2.50-4.00	2	1.5	TR2D09308		2840			
4.0-6.00	3	2.2	TR2D09310		2840			
5.50-8.00	5	3.7	TR2D09312		2840			
7.0-10.0	5.5	4	TR2D09314		2840			
9.0-13.0	7.5	5.5	TR2D12316		12			2840
9.0-14.0	7.5	5.5	TR2D12316X		12			2840
12.0-18.0	12	9	TR2D18321		18			3430
14.0-22.0	12	9	TR2D18321X		18			3430
17.0-25.0	15	11	TR2D25322	25	3430			
23.0-32.0	20	15	TR2D32353	32	4900	TA7-D3264 MRP ₹ 670 [HSN Code: 8538]		
28.0-36.0	25	18	TR2D32355		4900			
23.0-32.0	20	15	TR2D40353	40	5320	TA7-D4064 MRP ₹ 2425 [HSN Code: 8538]		
30.0-40.0	30	22	TR2D40355		5320			
37.0-50.0	35	25	TR2D65357	50	6870			
48.0-65.0	40	30	TR2D65359	65	8820			
55.0-70.0	50	37	TR2D65361		8820			
63.0-80.0	60	45	TR2D80363	80	9730			
80.0-93.0	65	49	TR2D95365	95	9820			
Independent Mounting								
65-105	75	55	LR1F105	-	17310	-	1	
80-125	80	59	LR1F125		17310			
100-160	110	80	LR1F160		17310			
125-200	135	100	LR1F200		17310			
160-250	175	129	LR1F250		17310			
200-315	220	160	<input checked="" type="checkbox"/> LR1F315		22180			
250-400	270	200	<input checked="" type="checkbox"/> LR1F400		22180			
315-500	350	257	<input checked="" type="checkbox"/> LR1F500		22180			
400-630	480	355	<input checked="" type="checkbox"/> LR1F630		22180			
500-800	580	425	<input checked="" type="checkbox"/> LR1F800		63530			
630-1000	680	500	<input checked="" type="checkbox"/> LR1F1000		63530			

Thermal Overload Relays Protective Shroud for LR1-F105-630 [HSN Code: 8538]

Relay Type	Reference	MRP (₹)	MOQ
LR1-F105	<input checked="" type="checkbox"/> LA9F702	3440	1
LR1-F125		3440	
LR1-F160		3440	
LR1-F200		3440	
LR1-F250	LA9F703	4550	
LR1-F315		4550	
LR1-F400		4550	
LR1-F500		4550	
LR1-F630	LA9F704	4900	
LR1-F800		4900	

Heavy Duty Overload Relays Independent Mounting Trip class 30 [HSN Code: 8536]

Relay Setting Range (Amps)	Reference	MRP (₹)	MOQ
2.5-4.0	TR6F4	22230	1
4.0-6.3	TR6F6.3	22230	
6.3-10	TR6F10	22230	
8.0-12.5	TR6F12.5	22230	
10-16	TR6F16	22230	
16-25	TR6F25	22230	
25-40	<input checked="" type="checkbox"/> TR6F40	22230	
40-63	<input checked="" type="checkbox"/> TR6F63	22230	
63-100	<input checked="" type="checkbox"/> TR6F100	22230	
100-160	<input checked="" type="checkbox"/> TR6F160	22230	
125-200	<input checked="" type="checkbox"/> TR6F200	22230	
160-250	<input checked="" type="checkbox"/> TR6F250	22230	
250-400	<input checked="" type="checkbox"/> TR6F400	22230	

Accessories for robuTa & Exceed Contactors

Add-On Block for Contactor Rating 9A-800A [HSN Code: 8538]



Contact Configuration		Reference	MRP (₹)	MOQ	
Front Mounted	1 NO	TA1DN10*	340	10	
	1 NC	TA1DN01*			
	2 NO	TA1DN20			
	1 NO+1 NC	2 NC	TA1DN02	700	20
		4 NO	TA1DN40		
		3 NO+1 NC	TA1DN31		
		2 NO+2 NC	TA1DN22		
		1 NO+3 NC	TA1DN13		
	Side Mounted	4 NC	TA1DN04	1140	20
1 NO+1 NC		TA8DN11**			
2 NO		TA8DN20**			

* Suitable for Contactor rating 25-95A only. * 25A-40A, 1 Nos can be fitted & for 40-95A, 2 Nos.can be fitted.

** Suitable for Contactor rating 9-95A only & can be used for TC1-D115-160A

Mechanical Interlocks - Horizontal Mounted [HSN Code: 8538]

Contact Configuration		Reference	MRP (₹)	MOQ
AC	DC			
TC1D09	TP1D09	LA9-D09978	970	10
TC1D12	TP1D12			
TC1D18	TP1D18			
TC1D25	TP1D25			
TC1D32	TP1D32			
TC1D40	TP1D40	LA9-D50978	2380	10
TC1D50	TP1D50			
TC1D65	TP1D65			
TC1D70	TP1D70	LA9-D80978	3110	10
TC1D80	TP1D80			
TC1D95	TP1D95			

Coil Surge Suppressor for Contactor 9-95A [HSN Code: 8538]

Description	Voltage Ratings	Reference	MRP (₹)	MOQ
Varistor (AC/DC) Clip-on mounting	24-48VAC/DC	TA9AMOV980E	920	10
	110-240V AC/DC	TA9AMOV980U		
	70-150V AC/DC	TA9AMOV980F		
RC Circuit (AC) Clip-on mounting	24-48V AC	TA9RC980E	920	10
	110-240V AC	TA9RC980U		
	380-440V AC	TA9RC980N		

***Coil Surge Suppressor - Contactor 115-630A**

Description	Reference	MRP (₹)	MOQ
Coil Surge Suppressor for LC1FDP115-630A (3P/4P)	LA9F980(BR)*	4020	5

* Common for Exceed & Robusta Contactors. * Only for 220V AC



Pneumatic Timer Block - Front Mounted [HSN Code: 8538]

Contact Configuration		Reference	MRP (₹)	MOQ
ON delay	1 NO+1 NC	TA2DT0	3480	10
ON delay	1 NO+1 NC	TA2DT2		
ON delay	1 NO+1 NC	TA2DT4		
OFF delay	1 NO+1 NC	TA3DR0		
OFF delay	1 NO+1 NC	TA3DR2		
OFF delay	1 NO+1 NC	TA3DR4		
Star Delta	1 NO+1 NC	TA2DS2		

Electrical & Mechanical Interlocks-Horizontal Mounted

Use for Contactor		Reference*	MRP (₹)	MOQ
AC	DC			
TC1D09	TP1D09	ELA9-D09978	1100	10
TC1D12	TP1D12			
TC1D18	TP1D18			
TC1D25	TP1D25			
TC1D32	TP1D32			
TC1D40	TP1D40	ELA9-D50978	2460	10
TC1D50	TP1D50			
TC1D65	TP1D65			
TC1D80	TP1D80	ELA9-D80978	3200	10
TC1D95	TP1D95			



Spare AC Coils Control Relay & Contactor 9A-95A

Use for Contactor AC	Reference	MRP (₹)	MOQ
TCA2DN	TX1-D2 ■	1010	20
TC1D09			
TC1D12			
TC1D18			
TC1D25	TX1-D4 ■	1230	10
TC1D32			
TC1D40			
TC1D50	TX1-D6 ■	3220	10
TC1D63			
TC1D80			
TC1D95			

■ Please specify Coil Voltage

Spare DC Coils Control Relay & Contactor 9A-95A

Use for Contactor DC	Reference		MRP (₹)	MOQ
	Normal	Wideband		
TCA3DN	TX4D2 ■	TX5D2 ■	1650	1
TP1D09				
TP1D12				
TP1D18				
TP1D25	TX4D4 ■	TX5D4 ■	1820	1
TP1D32				
TP1D40				
TP1D50	TX4D40 ■	TX5D40 ■	4220	1
TP1D65				
TP1D80	TX4D80 ■	TX5D80 ■	8840	1
TP1D95				

Spare AC Coils for Hoisting Power Contactor

Contactor	110V	220V	240V	415V	MRP (₹)
LC1FDP115HCA	LX9FF110V	LX9FF220V	LX9FF240V	LX9FF415V	6970
LC1FDP150HCA					
LC1FDP185HCA	LX9FG110V	LX9FG220V	LX9FG240V	LX9FG415V	10180
LC1FDP225HCA					
LC1FDP265HCA	LX9FH1102V	LX9FH2202V	LX9FH2402V	-	11120
LC1FDP330HCA					
LC1FDP400HCA	LX9FJ925	LX9FJ931	LX9FJ932	LX9FJ936	22540
LC1FDP500HCA	LX9FK925	LX9FK931	LX9FK932	LX9FK936	38100
LC1FDP630HCA	LX9FL924	LX9FL930	LX9FL931	LX9FL936	38520

Spare AC Coils for Contactors Rating 115-800A

Contactor	110V	220V	240V	415V	MRP (₹)
LC1FDP115A	LX1FF-110V	LX1FF-220V	LX1FF-240V	LX1FF-415V	5270
LC1FDP150A					
LC1FDP185A	LX1FG-110V	LX1FG-220V	LX1FG-240V	LX1FG-415V	9500
LC1FDP200A					
LC1FDP225A					
LC1FDP265A	LX1FH-1102V	LX1FH-2202V	LX1FH-2402V	LX1FH-4152V	11120
LC1FDP300A					
LC1FDP330A					
LC1FDP400A	LX1FJ-110V	LX1FJ-220V	LX1FJ-240V	LX1FJ-415V	14770
LC1FDP500A	LX1FK-110V	LX1FK-220V	LX1FK-240V	LX1FK-415V	35180
LC1FDP630A	LX1FL-110V	LX1FL-220V	LX1FL-240V	LX1FL-415V	35790
LC1FDP780A	LX1FX-110V	LX1FX-220V	LX1FX-240V	LX1FX-415V	85550
LC1FDP800A	LX4F8FWAC	LX4F8MWAC	LX4F8MWAC	LX4F8QWAC*	37540

D Range Contactors & Overload Relays Global Certification



Conforming IEC60947-1, IEC60947-4-1 & IEC60947-5-1

Control Relays 10 Amps [HSN Code: 8536]

Contact Configuration	A.C. Reference	MRP (₹)	MOQ
2NO+2NC	CA2DN1229 ■	2500	1
3NO+1NC	CA2DN1319 ■		
4NO	CA2DN140 ■		

■ Please specify Coil Voltage

Power Contactors - 3 Pole, AC [HSN Code: 8536]



Size	AC1 Duty A	AC3 415V Long Life			Auxiliary Contacts		Reference	MRP (₹)	MOQ
		KW	HP	A					
Frame-1	25	4	5.5	9	1NO	-	LC1D093 ■	2500	1
					-	1NC	LC1D099 ■	2500	
	25	5.5	7.5	12	1NO	-	LC1D123 ■	2800	
					-	1NC	LC1D129 ■	2800	
Frame-2	32	9	12.5	16	1NO	-	LC1D173 ■	3280	
					-	1NC	LC1D179 ■	3280	
	32	11	15	22	1NO	-	LC1D223 ■	3800	
					-	1NC	LC1D229 ■	3800	
Frame-3	40	11	15	25	1NO	-	LC1D253 ■	4600	
					-	1NC	LC1D259 ■	4600	
Frame-4	50	15	20	32	1NO	-	LC1D323 ■	8650	
					-	1NC	LC1D329 ■	8650	
Frame-5	60	22	30	40	1NO	1NC	LC1D403 ■	12670	
	80	25	35	50	1NO	1NC	LC1D503 ■	15210	
	80	37	50	63	1NO	1NC	LC1D633 ■	21440	
Frame-6	125	45	60	80	1NO	1NC	LC1D803 ■	29260	



Thermal Overload Relays Type LR1-Direct Mounting with trip class-10

Relay Setting Range A	Std. Power Rating for 3 Phase Motor at 415V		Reference#	MRP (₹)	Independent Mounting Kit	MOQ	
	HP	KW					
0.10-0.16	*	*	LR1D09301	2960	Reference LA7-D0964 MRP ₹ 480 [HSN Code: 8538]	10	
0.16-0.25	*	*	LR1D09302				
0.25-0.40	*	*	LR1D09303				
0.40-0.63	*	*	LR1D09304				
0.63-1.00	0.5	0.37	LR1D09305				
1.00-1.60	0.75	0.55	LR1D09306				
1.60-2.50	1.5	1.10	LR1D09307				
2.50-4.00	2.00	1.50	LR1D09308				
4.00-6.00	3.00	2.20	LR1D09310				
5.50-8.00	5.00	3.70	LR1D09312				
7.00-10.0	5.50	4.00	LR1D09314				
10.0-13.0	7.50	5.50	LR1D12316				
13.0-18.0	12.00	9.00	LR1D16321				3540
18.0-25.0	15.00	11.00	LR1D25322				
23.0-32.0	20.00	15.00	LR1D32353	5090	Reference LA7-D4054 MRP ₹ 910 [HSN Code: 8538]		
28.0-40.0	20.00	15.00	LR1D32355				
23.0-32.0	20.00	15.00	LR1D40353				
30.0-40.0	30.00	22.00	LR1D40355				
38.0-50.0	35.00	25.00	LR1D63357				
48.0-57.0	40.00	30.00	LR1D63359				
57.0-66.0	50.00	37.00	LR1D63361	10120			

* There is no standard power rating for these motors. Select the overload relay in relation to the full load current.

Consisting of 1 NO+1 NC make before break contacts.

AC Coil Voltage Codes for D Range Contactors (Non-Standard)

Contactor	Voltage		
	42	360	380
LC1-D	D	UW	Q

For Non-Standard Coil Voltage, please add ₹ 300/- in the MRP.

[HSN Code: 8536]

Thermal OLR Type LR1-Independent Mounting

Relay Setting Range A	Std. Power Rating for 3 Phase Motor at 415V		Reference	MRP (₹)	MOQ
	HP	KW			
66.0 to 80.0	60	45	LR1-D80363	10070	1

AC Coil Voltage Codes for D Range Contactors (Standard)

Contactor	Voltage					
	24	48	110*	220*	240*	415*
LC1-D	B	E	F	M	U	N

* Coils also available in wide band. * Stock for accessories are subject to availability

Accessories

Global Certification



Add-on-Blocks for D Range Contactors

[HSN Code: 8538]

Contactor			Reference	MRP (₹)	MOQ
Additional Instantaneous Aux.Contact Blocks	Front Mounted	2 NO	LA1D20	700	20
		1 NO+1 NC	LA1D11		
		2 NC	LA1D02		
		4 NO	LA1D40	1060	
		3 NO+1 NC	LA1D31		
		2 NO+2 NC	LA1D22		
		1 NO+3 NC	LA1D13		
			4 NC	LA1D04	
Overlapping Aux. Contacts	Front Mounted	2 NO+2 NC	LA1D1111#	1510	10

D Range Mechanical Interlocks Horizontally Mounted

[HSN Code: 8538]

Use for Contactor AC	Reference	MRP (₹)	MOQ
LC1D09	LA9D09978	970	10
LC1D12			
LC1D17			
LC1D22			
LC1D25			
LC1D32			
LC1D40	LA9D50978	2380	
LC1D50			
LC1D63			
LC1D80	LA9D80978	3110	

■ Please specify Coil Voltage by indicating the Coil Voltage required.

** Spare Moulded Base for these Coils has Product code LA7-D40 and unit price is ₹280

Coil Suppressor

[HSN Code: 8538]

Description	Reference	MRP (₹)	MOQ
For mounting across coil of contactor upto 80Amp, with C network suitable for <250V AC & <400V AC	LA9-D09980	1060	10



Add-on Starting Switch

NO starting Switch suitable for direct mounting on Control Relays & Contactors	LA9-D09906	360	10
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Mechanical Latching Blocks

Description for Contractors/Control Relays Type	Reference	MRP (₹)	MOQ
CA2-DN1 LC1-D09, LC1-D12 LC1-D17, LC1-D25, LC1-D32	LA6-DK01 ■	4270	10

■ Replace by voltage code

AC Coil Voltage Codes (Standard)

For Mechanical Latching Block	Voltage							
	24	48	72	110	220	240	380	415/440
LA6-DK01	B	E	EN	F	M	U	Q	N

* Stock for accessories are subject to availability



Contactors - 4 Pole & 2 Pole, AC

Global Certification  **RoHS**
Compliant

Conforming IEC60947-1, IEC60947-4-1



Contactors - 2 Pole AC [HSN Code: 8536]

AC1 Duty	AC3 220V AC		Reference	MRP (₹)	MOQ
	A				
32	20		AC2D202	2390	2
40	25		AC2D252	3610	
40	40		AC2D402	4940	

■ Please specify Coil Voltage.

AC Coil Voltage Codes (Standard) for 2 Pole Contactors

Contactor 2P	Voltage		
	220*	220/240*	380 / 415*
AC2-D2/D3/D4	M5W	MU	QN

* Wide band Coils ■ Please specify Coil Voltage.

Spare Coil for 2 Pole Contactors [HSN Code: 8538]

Reference	Coil Voltage	MRP (₹)	MOQ
AX1D2 MU	220/240V, 50Hz	670	5
AX1D2 M	220V, 50Hz		
AX1D2 QN	380/415V, 50Hz		
AX1D2 N	415V, 50Hz		

Add-on-Blocks for 2 Pole Contactors [HSN Code: 8536]

Description	Contact Configuration	Reference	MRP (₹)	MOQ
Front mounted Aux. contact Block	2 NO 1 NO+1 NC 2 NC	LA1-D20A	700	20
		LA1-D11A		
		<input checked="" type="checkbox"/> LA1-D02A		

Thermal OLR 2 Pole type LR7D-Direct Mounting

Relay Setting Range (A)	Reference	MRP (₹)	Independent Mounting Kit	MOQ
4.0-6.0	LR7D09210	1250	LA7D0964 MRP ₹480 [HSN Code: 8538]	1
5.5-8.0	LR7D09212			
7.0-10	LR7D09214			
9.0-14	LR7D12216X	1250		
13-18	LR7D16221			
14-22	LR7D16221X			
18-25	LR7D25222	1510		
23-32	LR7D32253			



Contactors - 4 Pole AC [HSN Code: 8536]

AC3, 415V			Main Poles Configuration	Reference	MRP (₹)	MOQ
kW	HP	A				
7.5	10	20	4NO	TC1DX204	6960	1
11	15	25	4NO	TC1DX254	9000	
22	30	40	4NO	TC1DX404	14630	

■ Please specify Coil Voltage.

AC Coil Voltage Codes (Standard) for 4 Pole Contactors

Contactor 4P	Voltage			
	110	220	190-400	250-450
TC1-DX204/254	F	M	Q	N

Spare Coil for 4 Pole Contactors

Reference	Coil Voltage	MRP (₹)	MOQ
TX1D20	110/220/190-400/250-450	970	1

Mechanical Interlock for 4 Pole Contactors

LA9D09978	Horizontal Mounted	970	10
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Add-on-Blocks for 4 Pole Contactors

Description	Contact Configuration	Reference	MRP (₹)	MOQ
Front mounted Aux. contact Block	1 NO+1 NC	TA1-DN11A	750	2

Note : Also available with 2NC.

Exceed Definite Purpose Contactor

Conforming IEC60947-1, IEC60947-4-1



Single Pole (Without Shunt) [HSN Code: 8536]

Full load (inductive) (A)	Locked Rotor Per Pole (A) AC 240V/AC 277V	Resistive Rating (A)	Reference	MRP (₹)
25	150	30	TCDP251E ■	1520
20	150	30	TCDP201E ■	1370

Single Pole (With Shunt)

25	150	30	TCDP251SE ■	1590
20	150	30	TCDP201SE ■	1370

Two Pole

20	120	30	TCDP202E ■	1740
25	150	35	TCDP252E ■	1840

Note: Replace XX with coil voltage code

Exceed DP Contactor Coil Single Pole (with & without Shunt)

50Hz		60Hz	
Voltage	Reference	Voltage	Reference
145-180V	H5	24V	B6
220V	M5	120V	G6
240V	U5	208V	L6
24V	B5	220V	M6
277V	W5	240V	U6
380V	Q5	277V	W6
415V	N5	480V	T6
180-215V	M5W	-	-
170-240V	L5W	-	-

Exceed DP Contactor Coil Two Pole

50Hz		60Hz	
Voltage	Reference	Voltage	Reference
145-180V	H5	24V	B6
220V	M5	120V	G6
240V	U5	208V	L6
415V	N5	220V	M6
24V	B5	240V	U6
120V	G5	277V	W6
277V	W5	480V	T6
170-240V	L5W	-	-



Definite Purpose Contactor

Conforming IEC60947-1, IEC60947-4-1

Global Certification



RoHS
Compliant



Contactor				[HSN Code: 8536]
FLA	Resistive AMP Rating	Reference	MRP (₹)	MOQ
Single Pole (Without Shunt)				
25	30	<input checked="" type="checkbox"/> TCDP251	1910	1
30	40	<input checked="" type="checkbox"/> TCDP301	2040	
40	50	<input checked="" type="checkbox"/> TCDP401	2140	
Single Pole (With Shunt)				
25	30	TCDP251S	2000	1
30	40	TCDP301S	2110	
40	50	TCDP401S	2290	
Two Pole				
20	30	TCDP202	2200	1
30	40	TCDP302	2210	
40	50	<input checked="" type="checkbox"/> TCDP402	2380	
Three Pole				
20	30	TCDP203	2610	1
30	40	TCDP303	2680	
40	50	<input checked="" type="checkbox"/> TCDP403	3040	

AC Coil Voltage Codes for Definite Purpose Contactors

Voltage	24VAC	110VAC	240VAC
50Hz	B5	G5	U5
60Hz	B6	G6	U6

DT-Series 4 Pole Rating AC1 25A-63A

[HSN Code: 8536]

AC1 Duty A	Main Pole Configuration	With AC Coil		MOQ
		Reference	MRP (₹)	
25	4 NO	TC1DT254Ne	POR	1
32	4 NO	<input checked="" type="checkbox"/> TC1DT324Ne		
32	2 NO+2 NC	TC1DT328Ne		
40	4 NO	<input checked="" type="checkbox"/> TC1DT404Ne		
50	4 NO	TC1DT504Ne		
45	4 NO	TC1DT45004E		
45	2 NO+2 NC	TC1DT45008E		
50	4 NO	TC1DT50004E		
50	2 NO+2 NC	TC1DT50008E		
63	4 NO	TC1DT63004E		
63	2 NO+2 NC	TC1DT63008E		

AC Coil for 4 Pole Telecom Contactor

Contactor	220	230	240	415
TC1-DT**Ne	220	230	240	415
50Hz	M5	P5	M	N5

All coils codes applicable for extra wide band coils.

* Stock for accessories are subject to availability

Non Stockable item

MOQ- Minimum Order Quantity

Industrial Plugs & Sockets

Benefits

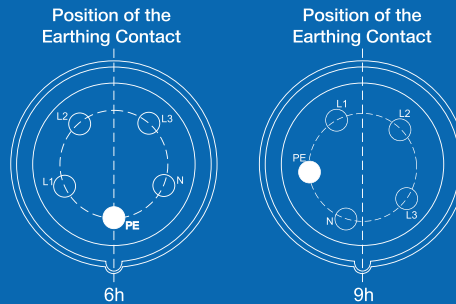
- Safety through interchangeability
- High grade thermo plastic material assures:
 - Exceptional high impact resistance
 - High thermal stability
 - High insulated Quality
 - Good resistance to various chemicals
- Colour codes for easy identification of Plug & Sockets
- Locking device prevent unintended withdrawal

Junction Box

- Corrosion Resistive
- Durability & Longevity
- Wide Range
- Light Weight
- Dust Proof - IP66



IEC 60309 Series
IP44 & IP67 Protection



Control & Signalling Devices

Metallic & Polycarbonate Series



Push Buttons & Pilot Lamps

- Ø22.5 mm Push Buttons, Emergency Stop PB, Selector switch
- Illuminated & Non-illuminated Actuators in Plastic & Metallic variants
- Pilot Lamps in LED
- Push Button Stations 1/2/3/4 ways, IP65 / IP166, NEMA-41/X protection
- High Mechanical and Electrical life
- Aesthetic and Elegant outlook
- Wide Range of colors | voltages available









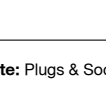

Globally accepted






IEC 60309 Series

[HSN Code: 8536]


IP 44 & IP 67 Versions	Description	Rating (Amp)	Protection Degree	3 PIN, 2P+E 240V AC			4 PIN, 3P+E 415V AC			5 PIN, 3P+N+E 415V AC		
				Code	MRP (₹)	Reference h	Code	MRP (₹)	Reference h	Code	MRP (₹)	Reference h
	Panel Mounting Socket - Splash Proof	16	IP44	CS62205*	910	6	-	-	-	CS62210*	1520	6
		32		CS62216*	1550	6	-	-	-	CS62221*	1740	6
	Panel Mounting Socket - Water Tight	16	IP67	CS62227	1950	6	-	-	-	CS62232	2080	6
		32		CS62238	2100	6	-	-	-	CS62243	2760	6
		63		CS63249	7740	6	-	-	-	CS63254	7120	6
		125		-	-	-	-	-	-	CS62262	26630	6
	Surface Mounting Socket - Splash Proof	16	IP44	CS62404	1500	6	-	-	-	CS62409	1650	6
		32		CS62415	1860	6	-	-	-	CS62420	2140	6
	Surface Mounting Socket - Water Tight	16	IP67	CS62426	2540	6	-	-	-	CS62431	3640	6
		32		CS62437	3170	6	CS62283	3550	3	CS62442	4160	6
		63		CS63448	9770	6	-	-	-	CS63453	10010	6
		125		-	-	-	-	-	-	CS63463	37630	6
	Plugs - Splash Proof	16	IP44	CS60004*	790	6	-	-	-	CS60009*	1100	6
		32		CS60015*	1250	6	-	-	-	CS60020*	1660	6
	Plugs - Water Tight	16	IP67	CS60026	1680	6	-	-	-	CS60031	2210	6
		32		CS60037	2610	6	CS60145	2660	3	CS60042	2710	6
		63		CS61048	7360	6	-	-	-	CS61053	7610	6
		125		-	-	-	-	-	-	CS60061	22610	6
	Surface Mounting Interlocked Switched Socket Outlet - Horizontal	16	IP44	CS66004(H)	11940	6	-	-	-	CS66109(H)	15210	6
		32		CS66015(H)	14190	6	-	-	-	CS66020(H)	17010	6
	Surface Mounting Interlocked Switched Socket Outlet - Vertical	16	IP67	CS66200	13080	6	-	-	-	CS66202	18510	6
		32		CS66201	18260	6	-	-	-	CS66203	22090	6
	Connector - Splash Proof	16	IP44	CS62004*	1130	6	-	-	-	CS66215*	1310	-
		32		CS62015*	1450	6	-	-	-	CS66225*	1850	-
	Connector Water Tight	32	IP67	-	-	-	CS62128	3550	3	-	-	-

Note: Plugs & Sockets 3 PIN, 2P+E 240V AC are in Blue color, 5 PIN, 3P+N+E 415V AC are in Red color

	Plastic Junction Box IP66 , 230V with provision for housing MCB	Reference	Pole	Rating	Socket Reference	MRP
		CSE163PIP66	3P	16A	CS36001	POR
CSE164PIP66	4P	CS36002				
CSE165PIP66	5P	CS36006				
CSE323PIP66	3P	32A	CS36005			
CSE324PIP66	4P		CS62283			
CSE325PIP66	5P		CS62243			

Note: Junction box comes equipped with socket however for MCB it has provision only and has to be ordered separately.

[HSN Code: 8536]

AC Distribution Box with Socket	Description	Rating (Amp)	Protection Degree	Code	MRP (₹)	Reference h
	AC Distribution Box (Includes Socket & Plug)	16A 3P 240V	IP40	CS60045*	2820	6
		32A 3P 240V		CS60046*	3490	6
		32A 5P 415V		CS60047*	5240	6
		63A 5P 415V		CS60048*	13630	6

* Stock for accessories are subject to availability



Push Buttons: 22.5mm
Without Contact Elements

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Push Button Actuators with Carrier-Non-Illuminated [HSN Code: 8536]

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Push Spring Return Push Button	RCP2BA2 ●	180	20	
	RCP2BA3 ●			
	RCP2BA4 ●			
	RCP2BA5 ●			
	RCP2BA6 ●			
Flush Spring Return Push Button with contact	RCP2BA33 ●	390	10	
	RCP2BA35 ●			
Projecting Push Button	RCP2BL1 ○	180	10	
	RCP2BL2 ●			
	RCP2BL3 ●			
	RCP2BL4 ●			
	RCP2BL5 ●			
	RCP2BL6 ●			
Mushroom Head Push Button, Spring Return	RCP2BC2 ●	240	8	
	RCP2BC3 ●			
	RCP2BC4 ●			
	RCP2BC5 ●			
	RCP2BC6 ●			
Mushroom Head Push Button, Spring Return with contact	RCP2BC21 ●	360	10	
	RCP2BC31 ●			
	RCP2BC42 ●			
	RCP2BC51 ●			
Mushroom Head Push Button, Spring Return with contact	RCP2BC61 ●			
Mushroom Head ∅40mm Push Button Stay Put turn to release	RCP2BS54 ●	330	8	
Mushroom Head ∅40mm Push to Stay Pull to release	RCP2BT4 ●			
Mushroom Head ∅60mm Push Button Stay Put turn to release	RCP2BS64 ●	490	5	
Mushroom Head Push Button, Push to Stay & Key to release	RCP2BS14 ●	610	8	
Push Button Stay Put ∅30mm (Press to Lock turn to release)	RCP2BS44 ●	310	10	

Push Button Actuators with Carrier & Contact Element-Non-Illuminated

Flush Spring Return Push Button with 1NO Block	RCP2BA11 ○	250	10	
	RCP2BA21 ●			
	RCP2BA31 ●			
	RCP2BA51 ●			
	RCP2BA61 ●			
Push Button with 1NC Block	RCP2BA41 ●			
Projecting Head Push Button with 1NO Block	RCP2BL11 ○	250	10	
	RCP2BL21 ●			
	RCP2BL31 ●			
	RCP2BL51 ●			
Projecting PB with 1NC Block	RCP2BL42 ●			

LED Type Push Button Actuators - Illuminated Flush

Flush Illuminated with Integral Circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCP2BWL317 ▲ ○	490	10	
	RCP2BWL337 ▲ ●			
	RCP2BWL347 ▲ ●			
	RCP2BWL357 ▲ ●			
	RCP2BWL377 ▲ ●			
	RCP2BWL387 ▲ ●			
	RCP2BWL367 ▲ ●	850		

Push Button Actuator-Illuminated Projecting without Series Resistor

LED Type Push Button Actuators - Illuminated Projecting
Type of voltage AC/DC to be specified

Projecting Illuminated Actuator, with integral LED, suitable for operating 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCP2BWL117 ▲ ○	490	10	
	RCP2BWL137 ▲ ●			
	RCP2BWL147 ▲ ●			
	RCP2BWL157 ▲ ●			
	RCP2BWL177 ▲ ○			
	RCP2BWL187 ▲ ●	860		

Colour Code for Actuator / Lens

Colour Code	1	2	3	4	5	6	7	8
Colour of Actuator	White ○	Black ●	Green ●	Red ●	Yellow ●	Blue ●	-	-
Colour of Lens	White ○	-	Green ●	Red ●	Amber ●	Blue ●	Clear ○	Yellow ●

Push Buttons: 22.5mm Without Contact Elements

Global Certification |

Selector Switch Actuators with Carrier [HSN Code: 8536]

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
2-Position Selector Switch (stay put)	RCP2BD2	470	10	
3-Position Selector Switch, centre 'OFF' (stay put)	RCP2BD3			
2-Position Selector Switch with extra long knob (stay put)	<input checked="" type="checkbox"/> RCP2BJ2	470	10	
3-Position Selector Switch, with extra long knob centre 'OFF' (stay put)	RCP2BJ3			
3-Position Selector Switch (Spring Return)	RCP2BDR3	510	10	
3-Position Selector Switch extra long knob (Spring Return)	<input checked="" type="checkbox"/> RCP2BJR3	510	10	

Selector Switch Actuators with Carrier & Contact Element

2-Position Selector Switch (stay put) with 1NO Block	<input checked="" type="checkbox"/> RCP2BD21	540	10	
2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCP2BD25	660		
3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCP2BD35			

Key Actuators with Carrier

2-Position Key Switch, Key removable in unactuated position	<input checked="" type="checkbox"/> RCP2BG2	680	10	
2-Position Key Switch, Key removable in both position	<input checked="" type="checkbox"/> RCP2BG4			
2-Position Key Switch, Key removable in 'Right Hand' position	RCP2BG02	690	10	
3-Position Key Switch, Key removable in centre 'OFF' position	<input checked="" type="checkbox"/> RCP2BG3			
3-Position Key Switch, Key removable in all position	RCP2BG0			
3-Position Key Switch, Key removable in 'Left Hand & Right Hand' position	RCP2BG5			
3-Position Key Switch, Key removable in 'Left Hand' position	<input checked="" type="checkbox"/> RCP2BG9			
3-Position Key Switch, Key removable in 'Right Hand' position	RCP2BG7			

Push Buttons Extended Range [HSN Code: 8536]

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Intermittent Sounding Flashing Buzzer 15 - 20 mA, sound level 80 dB.24V, 48V, 110V AC/DC 240V AC (* Add Voltage code)	<input checked="" type="checkbox"/> RB2KS* ●	520	15	

LED Type Pilot Lamp Type of voltage AC / DC to be specified

Pilot Light with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	<input checked="" type="checkbox"/> RCP2BVL73▲●	450	10	
	<input checked="" type="checkbox"/> RCP2BVL74●●			
	<input checked="" type="checkbox"/> RCP2BVL75▲●			
	RCP2BVL77▲○			
	RCP2BVL71▲○			
	<input checked="" type="checkbox"/> RCP2BVL78▲●			
	<input checked="" type="checkbox"/> RCP2BVL76▲●	790		

How to Order:

Actuators, Contact Elements, Lens Assemblies can also be ordered separately or in combination, as required.

▲ Add Voltage Code

Non Stockable item

NOTE: For contact elements NO/NC please refer page no. 77.

Push Buttons Extended Range

Reset Extended Actuator Push-button - Round Type	<input checked="" type="checkbox"/> RCB2AL8R	170	24	
Reset Extended Actuator Pushbutton - Hex Type	<input checked="" type="checkbox"/> RCB2AL8H	170	30	
Plastic Adopter for 30 mm hole to 22.5 mm.	<input checked="" type="checkbox"/> RP2BZ41M	60	20	
Metal Adopter for 30 mm hole to 22.5 mm	<input checked="" type="checkbox"/> RB2BZ41M			
Recess (Guarded) Push button - Plastic	RP2BA16 ○	140	20	
	RP2BA26 ●			
	<input checked="" type="checkbox"/> RP2BA36 ●			
	<input checked="" type="checkbox"/> RP2BA46 ●			
	RP2BA56 ●			
	RP2BA66 ●			



Push Buttons: 22.5mm

Metallic Range (Without Contact Elements)

Global Certification |

Push Button Actuators with Carrier-Non-Illuminated [HSN Code: 8536]

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Flush Spring Return Push Button	RCB2BA1 ○	200	20	
	RCB2BA2 ●			
	RCB2BA3 ●			
	RCB2BA4 ●			
	RCB2BA5 ●			
	RCB2BA6 ●			
Projecting Push Button	RCB2BL1 ○	200	10	
	RCB2BL2 ●			
	RCB2BL3 ●			
	RCB2BL4 ●			
	RCB2BL5 ●			
	RCB2BL6 ●			
Booted Push Button	RCB2BP2 ●	280	20	
	RCB2BP3 ●			
	RCB2BP4 ●			
	RCB2BP5 ●			
	RCB2BP6 ●			
	RCB2BP6 ●			
Mushroom Head Push Button, Spring Return	RCB2BC2 ●	280	8	
	RCB2BC3 ●			
	RCB2BC4 ●			
	RCB2BC5 ●			
Mushroom Head Push Button Stay Put (press to lock, turn to release)	RCB2BS54 ●	370	8	
	RCB2BS64 ●	490	5	
Mushroom Head Push Button, Push to Stay & Pull to release	RCB2BT4 ●	440	8	
Mushroom Head Push Button, premarked Pull to Reset	RCB2BT43 ●			
Mushroom Head Key Switch, StayPut, Key removable in both positions (press to lock and key to release)	RCB2BS14 ●	760	8	
Push Button Stay Put (press to lock, turn to release)	RCB2BS44 ●	360	10	

LED Type Push Button Actuators - Illuminated Flush [HSN Code: 8536]

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Flush Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2BWL337 ▲●	540	10	
	RCB2BWL347 ▲●			
	RCB2BWL357 ▲●			
	RCB2BWL317 ▲○			
	RCB2BWL377 ▲●			
	RCB2BWL387 ▲●			
	RCB2BWL367 ▲●	890		

Push Button Actuators - Illuminated Projecting with Series Resistor

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Illuminated Actuator, Projecting (with BA9S Filament Bulb, 130V) 220VAC/DC	RCB2BW117 ▲○	370	10	
	RCB2BW137 ▲●			
	RCB2BW147 ▲●			
	RCB2BW157 ▲●			
	RCB2BW167 ▲●			
	RCB2BW177 ▲○			

LED Type Push Button Actuators - Illuminated Projecting Type of voltage AC/DC to be specified

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Projecting Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2BWL137 ▲●	540	10	
	RCB2BWL147 ▲●			
	RCB2BWL157 ▲●			
Projecting Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2BWL167 ▲●	1040		

Push Button Actuators with Carrier & Contact Element-Non-Illuminated

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Flush Spring Return Push Button with 1NO Block	RCB2BA11 ○	320	10	
	RCB2BA21 ●			
	RCB2BA31 ●			
	RCB2BA51 ●			
	RCB2BA61 ●			
	RCB2BA41 ●			
Push Button with 1NC Block	RCB2BA42 ●			
Push Button with 2NO Block	RCB2BA33 ●	460		
Projecting Head Push Button with 1NO Block	RCB2BL11 ○	320	10	
	RCB2BL21 ●			
	RCB2BL31 ●			
	RCB2BL51 ●			
Projecting PB with 1NC Block	RCB2BL61 ●			
Mushroom Head Push Button Stay Put (press to lock, turn to release) with 1NC Block	RCB2BS42 ●	520	8	
	RCB2BS642 ●	610	4	












* Stock for accessories are subject to availability Non Stockable item












Push Buttons: 22.5mm

Metallic Range (Without Contact Elements)

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Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Push Button Actuators with Carrier - Non-Illuminated [HSN Code: 8536]				
Double Push Button, Flush Green & Red Knob marked I&O respectively	RCB2BA87 	320	10	
Selector Switch Actuators with Carrier				
2-Position Selector Switch (stay put)	RCB2BD2 RCB2BD27*	530	10	
3-Position Selector Switch, centre 'OFF' (stay put)	RCB2BD3 RCB2BD37*			
2-Position Selector Switch with extra long knob (stay put)	RCB2BJ2 <input checked="" type="checkbox"/> RCB2BJ27*	540	10	
3-Position Selector Switch, with extra long knob centre 'OFF' (stay put)	RCB2BJ3 <input checked="" type="checkbox"/> RCB2BJ37*			
2-Position Selector Switch (Spring Return)	RCB2BDR2 <input checked="" type="checkbox"/> RCB2BDR27*	600	10	
3-Position Selector Switch (Spring Return)	RCB2BDR3 RCB2BDR37*			
2-Position Selector Switch extra long knob (Spring Return)	<input checked="" type="checkbox"/> RCB2BJR2 RCB2BJR27*	600	10	
3-Position Selector Switch extra long knob (Spring Return)	<input checked="" type="checkbox"/> RCB2BJR3 RCB2BJR37*			
Selector Switch Actuators with Carrier & Contact Element [HSN Code: 8536]				
2-Position Selector Switch (stay put) with 1NO Block	RCB2BD21 <input checked="" type="checkbox"/> RCB2BD271*	630	10	 +
2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCB2BD25 <input checked="" type="checkbox"/> RCB2BD275*	770		
3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCB2BD35 <input checked="" type="checkbox"/> RCB2BD375*			
*with Black Bezel				
Selector Switch Actuators-Illuminated with Series Resistor [HSN Code: 8536]				
2-Position Illuminated Selector Switch (with BA9S Filament Bulb 130V) suitable for operation at 220V AC/DC	<input checked="" type="checkbox"/> RCB2BK1237▲●	840	10	
	<input checked="" type="checkbox"/> RCB2BK1247▲●			
	<input checked="" type="checkbox"/> RCB2BK1257▲●			
3-Position Illuminated Selector Switch (with BA9S Filament Bulb 130V) suitable for operation at 220V AC/DC	<input checked="" type="checkbox"/> RCB2BK1337▲●	840	10	
	<input checked="" type="checkbox"/> RCB2BK1347▲●			
	<input checked="" type="checkbox"/> RCB2BK1357▲●			
Selector Switch Actuators-Illuminated with integral circuit LED available on request				
Selector Switch Actuators - Illuminated without series resistor				
2-Position Illuminated Selector Switch (with LED Bulb) 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	<input checked="" type="checkbox"/> RCB2BKL1237▲●	840	10	
	<input checked="" type="checkbox"/> RCB2BKL1247▲●			
	<input checked="" type="checkbox"/> RCB2BKL1257▲●			
3-Position Illuminated Selector Switch (with LED Bulb) 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	<input checked="" type="checkbox"/> RCB2BKL1337▲●	840	10	
	<input checked="" type="checkbox"/> RCB2BKL1347▲●			
	<input checked="" type="checkbox"/> RCB2BKL1357▲●			

* Stock for accessories are subject to availability. Non Stockable item

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Key Actuators with Carrier [HSN Code: 8536]				
2-Position Key Switch, Key removable in unactuated position	RCB2BG2 RCB2BG27*	760	10	
2-Position Key Switch, Key removable in both position	RCB2BG4 RCB2BG47*			
2-Position Key Switch, Key removable in 'Right Hand' position	<input checked="" type="checkbox"/> RCB2BG02 <input checked="" type="checkbox"/> RCB2BG027*	780	10	
3-Position Key Switch, Key removable in centre 'OFF' position	RCB2BG3 RCB2BG37*			
3-Position Key Switch, Key removable in all position	<input checked="" type="checkbox"/> RCB2BG0 RCB2BG07*	780	10	
3-Position Key Switch, Key removable in 'Left Hand & Right Hand' position	<input checked="" type="checkbox"/> RCB2BG5 RCB2BG57*			
3-Position Key Switch, Key removable in 'Left Hand' position	RCB2BG9 RCB2BG97*	780	10	
3-Position Key Switch, Key removable in 'Right Hand' position	<input checked="" type="checkbox"/> RCB2BG09 RCB2BG097*			
3-Position (Spring Return) Key Switch, Key removable in 'Center' position	<input checked="" type="checkbox"/> RCB2BG7 RCB2BG77*	780	10	
Key Actuators with Carrier & Contact element				
2-Position Key Switch with 1NO Block, Key removable in unactuated position	<input checked="" type="checkbox"/> RCB2BG21 RCB2BG271*	830	10	 +
2-Position Key Switch with 1NO Block, Key removable in both position	<input checked="" type="checkbox"/> RCB2BG41 RCB2BG471*			
3-Position Key Switch with 1NO+1NC Block key removable in centre 'OFF' position	<input checked="" type="checkbox"/> RCB2BG31 RCB2BG371*	980	10	 +
3-Position Key Switch with 1NO+1NC Block key removable in all position	RCB2BG04 RCB2BG074*			
* with Black Bezel				
Contact Elements - NO/NC (Non UL)* [HSN Code: 8536]				
Contact Element 1 NO	RE2BE101	130	50	
Contact Element 1 NC	RE2BE102			
Contact Elements - NO/NC (UL)*				
Contact Element 1 NO	RB2-BE-101	160	50	
Contact Element 1 NC	RB2-BE-102			
*Applicable for Both Metallic and Plastic range				
How to Order: Actuators, Contact Elements, Lens Assemblies can also be ordered separately or in combination, as required. ▲Add Voltage Code				



Pilot Lamps: 22.5mm
Metallic Range

Global Certification

Description	Reference	MRP (₹)	Std. Pkg. (Nos)	Product Picture
LED Type Pilot Lamp-Type of voltage AC/DC [HSN Code: 8536]				
Pilot Light with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	<input checked="" type="checkbox"/> RCB2BVL71▲○	490	10	
	<input checked="" type="checkbox"/> RCB2BVL73▲●	490		
	<input checked="" type="checkbox"/> RCB2BVL74▲●			
	<input checked="" type="checkbox"/> RCB2BVL75▲●			
	RCBBVL77▲○			
	<input checked="" type="checkbox"/> RCB2BVL78▲●			
	<input checked="" type="checkbox"/> RCB2BVL76▲●	980		

Economical Barrel LED Series - Type of voltage AC/DC				
Suitable for operating at 12V DC, 240V AC, 415V AC AC/DC-24V, 110V, 220V	RCN7VL71▲○	510	15	
	<input checked="" type="checkbox"/> RCN7VL76▲●			
	RCN7VL73▲●	280		
	RCN7VL74▲●			
	<input checked="" type="checkbox"/> RCN7VL75▲●			
	<input checked="" type="checkbox"/> RCN7VL77▲○			
	<input checked="" type="checkbox"/> RCN7VL78▲●			

Colour Code for Actuator / Lens

Colour Code	1	2	3	4	5	6	7	8
Colour of Actuator	White ○	Black ●	Green ●	Red ●	Yellow ●	Blue ●	-	-
Colour of Lens	White ○	-	Green ●	Red ●	Amber ●	Blue ●	Clear ○	Yellow ●

▲ Add Voltage Code

Colour Code for Actuator / Lens

Colour Code	1	2	3	4	5	6	7	8
Colour of Actuator	White ○	Black ●	Green ●	Red ●	Yellow ●	Blue ●	-	-
Colour of Lens	White ○	-	Green ●	Red ●	Amber ●	Blue ●	Clear ○	Yellow ●

▲ Add Voltage Code

* Stock for accessories are subject to availability.

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Push Button Powder Coated Actuators with Carrier [HSN Code: 8536]				
Flush Spring Return Push Button powder coated	RCB2BA17 ○	200	20	
	RCB2BA27 ●			
	RCB2BA37 ●			
	RCB2BA47 ●			
	RCB2BA57 ●			
	RCB2BA67 ●			
Projecting Push Button	RCB2BL17 ○	210	10	
	RCB2BL27 ●			
	RCB2BL37 ●			
	RCB2BL47 ●			
	RCB2BL57 ●			
	RCB2BL67 ●			

Integrated LED Pilot Lamp - Type of voltage AC/DC				
Integral LED pilot Lamp suitable for operating at common voltage (AC/DC) 110V, 48V, 24V & 12V Also available at operational voltage 240V AC, 220V DC, 110V AC, 110V DC	<input checked="" type="checkbox"/> RCB7VL71▲○	560	15	
	<input checked="" type="checkbox"/> RCB7VL76▲●			
	<input checked="" type="checkbox"/> RCB7VL73▲●	320		
	<input checked="" type="checkbox"/> RCB7VL74▲●			
	<input checked="" type="checkbox"/> RCB7VL75▲●			
	<input checked="" type="checkbox"/> RCB7VL77▲○			
<input checked="" type="checkbox"/> RCB7VL78▲●	970			
RCB7VL71▲○				
Wide range: 12V-240V (AC/DC)	RCB7VL76▲●	710		
	RCB7VL73▲●			
	RCB7VL74▲●			
	RCB7VL75▲●			
	<input checked="" type="checkbox"/> RCB7VL77▲○			
	RCB7VL78▲●			

















Accessories




Metallic Range (For Push Buttons & Pilot Lamps : 22.5mm)

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Operating Heads Without Contact Block and Carrier [HSN Code: 8536]

Description	Reference	MRP (₹)	Std. Pkg. (Nos)	Product Picture
Pilot Lamp Head	RB2BV01 ○	200	20	
	RB2BV03 ●			
	RB2BV04 ●			
	RB2BV05 ●			
	RB2BV06 ●			
	RB2BV07 ○			
	RB2BV08 ●			
Flush Push Button	RB2BA1 ○	170	20	
	RB2BA2 ●			
	RB2BA3 ●			
	RB2BA4 ●			
	RB2BA5 ●			
	RB2BA6 ●			
Projecting Push Button	RB2BL1 ○	200	20	
	RB2BL2 ●			
	RB2BL3 ●			
	RB2BL4 ●			
	RB2BL5 ●			
	RB2BL6 ●			
Mushroom Spring Return	RB2BC2 ●	250	8	
	RB2BC3 ●			
	RB2BC4 ●			
	RB2BC5 ●			
Mushroom Stay Put	φ 30mm RB2BS44 ●	320	10	
	φ 40mm RB2BS54 ●	330	8	
	φ 60mm RB2BS64 ●	470	5	
Mushroom illuminated - 2 position Momentary - 2 position Maintained	RCB2BW43 ●	580	8	
	RCB2BW44 ●			
	RCB2BW64 ●			
	RCB2BW63 ●			
Booted Push Button	RB2BP2 ●	280	20	
	RB2BP3 ●			
	RB2BP4 ●			
	RB2BP5 ●			
	RB2BP6 ●			
Double Headed without Light	RB2BA87 	320	10	
Double Headed Push Button with Light	RB2BW9 	350		
Illuminated Flush Push Button	RB2BW31 ○	220	10	
	RB2BW33 ●			
	RB2BW34 ●			
	RB2BW35 ●			
	RB2BW36 ●			
	RB2BW37 ○			
Illuminated Projecting Push Button	RB2BW13 ●	230	10	
	RB2BW14 ●			
	RB2BW15 ●			
	RB2BW16 ●			
	RB2BW17 ○			
Illuminated Selector 2-Position Stay Put	RB2BK123 ●	520	10	
	RB2BK124 ●			
	RB2BK125 ●			
Illuminated Selector 3-Position Stay Put	RB2BK133 ●	540	10	
	RB2BK134 ●			
	RB2BK135 ●			

Operating Heads LED, Neon Pilot Lamp / Push Button Without Contact Block and Carrier [HSN Code: 8536]

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
LED Pilot Lamp Head	RB2BVL01 ○	170	20	
	RB2BVL03 ●			
	RB2BVL04 ●			
	RB2BVL05 ●			
	RB2BVL06 ●			
	RB2BVL07 ○			
	RB2BVL08 ●			
LED Illuminating Flush Push Button	RB2BWL31 ○	230	10	
	RB2BWL33 ●			
	RB2BWL34 ●			
	RB2BWL35 ●			
	RB2BWL36 ●			
	RB2BWL37 ○			
LED Illuminating Projecting Push Button	RB2BWL11 ○	250	10	
	RB2BWL13 ●			
	RB2BWL14 ●			
	RB2BWL15 ●			
	RB2BWL16 ●			
	RB2BWL17 ○			
	RB2BWL18 ●			

Operating Heads LED, Neon Pilot Lamp / Push Button Without Contact Block and Carrier

Description	Reference	Operating Handle	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Selector 2-Position, Stay Put	RB2BD2	Standard	470	10	
Selector 2-Position, Stay Put	RB2BJ2	Long	520		
Selector 2-Position, Spring Return	RB2BDR2	Standard	470		
Selector 2-Position, Stay Put	RB2BJR2	Long	520		
Selector 3-Position, Stay Put (Centre OFF)	RB2BD3	Standard	470		
Selector 3-Position, Stay Put (Centre OFF)	RB2BJ3	Long	520		
Selector 3-Position, Spring Return (Centre OFF)	RB2BDR3	Standard	470		
Selector 3-Position, Stay Put	RB2BJR3	Long	520		
Key Selector 2-Position, Stay Put	RB2BG2	Key removable in L.H. position	710		
Key Selector 2-Position, Stay Put	RB2BG4	Key removable in both positions	710		
Key Selector 2-Position, Stay Put	RB2BG02	Key removable in R . H. position	710		
Key Selector 2-Position, Spring Return Stay Put	RB2BG6	Key removable in L.H. position	710		
Key Selector 3-Position, Stay Put	RB2BG3	Key removable in centre position	710		
Key Selector 3-Position, Stay Put	RB2BG0	Key removable in all positions	710		
Key Selector 3-Position, Stay Put	RB2BG5	Key removable in L.. H. & R. H. position	710		
Key Selector 3-Position, Stay Put	RB2BG9	Key removable in L.H. position	720		
Key Selector 3-Position, Stay Put	RB2BG09	Key removable in R. H. position	720		
Key Selector 3-Position, Both Side Spring Return	RB2BG7	Key removable in Centre position	720		
Mushroom Head with Key Stay Put	RB2BS14 ●	Key removable in both positions	720	8	



Accessories

Metallic Range (For Push Buttons & Pilot Lamps : 22.5mm)

Body Assemblies with Contact Blocks, Screw & Captive Clamp Connection [HSN Code: 8536]

Description	Reference	Contact Type	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
For Actuators, Push Buttons, Selectors & Key Switches	RB2BZ101	NO	230	20	
	RB2BZ102	NC			
	RB2BZ103	1NO+1NO	360	10	
	RB2BZ104	1NC+1NC			
	RB2BZ105	1NO+1NC			

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Set of Lens (one inner and one outer) for Pilot Lamp Head	RB2BV00*	60	20	
Lens for LED & Neon Type Pilot Lamp (w/o inner lens)	RB2BVL00*			
Set of Lens (one inner and one outer) for Illuminating Actuator	RB2BW00*	60	20	
Lens for Illuminating LED & Neon actuator (w/o inner lens)	RB2BWL00*			
Silicon Cap suitable for, -Booted Push Button (coloured) -Push Buttons Flush (Natural) -Push Buttons Illuminated (Natural)	RB2BP00	60	100	
	RCS			
	RCL			
Legend Plate with inscription (On, Off, Start, Stop, Slow, Fast, Forward, Reverse, Up, Down, Open, Close, Auto, Auto-o-Hand, Auto-Hand, Reset, Inch.)	RB2BYN#	60	100	
Body / Carrier with mounting screws (passivated) for making different assemblies	RB2B*	90	20	
Yellow legend (PVC) φ60mm	RB2PY9330	100	50	
Emergency Stop φ90mm	RB2PY8330	110	50	

#Minimum Order Qty. will be 500 Nos.

How to Order :

1. Actuators, switch elements, lens assemblies can be ordered separately or in combination.
2. Basic type designation for actuators is "RB2-B". Numerical colour code is added as a suffix to indicate the colour of the actuator or lens. Remove "*" and put numerical code as indicated below:

Colour Code	1	2	3	4	5	6	7	8
Colour of Actuator	White	Black	Green	Red	Yellow	Blue	-	-
Colour of Lens	White	-	Green	Red	Amber	Blue	Clear	Yellow

3. Different suffixes are assigned for flush, projecting, selector actuators etc.
4. The type designation for contact element is '1' for NO and '2' for NC.
5. Basic type designation for legend plates is "RB2-BY". To complete code with type of inscription please remove "*" and put numerical code as indicated below.

Standard Text	Reference	Standard Text	Reference	MRP (₹)	Std. Pkg. (Nos.)
Start	2303	Stop	2304	60	260
Forward	2305	Reverse	2306		
Up	2307	Down	2308		
On	2311	Off	2312		
Open	2313	Close	2314		
Auto	2315	Hand	2316		
Reset	2323	Inch	2321		
Slow	2327	Fast	2328		
Auto - Hand	2364	Auto-O-Hand	2385		
		Hand-O-Auto	2387		

Important :

- 1) Ordered quantities should be in multiple of standard packing.
- 2) Illuminated Push Buttons & Pilot Lamps will be supplied with bulb only.
- 3) N in product code stands for Neon Bulb.

☒ Non Stockable item.

Control Stations (Assembled)

Complete Control Stations-Start & Stop Functions Plastic, Spring Return [HSN Code: 8536]

Description	Scheme	Colour	Making on legend	Reference	MRP (₹)	Product Picture
1 Flush Push Button	NO	3	I START	RC1P102	1150	
				RC1P103		
1 Flush Push Button	NC	4	O STOP	RC1P112		
				RC1P114		
Latching Push Button	NC	4	STOP	RC1PBS542	1250	
				RC1PYBS542		
Mushroom Head Key Switch	NC	4	STOP	RC1PBS142	1790	
				RC1PYBS142		
2 Flush Push Button	NO+NC	3	I O	RC2P213	1640	
2 Flush Push Button	NO+NC	3	START	RC2P215		

Complete Control Stations Directional/Movement Control Functions Plastic, Spring Return

Description	Scheme	Colour	Making on legend	Reference	MRP (₹)	Product Picture				
2 Flush Push Button	NO + NO	1	↑ Down	RC2P222	1840					
				RC2P222A						
		1	↔ Right Left	RC2P223						
				RC2P223A						
		2	Open Close	RC2P241						
				RC2P222B						
		3 Flush Push Button	NO + NC + NO	3			Forward Stop Reverse	RC3P311	2380	
								RC3P321		
								RC3P331		
								RC3P341		
4	↑ ↓ ↔ ↻			RC3P324						
				RC3P334						

Control Stations for Customer Assembly Empty Enclosure, Plastic


Description	Number of Ways	Reference	MRP (₹)	Product Picture
Yellow	1	RC1PY	930	
	1	RC1P		
Bone Grey	2	RC2P	1040	
	3	RC3P	1170	
	4	RC4P	1310	

* Empty Enclosure's are available without contact blocks and push buttons and can be assembled with the accessories / spare parts as per specified requirements.
* Stock for accessories are subject to availability




Control Stations (Assembled)


Complete Control Stations-Start and Stop Functions Metal, Spring Return [HSN Code: 8536]

Description	Scheme	Colour	Marking on legend	Reference	MRP (₹)	Product Picture
1 Flush Push Button	NO	3	I START	RC1M102	1710	
				RC1M103		
1 Flush Push Button	NC	4	O STOP	RC1M112	1900	
				RC1M114		
Latching Push Button	NC	4	STOP	RC1MBS542	2190	
Mushroom Head Key Switch	NC	4	STOP	RC1MBS142	2190	
2 Flush Push Button	NO+NC	3	I O	RC2M213	2160	
				RC2M215		
2 Flush Push Button	NO+NC	4	START STOP	RC2M215		

Complete Control Stations Directional/ Movement Control Functions Metal, Spring Return [HSN Code: 8536]

Description	Scheme	Colour	Marking on legend	Reference	MRP (₹)	Product Picture
2 Flush Push Button	NO + NO	1 2	Up-Down	RC2M222	2100	
				RC2M222A		
		1 2	Right-Left	RC2M223		
				RC2M223A		
		1 2	Open-Close	RC2M241		
				RC2M222B		
3 Flush Push Button	NO + NC + NO	3 4 3	Forward Stop Reverse	RC3M311	2670	
				RC3M321		
				RC3M331		
				RC3M341		
		1 2	Up-Down	RC3M324		
				RC3M334		

Control Stations for Customer Assembly Empty Enclosure, Metal [HSN Code: 8536]





Description		Number of Ways	Reference	MRP (₹)	Product Picture
Top	Base				
Smoke Grey	Dark Grey	1	RC1M	1320	
		2	RC2M	1370	
		3	RC3M	1640	
		4	RC4M*	2010	

* Empty Enclosure's are available without contact blocks and push buttons and can be assembled with the accessories / spare parts as per specified requirements.



Operating Head for Control Stations

For Customer assembly

Plastic Operating Heads without Contact Block use with RC.P & RC.M enclosures - IP65 [HSN Code: 8536]

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Flush Push Button Spring Return	RP2BA1 ○	170	20	
	RP2BA2 ●			
	RP2BA3 ●			
	RP2BA4 ●			
	RP2BA5 ●			
	RP2BA6 ●			
Projecting Push Button	RP2BA334 ↑	170	20	
	RP2BA335 ↓			
	RP2BL1 ○			
	RP2BL2 ●			
	RP2BL3 ●			
	RP2BL4 ●			
Mushroom Spring Return	RP2BL5 ●	230	8	
	RP2BL6 ●			
	RP2BC2 ●			
	RP2BC3 ●			
	RP2BC4 ●			
	RP2BC5 ●			
Mushroom Stay Put	RP2BC6 ●	290	10	
	RP2BS44 ●	310	8	
	RP2BS54 ●	510	5	
	RP2BS64 ●			

Operating Heads for Control Stations Without Contact Block and Carrier

Description	Reference	Operating Handle	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Selector 2-Position, Stay Put	RP2BD2	Standard	450	10	
Selector 3-Position, Stay Put (Centre OFF)	RP2BD3	Standard			
Selector 3-Position, Spring Return (Centre OFF)	RP2BDR3	Standard	630		
Key Selector 2-Position, Stay Put	RP2BG2	Key removable in L.H. position	660		
Key Selector 2-Position, Stay Put	RP2BG4	Key removable in both positions			
Key Selector 2-Position, Stay Put	RP2BG02	Key removable in R . H. position	690		
Key Selector 3-Position, Stay Put	RP2BG3	Key removable in centre position			
Key Selector 3-Position, Stay Put	RP2BG0	Key removable in all positions	630		
Key Selector 3-Position, Stay Put	RP2BG5	Key removable in L. H. & R. H. position			
Key Selector 3-Position, Stay Put	RP2BG9	Key removable in L.H. position	630		
Key Selector 3-Position, Stay Put	RP2BG09	Key removable in R. H. position			
Key Selector 3-Position, Both Side Spring Return	RP2BG7	Key removable in Centreposition	630		
Mushroom Head with Key Stay Put	RP2BS14	Key removable in both positions		8	

☒ Non Stockable item








Operating Head for Control Stations


For Customer assembly

Global Certification   

Metallic Operating Heads without Contact Block for RC.P & RC.M enclosures - IP65 [HSN Code: 8536]

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Flush Push Button Spring Return	RM2BA1 ○	180	20	
	RM2BA2 ●			
	RM2BA3 ●			
	RM2BA4 ●			
	RM2BA5 ●			
	RM2BA6 ●			
	RM2BA334 †			
RM2BA335 †				
Projecting Push Button	RM2BL1 ○	180	20	
	RM2BL2 ●			
	RM2BL3 ●			
	RM2BL4 ●			
	RM2BL5 ●			
	RM2BL6 ●			
Mushroom Spring Return φ40mm	RM2BC2 ●	250	8	
	RM2BC3 ●			
	RM2BC4 ●			
	RM2BC5 ●			
	RM2BC6 ●			
Mushroom Stay Put φ30mm φ40mm φ60mm	RM2BS44 ●	320	10	
	RM2BS54 ●	360	8	
	RM2BS64 ●	440	5	
Mushroom Push-Pull Type φ40mm	RM2BT43 ●	360	8	

Contact Blocks - Base Mounted For Control Stations Customer Assembly [HSN Code: 8536]

Description	Reference	Contact Type	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Contact Block	RB2BE101B M/P*	NO	170	50	
Slow Break	RB2BE102B M/P*	NC			

* Please specify 'M' if required for Metallic and 'P' if required for Plastic.

Legends (Stickers) are supplied with the following Standard Texts, Plastic [HSN Code: 8536]

Description	Reference	Standard Text	Reference	MRP (₹)	Std. Pkg. (Nos)
Start	RP2BY2303	Stop	RP2BY2304	40	100
Forward	RP2BY2305	Reverse	RP2BY2306		
			RP2BY2308		
Up	RP2BY2307	Down	RP2BY2312		
On	RP2BY2311	Off	RP2BY2314		
Open	RP2BY2313	Close	RP2BY2316		
Auto	RP2BY2315	Hand	RP2BY2321		
Reset	RP2BY2323	Inch	RP2BY2328		
Slow	RP2BY2327	Fast	RP2BY2330		
Power On	RP2BY2326	Emer. Stop	RP2BY2310		
Right	RP2BY2309	Left	RP2BY2147		
O	RP2BY2146	--	RP2BY1913		
→	RP2BY1912	←	RP2BY1915		
↑	RP2BY1914	↑			




Note: Minimum order of #10 each.

Legends (Stickers) are supplied with the following standard texts, Metal [HSN Code: 8536]

Description	Reference	Standard Text	Reference	MRP (₹)	Std. Pkg. (Nos)
Start	RM2BY2303	Stop	RM2BY2304	35	100
Forward	RM2BY2305	Reverse	RM2BY2306		
			RM2BY2308		
Up	RM2BY2307	Down	RM2BY2312		
On	RM2BY2311	Off	RM2BY2314		
Open	RM2BY2313	Close	RM2BY2316		
Auto	RM2BY2315	Hand	RM2BY2321		
Reset	RM2BY2323	Inch	RM2BY2328		
Slow	RM2BY2327	Fast	RM2BY2330		
Power On	RM2BY2326	Emer. Stop	RM2BY2310		
Right	RM2BY2309	Left	RM2BY2147		
O	RM2BY2146	--	RM2BY1913		
→	RM2BY1912	←	RM2BY1915		
↑	RM2BY1914	↑			

Note: Minimum order of #10 each.

Operating Heads for Control Stations Without Contact Block and Carrier [HSN Code: 8536]

Description	Reference	Operating Handle	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Selector 2-Position, Stay Put	RM2BD2	Standard	470	10	
Selector 2-Position, Spring Return	RM2BDR2	Standard			
Selector 3-Position, Stay Put (Centre OFF)	RM2BD3	Standard			
Selector 3-Position, Spring Return (Centre OFF)	RM2BDR3	Standard			
Key Selector 2-Position, Stay Put	RM2BG2	Key removable in L.H. position	630	10	
Key Selector 2-Position, Stay Put	RM2BG4	Key removable in both positions			
Key Selector 2-Position, Stay Put	RM2BG02	Key removable in R. H. position			
Key Selector 2-Position, Spring Return Stay Put	RM2BG6	Key removable in L.H. position			
Key Selector 3-Position, Stay Put	RM2BG3	Key removable in centre position			
Key Selector 3-Position, Stay Put	RM2BG0	Key removable in all positions			
Key Selector 3-Position, Stay Put	RM2BG5	Key removable in L.H. & R.H. position			
Key Selector 3-Position, Stay Put	RM2BG9	Key removable in L.H. position			
Key Selector 3-Position, Stay Put	RM2BG09	Key removable in R. H. position			
Key Selector 3-Position, Both Side Spring Return	RM2BG7	Key removable in Centre position			
Mushroom Head with Key Stay Put	RM2BS14I	Key removable in both positions	690	8	

Motor Starters

Conforming IS/IEC60947-4-1

Star Delta Starter with TC1DXEA Contactor & LR1D Relay in S.S. Enclosure

[HSN Code: 8536]

Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay LR1D Range Amps	MRP (₹)	MOQ
HP	kW				
3	2.2	BE3DXEAP163#307	1.6-2.5	26370	6
3	2.2	BE3DXEAP163#308	2.5-4.0	26370	
5	3.7	BE3DXEAP163#310	4.0-6.0	26370	
7.5	5.6	BE3DXEAP163#312	5.5-8.0	26370	
10	7.5	BE3DXEAP163#314	7.0-10.0	26370	
12.5	9.3	BE3DXEAP163#316	10.0-13.0	26370	
12.5	9.3	BE3DXEAP163#316X	9.0-14.0	26370	
15	11.2	BE3DXEAP203#321	13.0-18.0	29810	
20	15	BE3DXEAP253#321X	14.0-22.0	29810	
25	18.6	BE3DXEAP253#322	18.0-25.0	29810	

DOL Starter with TC1DXEA Contactor & LR1D Relay in S.S. Enclosure

[HSN Code: 8536]



Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay LR1D Range Amps	MRP (₹)	MOQ
HP	kW				
0.5	0.37	BE1DXEAP163#305	0.63-1.0	7330	2
0.75	0.55	BE1DXEAP163#306	1.0-1.6	7330	
1.5	1.1	BE1DXEAP163#307	1.6-2.5	7330	
2	1.5	BE1DXEAP163#308	2.5-4.0	7330	
3	2.2	BE1DXEAP163#310	4.0-6.0	7330	
5	3.7	BE1DXEAP163#312	5.5-8.0	7330	
5.5	4	BE1DXEAP163#314	7.0-10.0	7330	
7.5	5.5	BE1DXEAP163#316	10.0-13.0	7330	
7.5	5.5	BE1DXEAP163#316X	9.0-14.0	7330	
12	9	BE1DXEAP203#321	13.0-18.0	8280	
12	9	BE1DXEAP253#321X	14.0-22.0	8280	
15	11	BE1DXEAP253#322	18.0-25.0	8280	
20	15	BE1DXEAP403#353	23.0-32.0	12530	
20	15	BE1DXEAP403#355	28.0-40.0	12530	

Coil voltage code for Exceed DOL & Star Delta starter

Motor Starter	Voltage		
BE1DXEAP/BE3DXEAP	220	190-400	250-450

Industrial Starters are available in the above wide band operating range Standard coil voltages.

Heavy Duty DOL Starter Type DX-P with robust 4 Pole Contactor & LR1D OLR in S.S. enclosure

[HSN Code: 8536]



Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay LR1D Range Amps	MRP (₹)	MOQ
HP	kW				
1.5	1.1	BE1DXP204#307	1.6-2.5	POR	6
2.0	1.5	BE1DXP204#308	2.5-4.0		
3	2.2	BE1DXP204#310	4.0-6.0		
5	3.7	BE1DXP204#312	5.5-8.0		
5.5	4.0	BE1DXP204#314	7-10		
7.5	5.5	BE1DXP204#316X	9-14		
12	9	BE1DXP204#321	13-18		
15	11	BE1DXP254#321XH	14-22		
		BE1DXP254#322	18-25		
25	18	BE1DXP404#353	23-32		

Motor Starters

Conforming IS/IEC60947-4-1

Heavy Duty Automatic Star Delta Starter Type DX-P with robust 4 Pole Contactor & LR1D OLR, Electronic Star Delta Timer in S.S. enclosure [HSN Code: 8536]



Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay LR1D Range Amps	MRP (₹)	MOQ
HP	kW				
7.5	5.5	BE3DXP204#312	5.5-8.0	28610	2
12	9	BE3DXP204#314	7.0-10	28610	
15	11	BE3DXP204#316X	9-14	28610	
20	15	BE3DXP204#321	13-18	28960	
		BE3DXP254#321XH	14-22	32540	
25	18	BE3DXP254#322	18-25	32540	
30	22	BE3DXP254#353	23-32	37400	

AC Coil Voltage Codes (Standard) for Heavy Duty Industrial Starter Type DX-P

Industrial Starter	Voltage		
BE1-DXP	220	190-400#	250-450#
BE3-DXP	-	190-400#	250-450#
Coil Code	M	Q	N

Industrial Starters are available in the above wide band operating range Standard coil voltages.

DOL Starter with D range Contactor & LR1D OLR in Plastic Enclosure [HSN Code: 8536]



Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
HP	kW				
0.5	0.37	LE1D173#305	0.63-1.00	6060	1
0.75	0.55	LE1D173#306	1.0-1.60	6060	
1.5	1.1	LE1D173#307	1.60-2.50	6060	
2	1.5	LE1D173#308	2.50 ~ 4.00	6060	
3	2.2	LE1D173#310	4.00 ~ 6.00	6060	
5	3.7	LE1D173#312	5.50 ~ 8.00	6060	
7.5	5.5	LE1D173#316X	9.0 ~ 14.0	6060	
12	9	LE1D253#321	13.0 ~ 18.0	12470	
15	11	LE1D253#322	18.0 ~ 25.0	12470	

DOL Starter with D range Contactor & LR1D OLR in S.S. Enclosure [HSN Code: 8536]



Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
HP	kW				
0.5	0.37	BE1D1735#305	0.63-1.00	7190	1
0.75	0.55	BE1D1735#306	1.0-1.60		
1.5	1.1	BE1D1735#307	1.60-2.50		
2	1.50	BE1D1735#308	2.50-4.0		
3	2.2	BE1D1735#310	4.00-6.00		
5	3.7	BE1D1735#312	5.50-8.00		
7.5	5.5	BE1D1735#316X	9.0-14.0	14920	
12	9	BE1D2535#321	13.0-18.0		
15	11	BE1D2535#322	18.0-25.0		
20	15	BE1D3235#353	23.0-32.0		24710
30	22	BE1D4035#355	28.0-40.0	36180	
35	25	BE1D5035#357	38.0-50.0	40360	
40	30	BE1D6335#359	48.0-57.0	47000	



Motor Starters

Conforming IS/IEC60947-4-1

Reversing Starter with D range Contactor & LR1D OLR in S.S Enclosure

[HSN Code: 8536]



Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
HP	KW				
0.5	0.37	BE2D1735■305	0.63~1.00	22150	1
0.75	0.55	BE2D1735■306	1.0~1.60		
1.5	1.1	BE2D1735■307	1.60~2.50		
2.0	1.5	BE2D1735■308	2.50~4.00		
3.0	2.2	BE2D1735■310	4.00~6.00		
5.0	3.7	BE2D1735■312	5.50~8.00		
5.5	4.0	BE2D1735■314	7.00~10.0		
7.5	5.5	BE2D1735■316X	9.0~14.0		
12.0	9.0	BE2D2535■321	13.0~18.0	27410	
15.0	11.0	BE2D2535■322	18.0~25.0	30810	
20.0	15.0	BE2D3235■353	23.0~32.0	45430	

Automatic Star Delta Starter with D range Contactor & robusta (F Range), LR1D OLR & Electronic Star Delta Timer

[HSN Code: 8536]



Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
KW	HP				
3	4	BE3D1735■308	2.5~4.0	26320	1
4	5.5	BE3D1735■310	4.0~6.0		
5.5	7.5	BE3D1735■312	5.5 ~ 8.0		
9	12	BE3D1735■314	7.0 ~ 10.0		
11	15	BE3D1735■316X	9.0 ~ 14.0		
15	20	BE3D2235■321	13.0 ~ 18.0	27350	
18	25	BE3D2535■322	18.0 ~ 25.0	37060	
22	30	BE3D3235■322	18.0 ~ 25.0	61750	
25	35	BE3D3235■353	23.0 ~ 32.0		
30	40	BE3D4035■355	30.0 ~ 40.0	74350	
37	50	BE3D5035■355	30.0 ~ 40.0	99140	
51	70	BE3D6335■359	48.0 ~ 57.0	163530	
59	80	BE3D8035N 361	57.0 ~ 66.0		
75	100	BE3F115 363	66.0 ~ 80.0	200990	
90	125	BE3F115N105	65.0 ~ 105.0	239000	
110	150	BE3F150N125	80.0 ~ 125.0	246520	
132	180	☒BE3F185N160	100.0~160.0	393460	
160	220	☒BE3F185N200	125.0~200.0		
200	270	☒BE3F265N250	160.0~250.0	430340	
220	300	☒BE3F330N315	200.0~315.0	446020	
260	350	☒BE3F330S315	200.0~315.0		

Motor Starters

Conforming IS/IEC60947-4-1

Semi-Automatic Star Delta Starter with D range Contactor, LR1D OLR [HSN Code: 8536]

Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
kW	HP				
3	4	BE3D1735■308SA	2.5 ~ 4	18890	1
4	5.5	BE3D1735■310SA	4 ~ 6		
5.5	7.5	BE3D1735■312SA	5.5 ~ 8		
9	12	BE3D1735■314SA	7 ~ 10		
11	15	BE3D1735■316XSA	9 ~ 14	26040	
15	20	BE3D2535■321SA	13 ~ 18		
18	25	BE3D2535■322SA	18 ~ 25		

Coil Voltage Codes (Standard) for DOL Starters with D range Contactor

Motor Starter	Voltage	
BE1-D/LE1-D	220V	415V
Coil Code	UW	N

** DOL Motor Starter are available only in the above Standard Coil Voltages.

Coil Voltage Codes (Standard) for DOL & Star Delta Starters with D range Contactor

Motor Starter	Voltage	
BE1-D / BE2-D / BE3-D / BE3-F	380#	415
Coil Code	NW	N

Wide Band Coil available for Star Delta Starters upto 40HP only.

How to order Industrial Starter:

- Complete the code by replacing the blue square (■) by the letter(s) corresponding to the Coil Voltage selected.
- Industrial DOL Starters should be selected based on the FLC of Pump/Motor & Coil Voltage required.

Custom Built Motor Starters Solutions

■ Smart Start Delta Starter rating 40 HP to 150 HP 3 Phase 415V AC

- Incomer 3 Pole MCCB, 10-25kA
- Selection of liberal D range, air break Contactor
- Electronic motor protection relay with built-in feature having pause of 0.30 sec for motor protection against single phasing
- Electronic Star Delta Timer
- Housed in free standing IP 54 sheet steel enclosure with bottom cable entry
- Optional facility: Water Level Controller also available

■ Intelligenet Star Delta Starter rating 40 HP to 350 HP 3 Phase 415V AC

- Incomer 3 Pole MCCB, 10-25kA
- Selection of liberal D range, air break Contactor
- Digital motor protection Relay type mPro100 with 7 segment display to assure complete motor protection against overload, phase loss, under current, unbalance, motor stall, earth fault, locked rotar
- Electronic Star Delta Timer
- Housed in free standing IP 54 sheet steel enclosure with bottom cable entry

How to order Star Delta Starter:

- Complete the code by replacing the blue square (■) by the letter(s) corresponding to the Coil Voltage selected.
- Star Delta starters should be selected based on the FLC of the Pump/Motor phase current (Motor FLC X 0.58) & Coil Voltage required.

■ Intelligent Auto Transformer Starter rating 40 HP to 350 HP 3 Phase 415V AC (closed transition)

- Incomer 3 Pole MCCB, 10-25kA
- Selection of liberal D range, air break Contactor
- Digital motor protection Relay type mPro100 with 7 segment display to assure complete motor protection against overload, phase loss, under current, unbalance, motor stall, earth fault, lock rotar
- Auto Transformer, air cooled, 6 starts/hours with built-in thermister having tapping at 50%, 60% & 80% of the rated voltage
- Electronic Timer for changeover function
- Housed in free standing IP 54 sheet steel enclosure with bottom cable entry



CS1 Series Starters

CS1 Series Star Delta Starters are available with contactors type CS1, CS2 & CS3 having 16A, 25A, 32A AC3 duty. These Starters having following features:

- Conforms to IEC 60947-4-1
- Wide band coil
- Rugged design which is durable and easy for maintenance
- Spares are available across the country

3Ø DOL Starters in SS Enclosure

[HSN Code: 8536]



Reference	Relay Range (Amp)	Maximum Motor Output at 415V, 3 Phase		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
CS1DO■1525	1.5-2.5	0.75	1	5420	1
CS1DO■2504	2.5-4	1.5	2		
CS1DO■0406	4-6.5	3	4		
CS1DO■0610	6-10	4.5	6		
CS1DO■0914	9-14	5.5	7.5		
CS1DO■1118	11-18	5.5	7.5	5510	
CS1DO■1322	13-22	5.5	7.5	5605	
CS2DO■1322	13-22	5.5	7.5	6040	
CS2DO■2032	20-32	5.5	7.5	6130	
CS3DO■2032	20-32	5.5	7.5	6300	

3Ø Fully Automatic Star-Delta starters in SS Enclosure

[HSN Code: 8536]



Reference	Relay Range (Amp)	Max. Motor Output at 415V, 3 Phase		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
CS1SD■0610NR	6-10	7.5	10	21480	1
CS1SD■0914NR	9-14	9.3	12.5		
CS1SD■1118NR	11-18	11	15	21750	
CS1SD■1322NR	13-22	11	15	21940	
CS2SD■1322NR	13-22	11	15	22260	
CS2SD■2032NR	20-32	11	15	22640	
CS3SD■2032NR	20-32	16	22	23180	

3Ø DOL in S.S. Enclosure

[HSN Code: 8536]

Incorporating Heavy Duty 4 Pole Contactor type TC1-DX with wide band operating coil, Overload relay type LR3D with manual re-set and yellow flag for trip indication



Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE1DXM204■307NR	1.6-2.5	0.75	1	6725	6
BE1DXM204■308NR	2.5-4	1.1/1.5	1.5/2		
BE1DXM204■310NR	4-6	2.2	3		
BE1DXM204■312NR	5.5-8	2.2	3		
BE1DXM204■314NR	7-10	3.7	5		
BE1DXM204■316XNR	9-14	3.7/4	5/5.5		
BE1DXM204■321NR	13-18	5.5	7.5	7140	
BE1DXM254■321XNR	14-22	7.5	10	7920	
BE1DXM254■322NR	18-25	10	12	8170	
BE1DXM404■353NR	23-32	11	15	10630	

Motor Starters

Conforming IS/IEC60947-4-1

3Ø Automatic Star Delta Starter in S.S Enclosure

[HSN Code: 8536]

Incorporating Heavy Duty 4 Pole Contactor type TC1-DX with wide band operating coil, Overload relay type LR3D for motor protection & Electronic Star Delta Timer



Reference	Relay Range (Amp)	Std. Power Rating for 3P at 415V		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3DXM204■308NR	2.5-4	1.5	2	21520	2
BE3DXM204■310NR	4-6	2.2	3		
BE3DXM204■312NR	5.5-8	3.7	5		
BE3DXM204■314NR	7-10	5.5	7.5		
BE3DXM204■316XNR	9-14	9	12		
BE3DXM204■321NR	13-18	11	15	22635	
BE3DXM254■321XNR	14-22	11	15	24875	
BE3DXM254■322NR	18-25	11	15		
BE3DXM254■353NR	23-32	15/18	20/25	28800	

3Ø Semi Automatic Star Delta Starter in S.S Enclosure

[HSN Code: 8536]

Incorporating Heavy Duty 4 Pole Contactor type TC1-DX with wide band operating coil, Overload relay type LR3D for motor protection



Reference	Relay Range (Amp)	Std. Power Rating for 3P at 415V		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3DXM204■314SANR	7-10	9	12	19520	2
BE3DXM204■316XSANR	9-14	11	15		
BE3DXM204■321SANR	13-18	15	20	20635	
BE3DXM254■321XSANR	14-22	18	25	22875	
BE3DXM254■322SANR	18-25	18	25		
BE3DXM254■353SANR	23-32	22.5	30	22410	

3Ø Submersible Pump Starter Automatic Star Delta in S.S. Enclosure

[HSN Code: 8536]

Incorporating Heavy Duty 4 Pole contactor type TC1-DX with wide band operating coil, Overload relay type LR1D with pneumatic timer



Reference	Relay (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3DXM204■307PTNR	1.6-2.5	1.5	2	20705	1
BE3DXM204■308PTNR	2.5-4	3	4		
BE3DXM204■310PTNR	4-6	4	5.5		
BE3DXM204■312PTNR	5.5-8	5.5	7.5		
BE3DXM204■316XPTNR	9-14	11	15		
BE3DXM204■321PTNR	13-18	15	20	21090	
BE3DXM254■321XPTNR	14-22	18	25	23285	
BE3DXM254■322 PTNR	18-25	18	25		
BE3DXM254■353 PTNR	23-32	22.5	30	24630	

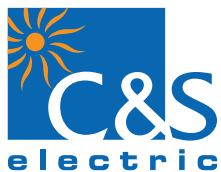
Coil Voltage Codes (Standard) for DOL / Star Delta Starters

Coil Voltage (AC) 50Hz	Voltage	
	190-400 Q	250-440 N

Protection Measurement & Control Devices



- Surge Protection Device
- Digital Panel Meters
- Multi Function Meters
- Power Factor Controller
- Power Quality Measurements
- Demand Controller
- Electronic Motor Protection Relay
- Electronic Motor Protection Relay-CSMP
- Earth Leakage Relay
- DG AMF / Synchronizing Controller
- Voltage & Current Monitoring Relay & Timer
- Temperature Sensor



AC & DC SURGE PROTECTION DEVICE



Type 2, Type 1+2

Engineered to Deflect
Designed to Protect



Features

- Available in both AC & DC
- Pole: 1P+N, 2P, 3P, 3P+N
- Degree of protection IP20
- DIN Rail Mounted
- With Remote signal contact
- Pluggable Module for Easy Replacement

Reference	HSN Code	Type	Voltage (Uc)	I _{max}	Pole	MRP (₹)	Std. Pkg. (Nos)	
CSPDT2385AC1PN	8536	Type2	AC	385V	40kA	1P+N	2810	2
CSPDT2385AC3PN	8536			385V	40kA	3P+N	4050	1
CSPDT2600DC2P	8536	Type2	DC	600V	40kA	2P	2810	2
CSPDT21000DC3P	8536			1000V	40kA	3P	3680	1
CSPDT21500DC3P	8536			1500V	40kA	3P	4970	1
CSPDT120385AC1PN	8536	Type 1+2	AC	385V	50kA	1P+N	9580	2
CSPDT120385AC3PN	8536			385V	50kA	3P+N	17400	1
CSPDT120880AC3P	8536			880V	50kA	3P	16630	2
CSPDT121300AC3P	8536			1300V	50kA	3P	17100	2
CSPDT1290011DC3P	8536	Type 1+2	DC	900V	50kA	3P	12060	2
CSPDT1215005DC3P	8536			1500V	50kA	3P	11040	2
CSPDT121500125DC3P	8536			1500V	50kA	3P	26110	1
CSPDET2320AC1PN	8536	Type2	DC	320V	40kA	1P+N	2400	2
CSPDET2600DC2P	8536	Type2	DC	600V	40kA	2P	2400	2

SPD Type2 - Ordering Information

CSPD	T2	V	P
SPD Series	TYPE2	VOLTAGE	POLE
	T2	385AC 600DC 1000DC 1500DC	1PN* 2P 3P 3PN*

NOTE: * is only for Type2 AC SPD

SPD Type1+2 - Ordering Information

CSPD	T12	V	P
SPD Series	TYPE1+2	VOLTAGE	POLE
	T12	385AC 880AC 1300AC 900DC 11** 1500DC 5** 1500DC 12.5**	1PN* 3P 3PN*

NOTE: * is only for Type1+ 2 385AC.
** is Impulse discharge current (Iimp)

METERING SOLUTIONS



Basic Meter



DC Energy Meter



Energy Meter



Multifunction Meter



Power Quality Analyser

Features

- High & Low measurement of voltage & current
- Alpha numeric display
- Single row LCD/3 Row customized LED
- Dynamic communication*
- Direct metering
- Complete range from Basic Meter to Power Analyser

Branch Circuit Power monitor



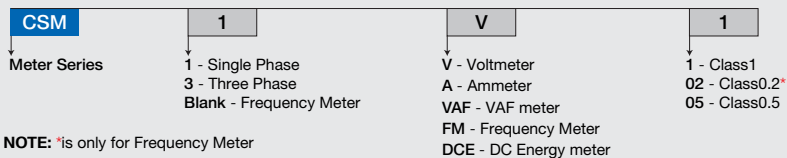
BASIC METERS

Reference	Description	HSN Code	MRP (₹)
CSM1V1	Single Phase Voltmeter, Class 1.0, AUX 80-300V AC/DC	9030	1650
CSM1A1	Single Phase Ammeter, Class 1.0, 5A, AUX 80-300V AC/DC	9030	1650
CSM3V1	Three Phase Voltmeter, Class 1.0, AUX 80-300V AC/DC	9030	2490
CSM3A1	Three Phase Ammeter, Class 1.0, AUX 80-300V AC/DC	9030	2740
CSM1V05	Single Phase Voltmeter, Class 0.5 AUX 80-300V AC/DC	9030	2110
CSM1A05	Single Phase Ammeter, Class 0.5, AUX 80-300V AC/DC	9030	2110
CSMFM02	Frequency Meter, Class 0.2, AUX 80-300V AC/DC	9030	2210
CSM3V05	Three Phase Voltmeter, Class 0.5, AUX 80-300V AC/DC	9030	2740
CSM3A05	Three Phase Ammeter, Class 0.5, AUX 80-300V AC/DC	9030	2750
CSM3VAF1	VAF Meter, Class 1.0, 5A Inbuilt (3 Rows), AUX 80-300V AC/DC	9030	3200
CSM3VAF05	VAF Meter, Class 0.5, 5A Inbuilt (3 Rows), AUX 80-300V AC/DC	9030	3520

DC ENERGY METER

Reference	Description	HSN Code	MRP (₹)
CSMDCE1D1	Class1.0, Single Channel DC Energy Meter	9030	POR
CSMDCE1D4	Class1.0, Four Channel DC Energy Meter	9030	POR

Basic Meter - Ordering Information





Protection, Measurement & Control Devices

ENERGY METER			
Reference	Description	HSN Code	MRP (₹)
CSMEM1	Energy Meter,Class 1.0,User selectable any one parameters from VAF or Kw or PF or KVA or Kwh (Single Row LED)	9030	4430
CSMEM1-C	Energy Meter,Class 1.0,RS485, User selectable any one parameters from VAF or Kw or PF or KVA or Kwh (Single Row LED)	9030	5490
CSMEM05	Energy Meter,Class 0.5, User selectable any one parameters from VAF or Kw or PF or KVA or Kwh (Single Row LED)	9030	5450
CSMEM05-C	Energy Meter,Class 0.5,RS485, User selectable any one parameters from VAF or Kw or PF or KVA or Kwh (Single Row LED)	9030	6140
CSKWH1CT	Energy Meter,Class 1.0, 5A Inbuilt, Counter type	9030	5720

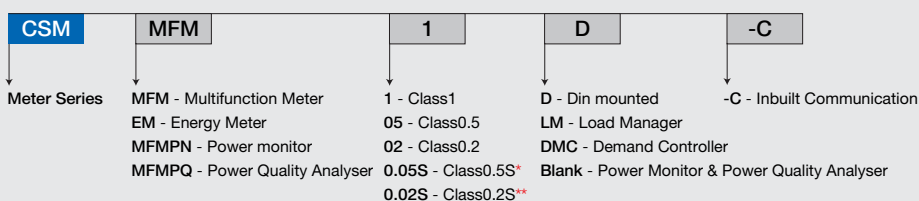
MULTIFUNCTION METER			
Reference	Description	HSN Code	MRP (₹)
CSMFM1-C	MFM,Class 1.0,RS485, AVF, PF, KW, KVA , KWh / KVAh (Any one),Load Hours, ON Hours, OLD Energy - 3Rows LED	9030	9420
CSMFM05-C	MFM,Class 0.5,RS485, AVF, PF, KW, KVA , KWh / KVAh (Any one)Load Hours, ON Hours, OLD Energy- 3Rows LED	9030	9910
CSMMFM15D-C	MFM, Class 1.0, RS 485 , AVF, PF, KW, KVA, KWh, KVAh, Load Hours, ON Hours, 100A Direct 5 Module DIN Mount Single row LCD	9030	10570
CSMMFM1D-C	MFM, Class 1.0 , RS 485, Single Phase , AVF, PF, KW, KVA, KWh, KVAh, Load Hours,ON Hours, CO2, 2 Module DIN Mount), 100A Direct measurement	9030	6660
CSMMFM1LM-C	MFM, Class 1.0,RS485, AVF, PF, KW, KVA, KWh, KVAh, KVRh, Import energy, - 4 Rows LED,Load Hours, ON Hours, No of Interrupts, THD V&A, Hi-Low recordings	9030	13680
CSMMFM05LM-C	MFM, Class 0.5,RS485, AVF, PF, KW, KVA, KWh, KVAh, KVRh, Import energy, - 4 Rows LED,Load Hours, ON Hours, No of Interrupts, THD V&A,Hi-Low recordings	9030	15690
CSMMFM1DMC-C	MFM, Class 1.0,RS485, AVF, PF, KW, KVA, KWh, KVAh, KVRh, Import energy, - 4 Rows LED,Load Hours, ON Hours, no of Interrupts, THD V&A, Hi-Low recordings, 4 relay demand controller with TOD	9030	39510
CSMMFM05DMC-C	MFM, Class 0.5s,RS485, AVF, PF, KW, KVA, KWh, KVAh, KVRh, Import energy, - 4 Rows LED,Load Hours, ON Hours, no of Interrupts, THD V&A, Hi-Low recordings, 4relay demand controller with TOD	9030	46050

POWER MONITOR			
Reference	Description	HSN Code	MRP (₹)
CSMFMPN05S-C	PQ parameters, Class 0.5S RS485, AVF, PF, KW, KVA, KWh, KVAh, KVRh,Import and Export energy, Total and Net Energy, Load Hours, ON Hours, CO2, Power Cycle,THD, K factor, Crest Factor, TEHD, TOHD, Voltage with IH upto 63rd, RTC, 8 TOD, High Low Instantaneous, Sag, Swell,and Current Squared Hours, Demand Monitor2DI+2DO, 256MB Data Logging, Ethernet Port - 4 Rows LCD	9030	POR

POWER QUALITY ANALYSER			
Reference	Description	HSN Code	MRP (₹)
CSMFMPQ02S-C	Power Quality Analysers, Class 0.2S, RS485, AVF, PF, KW, KVA, KWh, KVAh, KVRh, Import and Export energy, Total and Net Energy, Load Hours, ON Hours, CO2, Power Cycle, THD, K factor,Crest Factor, TEHD, TOHD, Voltage and Current Squared Hours, Demand Monitor with IH upto63rd, RTC, 8 TOD, High Low Instantaneous, Sag, Swell, TDD, 2DI+2DO,2GB Data Logging, Ethernet Port - 3.5" TFT	9030	POR

BRANCH CIRCUIT POWER MONITOR			
Reference	Description	HSN Code	MRP (₹)
CSlink32A	ET5030D11500 - different variants -32A	9030	62000
CSlink50A	ET5030D11500 - different variants -50A	9030	66760

Multifunction, Energy Meter - Ordering Information



NOTE: *is only for Power Monitor **is only for Power Quality Analyser
CSKWH1CT is Counter Type Energy Meter

ALARM ANNUNCIATOR



Key Features

- Wide range 4 to 64 Windows
- Compact design
- Communicable
- In-built Buzzer
- Power fail memory retention
- Dual Power supply option



Protection, Measurement & Control Devices

Alarm Annunciator

- Conforms standard IEC 61000-4-12
- Power consumption 0.5VA / Window
- Fault input contact NO / NC site selectable
- Scan time <10ms
- Response time <10ms

No of Window	Reference	Window Size (mm)	HSN Code	MRP (₹)
4	CSAN041D-■	30 x 65	9030	6280
6	CSAN061D-■	30 x 30	9030	9060
8	CSAN081D-■	30 x 30	9030	10680
10	CSAN102D-■	30 x 65 (2 W)	9030	12220
12	CSAN122D-■	30 x 30 (8 W) 30 x 65 (4 W)	9030	14670
16	CSAN162D-■	30 x 30	9030	19560
20	CSAN203D-■	30 x 30 (16 W) 30 x 65 (4 W)	9030	24450
24	CSAN243D-■	30 x 30	9030	29330
28	CSAN284D-■	30 x 30 (24 W) 30 x 65 (4 W)	9030	34230
32	CSAN324D-■	30 x 30	9030	39120
36	CSAN365D-■	30 x 30 (32 W) 30 x 65 (4 W)	9030	44010
40	CSAN405D-■	30 x 30	9030	48900
48	CSAN486D-■	30 x 30	9030	58680
64	CSAN648D-■	30 x 30	9030	78250

Alarm Annunciator - Ordering Information

CSAN	Windows	Window Size	Power Supply
Alarm Annunciator	4, 6, 8 6, 8, 10, 12, 14, 16 12, 18, 20, 24 16, 28, 32 20, 36, 40 24, 48 32, 64	(W x H in mm) Applicable No. of Windows 1D 68 x 138 mm 4, 6, 8 2D 138 x 138 mm 8, 10, 12, 14, 16 3D 210 x 138 mm 12, 18, 20, 24 4D 282 x 138 mm 16, 28, 32 5D 355 x 138 mm 20, 36, 40 6D 428 x 138 mm 24, 48 8D 565 x 138 mm 32, 64	U Auxiliary Supply: 90-270 VAC / VDC D Auxiliary Supply: 20/60 VDC B* Auxiliary Supply: 90-270 VAC / VDC + Standby Supply: 20-60 VDC C* Auxiliary Supply: 90-270 VAC / VDC + Standby Supply: 90-270 VAC / VDC

Example Product Ordering Codes

- CS-AN-12-3D-U
Alarm Annunciator, 12 Windows, Panel Cut-Out 210 x 138 mm, Auxiliary Supply 90-270 VAC/VDC
- CS-AN-48-6D-C
Alarm Annunciator, 48 Windows, Panel Cut-Out 428 x 138 mm, Auxiliary Supply: 90-270 VAC / VDC + Standby Supply: 90-270 VAC / VDC

Note:

* Refers to Dual Supply at extra cost, pls contact nearest branch office.

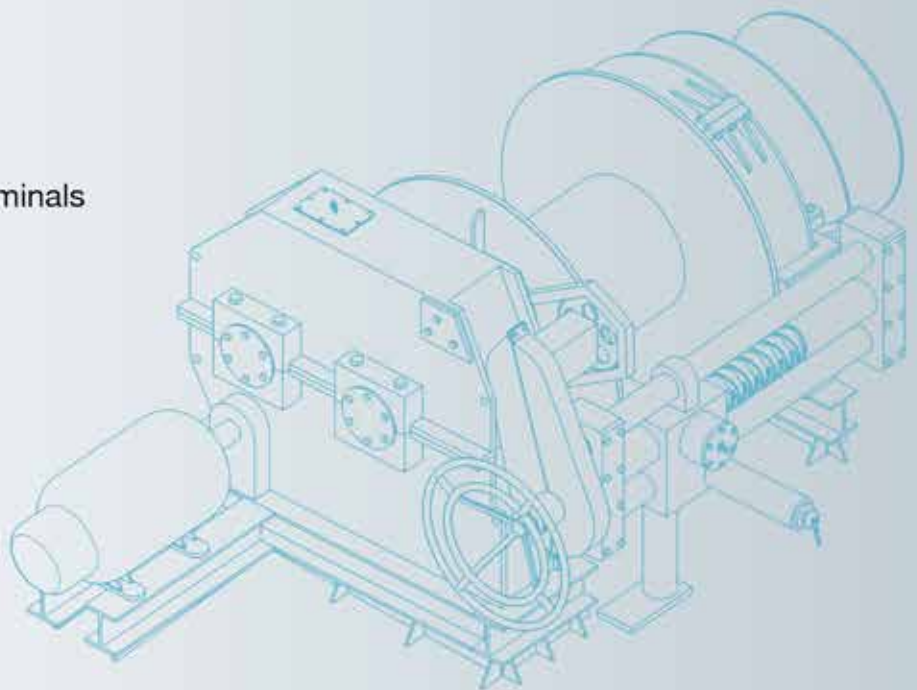


POWER CAPACITOR



Key Features

- Self-healing technology
- Optimized capacitor safety terminals
- Low Internal Power Losses
- High Insulation Resistance
- Shock Proof Terminals
- Connection: D (Delta)
- Overpressure disconnecter
- Non-PCB oil encapsulation



Power Capacitor

- Conforms standards: IEC 60831-1:2014
- Wide Voltage Range: 440, 480, 525
- Available from 1kVAR to 50kVAR

Standard Duty

- Over current withstand capacity: 1.3 times of rated current
- In-rush current: 150xIn
- Temperature: -25°C to + 55°C
- Operating hours: up to 100,000

kVAR Rating - 440V	Reference	MRP (₹) Per kVAR	MOQ
1	CSCAPSD001440	420	36N
2.5	CSCAPSD025440		
3	CSCAPSD003440		50N
4	CSCAPSD004440		
5	CSCAPSD005440		
7.5	CSCAPSD075440	320	16N
10	CSCAPSD10440		
12.5	CSCAPSD125440		
15	CSCAPSD15440		9N
20	CSCAPSD20440		
25	CSCAPSD25440		
30	CSCAPSD30440	8N	
40	CSCAPSD40440		
50	CSCAPSD50440		

Heavy Duty

- Over current withstand capacity: 2.0 times of rated current
- In-rush current: 300xIn
- Temperature: -25°C to + 70°C
- Operating hours: up to 150,000

kVAR Rating - 480V	Reference	MRP (₹) Per kVAR	MOQ
1	CSCAPHD001480	560	36N
2.5	CSCAPHD025480		
3	CSCAPHD003480		50N
4	CSCAPHD004480		
5	CSCAPHD005480		
7.5	CSCAPHD075480	510	16N
10	CSCAPHD10480		
12.5	CSCAPHD125480		
15	CSCAPHD15480		9N
20	CSCAPHD20480		
25	CSCAPHD25480		
30	CSCAPHD30480	470	8N
40	CSCAPHD40480		
50	CSCAPHD50480		



Protection, Measurement & Control Devices

Power Capacitor

Super Heavy Duty

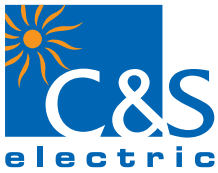
- Over current withstand capacity: 2.5 times of rated current
- In-rush current: 500xIn
- Temperature: up to 80°C
- Operating hours: up to 200,000

kVAR Rating - 525V	Reference	MRP (₹) Per kVAR	MOQ
1	CSCAPSHD001525	669	36N
2.5	CSCAPSHD025525		
3	CSCAPSHD003525		50N
4	CSCAPSHD004525		
5	CSCAPSHD005525		16N
7.5	CSCAPSHD075525		
10	CSCAPSHD10525		
12.5	CSCAPSHD125525	570	
15	CSCAPSHD15525		
20	CSCAPSHD20525	530	9N
25	CSCAPSHD25525		
30	CSCAPSHD30525		
33.1	CSCAPSHD331525		
40	CSCAPSHD40525		
50	CSCAPSHD50525		8N

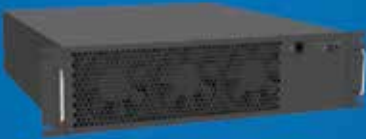
Power Capacitor - Ordering Information

CSCAP	SD	001	440
Capacitor	SD Standard Duty HD Heavy Duty SHD Super Heavy Duty	001 1kVAr 025 2.5kVAr 003 3kVAr 004 4kVAr 005 5kVAr 075 7.5kVAr 10 10kVAr 125 12.5kVAr 15 15kVAr 20 20kVAr 25 25kVAr 30 30kVAr 331**** 33.1kVAr 40 40kVAr 50 50kVAr	440* - 440V 480** - 480V 525*** - 525V

NOTE:
 * is only available for SD
 ** is only available for HD
 *** is only available for SHD
 **** is only available for SHD

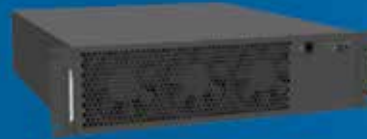


MITIGATE YOUR ^{New} POWER QUALITY ISSUES



APF

Reduce Network losses
Reduce Hazardous & failure



AVG

Improved Power Factor
Enhanced capacity utilization
Optimised voltage stability



Reactor

Eliminates Harmonic Amplification
Reduce overheating of Transformer
Prolonged power factor capacity



APFCR

Provides fast & precise switching
Available for both contactor & thyristor switching
RS485 Module RTU Protocol



TSM

Save operational cost.
High accuracy
Eliminates inrush current.



Power Factor controller for Capacitor Switching

Single CT-Sensing

Features

- 6/8/12 Conventional (Contactor switching) Power Factor Controller
- Protection & Indication of abnormal condition such as over/under compensation, over Voltage, over/under Current etc.
- Wide range of CT ratio & Target PF Selection
- Automatic C/K Setup Mode.
- Indication of Active bank through LED's
- Selection of various wiring scheme



Description	Reference	HSN Code	MRP (₹)
Single CT Input Controller (LED based)			
6 Stage APFC Controller with Single CT Input	CSPF-100-R06-110	85381010	17020
8 Stage APFC Controller with Single CT Input	CSPF-100-R08-110	85381010	20160
12 Stage APFC Controller with Single CT Input	CSPF-100-R12-110	85381010	23010
Single CT Input Controller (LCD based)			
6 Stage APFC Controller with Single CT Input	CSPF-200-R06-220	85381010	22690
8 Stage APFC Controller with Single CT Input	CSPF-200-R08-220	85381010	24860
12 Stage APFC Controller with Single CT Input	CSPF-200-R12-220	85381010	27210

Three CT-Sensing

Features

- Configurable Alarm Settings for Voltage / Current / THD
- Auto CT Polarity detection.
- Auto Aging Detection & Correction of Capacitor Value.
- 6, 8 & 12 steps.
- Under compensation alarm (optional).
- User selection of Auto / Manual / Off individual of Capacitor mode.
- ModBus - RTU communication



Reference	Description	Steps	HSN Code	MRP (₹)	Std. Pkg. (Nos.)
CS3PFC-96-R6	Controller for Capacitor switching with 3P-3CT	6	8538	26280	1
CS3PFC-96-R8		8	8538	28820	
CS3PFC-96-R12		12	8538	39560	
CS3PFC-96-R6-C	Controller for Capacitor switching with 3P-3CT, RS485, Alarm contact	6	8538	27150	1
CS3PFC-96-R8-C		8	8538	29690	
CS3PFC96-R12-C		12	8538	42960	



Protection, Measurement & Control Devices

Power Factor Controller For Capacitor & Shunt Reactor Switching

Features



- APFC Relay
- CT Sensing
- Built in MFM with PF controller LCD display
- Leading PF compensation using shunt reactor
- CT Polarity Auto Correction % THD upto 31st harmonics
- Alarms: Under / Over compensation, High voltage, THD-I, THD-V,
- FAN Output (optional)
- Sizes upto 8,12,16 Relay
- RS 485 Modbus RTU Protocol
- Available for both contactor and thyristor switching

Reference	Description	Steps	HSN Code	MRP (₹)	Std. Pkg. (Nos.)
CS3PFCR-144-R8	Controller for Capacitor & Shunt Reactor switching with 3P-3CT	8	8538	35830	1
CS3PFCR-144-R12		12	8538	42780	
CS3PFCR-144-R16		16	8538	42410	
CS3PFCR-144-R8-C	Controller for Capacitor & Shunt Reactor switching with 3P-3CT , RS485, Alarm	8	8538	40220	1
CS3PFCR-144-R12-C		12	8538	47540	
CS3PFCR-144-R16-C		16	8538	59970	

DETUNED REACTOR (HD REACTOR, 7% IPOO)



kVAR rating	Reference (Aluminium)	MRP (₹)	Reference (Copper)	MRP (₹)	HSN Code	Std. Pkg. (Nos.)
5KVAR	CSR7AL5	POR	CSR7CU5	POR	8504	1
10KVAR	CSR7AL10		CSR7CU10		8504	
12.5KVAR	CSR7AL12.5		CSR7CU12.5		8504	
15KVAR	CSR7AL15		CSR7CU15		8504	
20KVAR	CSR7AL20		CSR7CU20		8504	
25KVAR	CSR7AL25		CSR7CU25		8504	
30KVAR	CSR7AL30		CSR7CU50		8504	
50KVAR	CSR7AL50		CSR7CU100		8504	
100KVAR	CSR7AL100		-		8504	



Protection, Measurement & Control Devices



THYRISTOR SWITCHING MODULE

rating	1800		2200		MRP (₹)	HSN Code	Std. Pkg. (Nos.)
	440V	690	440V	690			
	Reference	Reference	Reference	Reference			
5kVAr	CSTM1805440	CSTM1805690	CSTM2205440	CSTM2205690	POR	8504	1
10kVAr	CSTM1810440	CSTM1810690	CSTM2210440	CSTM2210690			
15kVAr	CSTM1815440	CSTM1815690	CSTM2215440	CSTM2215690			
25kVAr	CSTM1825440	CSTM1825690	CSTM2225440	CSTM2225690			
50kVAr	CSTM1850440	CSTM1850690	CSTM2250440	CSTM2250690			
75kVAr	CSTM1875440	CSTM1875690	CSTM2275440	CSTM2275690			
100kVAr	CSTM18100440	CSTM18100690	CSTM22100440	CSTM22100690			

AVG

Features

- Range up to 100kVAr (10kVAr /30kVAr /50kVAr/75kVAr/ 100kVAr)
- Harmonic capacity is restricted to 50% of the overall capacity
- Leading and Lagging reactive power compensation
- Modular solution for future expansion

Active VAR Generator - Rack mountable

AVG Rating	Reference	MRP (₹)	HSN Code	Std. Pkg. (Nos.)
10KVAr 3P/4W AVG, IP20	CSAVG10	POR	8504	1
30KVAr 3P/4W AVG, IP20	CSAVG30		8504	
50KVAr 3P/4W AVG, IP20	CSAVG50		8504	
75KVAr 3P/4W AVG, IP20	CSAVG75		8504	
100KVAr 3P/4W AVG, IP20	CSAVG100		8504	
150KVAr 3P/4W AVG, IP20	CSAVG150		8504	

Active VAR Generator - Wall mountable

AVG Rating	Reference	MRP (₹)	HSN Code	Std. Pkg. (Nos.)
10KVAr 3P/4W AVG, IP20	CSAVG10W	POR	8504	1
30KVAr 3P/4W AVG, IP20	CSAVG30W		8504	
50KVAr 3P/4W AVG, IP20	CSAVG50W		8504	
75KVAr 3P/4W AVG, IP20	CSAVG75W		8504	
100KVAr 3P/4W AVG, IP20	CSAVG100W		8504	
150KVAr 3P/4W AVG, IP20	CSAVG150W		8504	



APF

Features

- Stepless Reactive Power Compensation
- Response Time <10ms
- Improved power factor upto unity
- Compliance with Harmonic Regulations

Active Power Filter - Rack mountable

Product Descriptions	Reference	MRP (₹)	HSN Code	Std. Pkg. (Nos.)
30A 3P/4W APF, IP-20	CSAPF15A	POR	8504	1
50A 3P/4W APF, IP-20	CSAPF50A		8504	
75A 3P/4W APF, IP-20	CSAPF75A		8504	
100A 3P/4W APF, IP-20	CSAPF100A		8504	
150A 3P/4W APF, IP-20	CSAPF150A		8504	
200A 3P/4W APF, IP-20	CSAPF200A		8504	
HMI : 7" Colored Touch screen HMI	CSAVGHMI7	POR	8504	1

Active Power Filter - Wall mountable

Product Descriptions	Reference	MRP (₹)	HSN Code	Std. Pkg. (Nos.)
30A 3P/4W APF, IP-20	CSAPF15AW	POR	8504	1
50A 3P/4W APF, IP-20	CSAPF50AW		8504	
75A 3P/4W APF, IP-20	CSAPF75AW		8504	
100A 3P/4W APF, IP-20	CSAPF100AW		8504	
150A 3P/4W APF, IP-20	CSAPF150AW		8504	
200A 3P/4W APF, IP-20	CSAPF200AW		8504	
HMI : 7" Colored Touch screen HMI	CSAVGHMI7W	POR	8504	1

NOTE:

- In case of Rack mountable, HMI is mandatory and it shall be ordered separately.
- One HMI can communicate and integrate with upto 12 Nos. of modules in single cabinet.
- 7" HMI is to be mounted in the panel door.

NOTE:

- In case of Wall mountable, HMI is mounted on respective module itself.



Protection, Measurement & Control Devices

EOR ELECTRONIC OVERLOAD RELAY

'Solution for Precise Protection'

Upgraded Defence

- Protections Offered: Thermal Overload, Phase Unbalance*, Phase Loss*, Under Load / Dry Run, Phase Reverse*, Locked Rotor.

Diversified Selection

- Selectable Trip Class, Nominal Current, Under Load, Auto / Manual Reset Mode.
- 3Ø & 1Ø Models.

Superior Design

- Operational at High Temperature with low power consumption
- Built in CTs & Compatibility with various types of Loads

Revamped Safety

- Individual Fault LED helps quick fault annunciation
- Lockout Mode ensures absolute safety

*For MRP & other details please contact to nearest Branch Office.



CSPMC 4.0

- Integrated metering, protection, control and communication
- Voltage & Current based protection
- Unique Modular Design on 35mm DIN Rail mounting
- Display module for local monitoring and configuration
- Detailed operating, service and diagnostic data
- Remote monitoring and control over communication
- Different Start control mode Aux Supply: 90-264V AC/DC
- Pluggable terminals easy to install and maintenance
- Overall dimension - Display module (HxWxD): 70x100x38mm
- Main module (HxWxD): 112x67.5x78mm

*For MRP & other details please contact to nearest Branch Office.



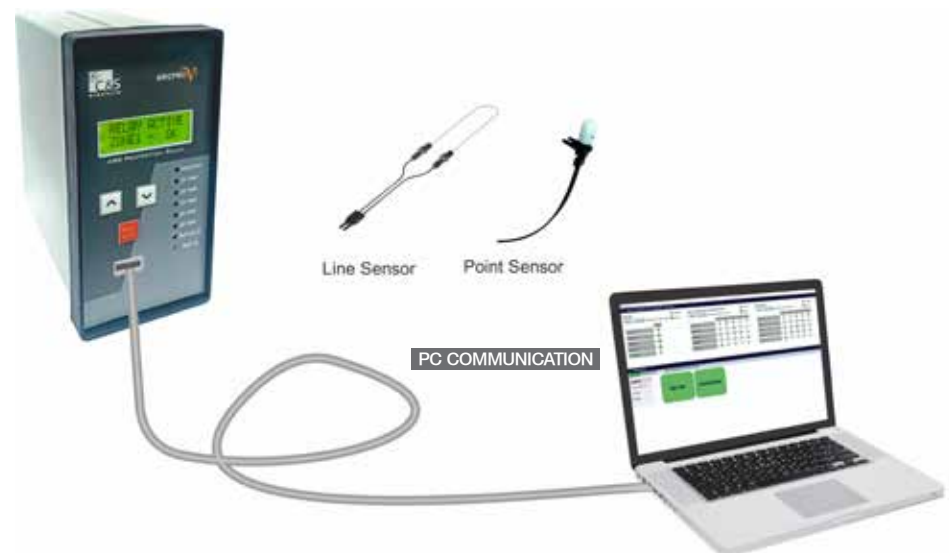
ARCPRO V_1

ARC Protection Relay

Arc Protection Solution

- High speed arc fault detection with a state of the art of electronics in association with special optical fibres and sensors.
- High Speed Arc detection time (<2msec)
- Four Point sensor inputs
- One Line sensor input
- Five Zones configuration with sensor input and DO output
- ARC detection and recording with date and time stamp
- Compact and slim in size
- Continuous Arc sensor health supervision & Alarm output
- Self-supervision with alarm Contact
- Fault record with Date & Time stamp
- Wide range Aux supply suitable for AC/DC
- Interactive HMI with USB Plug & Play Support

*For MRP & other details please contact to nearest Branch Office.





Electronic Motor Protection Relay

Models

mPRO200, mPRO100, mPRO90, mPRO 50

Protection

Overload/Phase loss/Locked rotor/Stall/Phase reversal/Current unbalance/Short circuit/ Under current/Earth fault (Residual/CBCT) Over temperature, external fault

Features

- Din mount Base & Door mount LCD Display
- High Accurate Compact Multi Protection LV Protection Relay
- Trip Class Selection from 5 to 60
- Can be use in Inverter Circuit (20–200Hz)
- Last 5 fault records / Motor Run hour
- Option Modbus on RS485 or 4-20 mA analog output
- Last 3 START / STOP record
- DI / DO Matrix programmability
- Multiple Reset functions



mPRO200

Description	Reference	Current Range (A)	HSN Code	MRP (₹)
MPRO-200, Rated current range (5-60A), with internal residual calculation, Aux supply (190-260V AC)	MPRO-200-60-E-00-H-V2	5.0-60	85364900	26210
MPRO-200, Rated current range (1-5A), with internal residual calculation, Aux supply (190-260V AC)	MPRO-200-05-E-00-H-V2	1.0-5.0	85364900	26210
MPRO-200, Rated current range (5-60A), with internal residual calculation, Aux supply (100-160V AC)	MPRO-200-60-E-00-L-V2	5.0-60	85364900	26210
MPRO-200, Rated current range (1-5A), with internal residual calculation, Aux supply (100-160V AC)	MPRO-200-05-E-00-L-V2	1.0-5.0	85364900	26210
MPRO-200, Rated current range (1-5A), with internal residual calculation, 4-20mA output + DI, Aux supply (190-260V AC)	MPRO-200-05-E-A0-H-V2	1.0-5.0	85364900	32760
MPRO-200, Rated current range (1-5A), with internal residual calculation, 4-20mA output + DI, Aux supply (100-160V AC)	MPRO-200-05-E-A0-L-V2	1.0-5.0	85364900	32760
MPRO-200, Rated current range (1-5A), with internal residual calculation, MODBUS RS485+DI, Aux supply (190-260V AC)	MPRO-200-05-E-C0-H-V2	1.0-5.0	85364900	32760
MPRO-200, Rated current range (1-5A), with internal residual calculation, MODBUS RS485+DI, Aux supply (100-160V AC)	MPRO-200-05-E-C0-L-V2	1.0-5.0	85364900	32760
MPRO-200, Rated current range (1-5A), with external CBCT Circular ID=57mm, Plastic casing, Aux Supply (190-260V AC)	MPRO-200-05-Z55-00-H-V2	1.0-5.0	85364900	34400
MPRO-200, Rated current range (1-5A), with external CBCT Circular ID=57mm, Plastic casing, Aux Supply (100-160V AC)	MPRO-200-05-Z55-00-L-V2	1.0-5.0	85364900	34400
MPRO-200, Rated current range (1-5A), with external CBCT Circular ID=57mm, Plastic casing, 4-20mA output + DI, Aux Supply (190-260V AC)	MPRO-200-05-Z55-A0-L-C1-V2	1.0-5.0	85364900	65500
MPRO-200, Rated current range (1-5A), with external CBCT Circular ID=57mm, Plastic casing, 4-20mA output + DI, Aux Supply (100-160V AC)	MPRO-200-05-Z55-A0-L-V2	1.0-5.0	85364900	47510
MPRO-200, Rated current range (1-5A), with external CBCT Circular ID=57mm, Plastic casing, 4-20mA output + DI, Aux Supply (190-260V AC)	MPRO-200-05-Z55-A0-H-V2	1.0-5.0	85364900	47510
MPRO-200, Rated current range (1-5A), with external CBCT Circular ID=57mm, Plastic casing, MODBUS RS485 + DI, Aux Supply (100-160V AC)	MPRO-200-05-Z55-C0-L-V2	1.0-5.0	85364900	47510
MPRO-200, Rated current range (5-60A), with internal residual calculation, 4-20mA output + DI, Aux supply (100-160V AC)	MPRO-200-60-E-A0-L-V2	5.0-60	85364900	32760
MPRO-200, Rated current range (5-60A), with internal residual calculation, 4-20mA output + DI, Aux supply (190-260V AC)	MPRO-200-60-E-A0-H-V2	5.0-60	85364900	32760
MPRO-200, Rated current range (5-60A), with internal residual calculation or external CBCT (field selectable), Aux Supply (85-300V AC/DC)	MPRO-200-60-EZ-00-W-V2	5.0-60	85364900	65500
MPRO-200, Rated current range (5-60A), with internal residual calculation or external CBCT (field selectable), MODBUS RS485, Aux Supply (85-300V AC/DC)	MPRO-200-60-EZ-R0-W-V2	5.0-60	85364900	65500
MPRO-200, Rated current range (5-60A), with internal residual calculation, MODBUS RS485 + DI, Aux supply (190-260V AC)	MPRO-200-60-E-C0-H-V2	5.0-60	85364900	32760
MPRO-200, Rated current range (5-60A), with external CBCT Circular ID=57mm, Plastic casing, 4-20mA output + DI, Aux supply (100-160V AC)	MPRO-200-60-Z55-A0-L-C1-V2	5.0-60	85364900	65500
MPRO-200, Rated current range (5-60A), with external CBCT Circular ID=57mm Plastic casing, 4-20mA + DI, Aux supply (100-160V AC)	MPRO-200-60-Z55-A0-L-V2	5.0-60	85364900	47510
MPRO-200, Rated current range (5-60A), with external CBCT Circular ID=57mm Plastic casing, 4-20mA + DI, Aux supply (190-260V AC)	MPRO-200-60-Z55-A0-H-V2	5.0-60	85364900	47510
MPRO-200, Rated current range (5-60A), with external CBCT Circular ID=57mm Plastic casing, Aux supply (190-260V AC)	MPRO-200-60-Z55-00-H-V2	5.0-60	85364900	34400
MPRO-200, Rated current range (5-60A), with external CBCT Circular ID=57mm Plastic casing, Aux supply (100-160V AC)	MPRO-200-60-Z55-00-L-V2	5.0-60	85364900	34400
MPRO-200, Rated current range (1-5A), with external CBCT Circular ID=92mm, Plastic casing, Aux Supply (190-260V AC)	MPRO-200-05-Z90-00-H-V2	1.0-5.0	85364900	41770
MPRO-200, Rated current range (1-5A), with external CBCT Circular ID=57mm Plastic casing, MODBUS RS485 + DI, Aux Supply (190-260V AC)	MPRO-200-05-Z55-C0-H-V2	1.0-5.0	85364900	47510



Protection, Measurement & Control Devices



mPRO100



mPRO90

Description	Reference	Current Range (A)	HSN Code	MRP (₹)
MPRO-100, Rated current range (1-5A), with internal residual calculation, Aux Supply (190-260V AC)	MPRO-100-5-E-H-V2	1.0~5.0	85364900	23740
MPRO-100, Rated current range (1-5A), with internal residual calculation, Aux Supply (100-160V AC)	MPRO-100-5-E-L-V2	1.0~5.0	85364900	23740
MPRO-100, Rated current range (5-60A), with internal residual calculation, Aux Supply (190-260V AC)	MPRO-100-60-E-H-V2	5.0~60	85364900	23740
MPRO-100, Rated current range (5-60A), with internal residual calculation, Aux Supply (100-160V AC)	MPRO-100-60-E-L-V2	5.0~60	85364900	23740
MPRO-100, Rated current range (1-5A), with external CBCT circular, ID=57mm, plastic casing, Aux Supply (100-160V AC)	MPRO-100-5-Z55-L-V2	1.0~5.0	85364900	32760
MPRO-100, Rated current range (1-5A), with external CBCT circular, ID=70mm, plastic casing, Aux Supply (100-160V AC)	MPRO-100-5-Z70-L-V2	1.0~5.0	85364900	40130
MPRO-100, Rated current range (1-5A), with external CBCT circular, ID=92mm, plastic casing, Aux Supply (100-160V AC)	MPRO-100-5-Z90-L-V2	1.0~5.0	85364900	40130
MPRO-100, Rated current range (1-5A), with external CBCT circular, ID=120mm, plastic casing, Aux Supply (100-160V AC)	MPRO-100-5-Z120-L-V2	1.0~5.0	85364900	37670
MPRO-100, Rated current range (5-60A), with external CBCT circular, ID=57mm, plastic casing, Aux supply (100-160V AC)	MPRO-100-60-Z55-L-V2	5.0~60	85364900	32760
MPRO-100, Rated current range (5-60A), with external CBCT circular, ID=70mm, plastic casing, Aux supply (100-160V AC)	MPRO-100-60-Z70-L-V2	5.0~60	85364900	34400
MPRO-100, Rated current range (5-60A), with external CBCT circular, ID=92mm, plastic casing, Aux supply (100-160V AC)	MPRO-100-60-Z90-L-V2	5.0~60	85364900	36030
MPRO-100, Rated current range (5-60A), with external CBCT circular, ID=120mm, plastic casing, Aux supply (100-160V AC)	MPRO-100-60-Z120-L-V2	5.0~60	85364900	37670
MPRO-100, Rated current range (1-5A), with external CBCT circular, ID=57mm, plastic casing, Aux Supply (190-260V AC)	MPRO-100-5-Z55-H-V2	1.0~5.0	85364900	32760
MPRO-100, Rated current range (1-5A), with external CBCT Circular ID=70mm, Plastic casing, Aux Supply (190-260V AC)	MPRO-100-5-Z70-H-V2	1.0~5.0	85364900	34400
MPRO-100, Rated current range (1-5A), with external CBCT circular, ID=92 mm, plastic casing, Aux Supply (190-260V AC)	MPRO-100-5-Z90-H-V2	1.0~5.0	85364900	36030
MPRO-100, Rated current range (1-5A), with external CBCT Circular ID=120mm, Plastic casing, Aux Supply (190-260V AC)	MPRO-100-5-Z120-H-V2	1.0~5.0	85364900	37670
MPRO-90, External CT1 Rated current Range (0.2-10A), with internal residual calculation	MPRO-90-CT1-E	0.2~10	85364900	14410
MPRO-90, External CT2 Rated current Range (0.8-25A), with internal residual calculation	MPRO-90-CT2-E	0.8~25	85364900	14410
MPRO-90, External CT3 Rated current Range (2-62.5A), with internal residual calculation	MPRO-90-CT3-E	2.0~62.5	85364900	15240
MPRO-90, External CT4 Rated current Range (4-125A), with internal residual calculation	MPRO-90-CT4-E	4.0~125	85364900	18030
MPRO-90, External CT5 Rated current Range (8-250A), with internal residual calculation	MPRO-90-CT5-E	8.0~250	85364900	22930
MPRO-90, External CT1 Rated current Range (0.2-10A), with internal residual calculation, Star-Delta	MPRO-90-CT1-E-SDT	0.2~10	85364900	30310
MPRO-90, External CT2 Rated current Range (0.8-25A), with internal residual calculation, Star-Delta	MPRO-90-CT2-E-SDT	0.8~25	85364900	30310
MPRO-90, External CT3 Rated current Range (2-62.5A), with internal residual calculation, Star-Delta	MPRO-90-CT3-E-SDT	2.0~62.5	85364900	31110
MPRO-90, External CT4 Rated current Range (4-125A), with internal residual calculation, star-Delta	MPRO-90-CT4-E-SDT	4.0~125	85364900	34400
MPRO-90, External CT5 Rated current Range (8-250A), with internal residual calculation, Star-Delta	MPRO-90-CT5-E-SDT	8.0~250	85364900	39330



Protection, Measurement & Control Devices



ACCESSORIES

Description	Reference	HSN Code	MRP (₹)
Current Transformer Ratio 100/5A, Burden 5VA, Cl.1.0	3-CT-100/5	85043100	6770
Current Transformer Ratio 200/5A, Burden 5VA, Cl.1.0	3-CT-200/5	85043100	6770
Current Transformer Ratio 300/5A, Burden 5VA, Cl.1.0	3-CT-300/5	85043100	8440
Current Transformer Ratio 400/5A, Burden 5VA, Cl.1.0	3-CT-400/5	85043100	8440
Current Transformer Ratio 500/5A, Burden 5VA, Cl.1.0	3-CT-500/5	85043100	11950
Current Transformer Ratio 600/5A, Burden 5VA, Cl.1.0	3-CT-600/5	85043100	11950

ORDERING INFORMATION

mPRO-90

mPRO - 90 - xxx - x - xxx

Protection Model Series	90
External CT Selection	xxx
Earth Fault	x
Control	xxx

External CT Selection
CT1 : Rated current Range (0.2-10A)
CT2 : Rated current Range (0.8-25.0A)
CT3 : Rated current Range (2.0-62.5A)
CT4 : Rated current Range (4.0-125A)
CT5 : Rated current Range (8.0-250A)

Earth Fault
E : with Internal Residual Calculation

Control
O : Basic version
SDT : with In-built STAR-DELTA control

mPRO-100/200-V2

mPRO - xxx - X - X - X - X - V2

Protection Model Series	xxx
Rated Current	X
Earth Fault	X
Control	X
Auxiliary Supply	X

Protection Model Series
100 : with In-built LED display
200 : with Extended LCD display

Rated Current
60 : Rated current Range (5-60A)
5 : Rated current Range (1-5A)

Earth Fault
E : with Internal Residual Calculation
Z55 : with external CBCT - Circular, ID 57 mm (CBCT 55), Plastic casing
Z70 : with external CBCT - Circular, ID 70 mm (CBCT 70), Plastic casing
Z90 : with external CBCT - Circular, ID 92 mm (CBCT 90), Plastic casing
Z120 : with external CBCT - Circular, ID 120 mm (CBCT120), Plastic casing

Control
00 : NONE
A0 : 4-20 mA Output + Digital Input
0T : PTC thermistor + Digital Input
C0 : MODBUS RS485 + Digital Input
AT : 4-20 mA Output + PTC thermistor + Digital Input
CT : MODBUS RS485 + PTC thermistor + Digital Input

Auxiliary Supply
L : 110V AC (100-160V AC)
H : 220V AC (190-260V AC)

* CBCT Ordering Information (To be selected for mPRO-200-x-Z-x-x model)

CBCT SIZE
Z55 : Circular, ID 57 mm (CBCT 55), Plastic casing
Z70 : Circular, ID 70 mm (CBCT 70), Plastic casing
Z90 : Circular, ID 92 mm (CBCT 90), Plastic casing
Z120 : Circular, ID 120 mm (CBCT 120), Plastic casing



Protection, Measurement & Control Devices

Electronic Motor Protection Relay - CSMP

Protection

Overload/Phase loss/Locked rotor/Phase reversal/Current unbalance/Short circuit/Under current/ Earth fault

Features

- Detachable Din mount Base & Door mount LED Display
- High Accurate Compact Multi Protection LV Protection Relay
- Trip Class Selection from 5 to 60
- Display of 3 phase RMS Current, % current unbalance
- Looping option is available for FHP motors
- Fault diagnostic by LED indication



Description	Reference	Current Range (A)	HSN Code	MRP (₹)
Relay CSMPA-80-3SR,80A,100-260VAC	CSMPA-80-3SR,80A,100-260VAC	16-80	85364900	POR
Relay CSMPA-40-3SR,40A,100-260VAC	CSMPA-40-3SR,40A,100-260VAC	8.0-40	85364900	
Relay CSMPA-40-3SR,20A,100-260VAC	CSMPA-40-3SR,20A,100-260VAC	4.0-20	85364900	
Relay CSMPA-22-3SR,22A,100-260VAC	CSMPA-22-3SR,22A,100-260VAC	4.4-22	85364900	
Relay CSMPA-22-3SR,5A,100-260VAC	CSMPA-22-3SR,5A,100-260VAC	1.0-5	85364900	
Relay CSMPA-22-3SR,1.5A,100-260VAC	CSMPA-22-3SR,1.5A,100-260VAC	0.3-1.5	85364900	
Relay CSMPM-06i-S (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-06i-S(2A+1B)AC/DC85-260V 50/60HZ	0.5-6.0	85364900	
Relay CSMPM-06i-SE (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-06i-SE(2A+1B)AC/DC85-260V 50/60HZ	0.5-6.0	85364900	
Relay CSMPM-06i-SI (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-06i-SI(2A+1B)AC/DC85-260V 50/60HZ	0.5-6.0	85364900	
Relay CSMPM-06i-SM (2a+1b) AC/DC85-60V 50/60Hz	CSMPM-06i-SM(2A+1B)AC/DC85-60V 50/60HZ	0.5-6.0	85364900	
Relay CSMPM-06i-SZ (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-06i-SZ(2A+1B)AC/DC85-260V 50/60HZ	0.5-6.0	85364900	
Relay CSMPM-06i-SZIA (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-06i-SZIA(2A+1B)AC/DC85-260V50/60HZ	0.5-6.0	85364900	
Relay CSMPM-65i-S (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65i-S(2A+1B)AC/DC85-260V 50/60HZ	5.0-65	85364900	
Relay CSMPM-65i-SE (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65i-SE(2A+1B)AC/DC85-260V 50/60HZ	5.0-65	85364900	
Relay CSMPM-65i-SI (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65i-SI(2A+1B)AC/DC85-260V 50/60HZ	5.0-65	85364900	
Relay CSMPM-65i-SM (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65i-SM(2A+1B)AC/DC85-260V 50/60HZ	5.0-65	85364900	
Relay CSMPM-65i-SZ (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65i-SZ(2A+1B)AC/DC85-260V 50/60HZ	5.0-65	85364900	
IMC-IIIIM4852MAC110V50/60Hz	IMC-III-M485-2-MAC110V50/60Hz	6 / 60	85364900	
Relay IMP-CNOAC/DC85-245V	IMP-C-NO AC/DC85-245V	10 / 100	85364900	
Relay IMP-CA420AC/DC85-245V	IMP-C-A420 AC/DC85-245V	10 / 100	85364900	
Relay IMP-C-M485-AC/DC 85-245-40/60	IMP-C-M485-AC/DC 85-245-40/60	10 / 100	85364900	
Relay CSMPA-60-T,6A,220VAC	CSMPA-60-T,6A,220VAC	0.5-6.0	85364900	
Relay CSMPA-60-T,60A,220VAC	CSMPA-60-T,60A,220VAC	5.0-60	85364900	
Relay CSMPA-60-T,60A,110VAC	CSMPA-60-T,60A,110VAC	s5.0-60	85364900	
Relay CSMPA-60-T,6A,110VAC	CSMPA-60-T,6A,110VAC	0.5-6.0	85364900	
Relay CSMPA-60-T,60A,415VAC	CSMPA-60-T,60A,415VAC	5.0-60	85364900	
Relay CSMPA-60-T,6A,415VAC	CSMPA-60-T,6A,415VAC	0.5-60	85364900	

ACCESSORIES

Description	Reference	HSN Code	MRP (₹)
Display Cable-1-1.15 m	ASSY.,(1-1.5)CSMPM	85381090	POR
Display Cable-4 m	ASSY.,(4M)CSMPM	85381090	
Z-CTD with ID=30mm	Z-CTD30	85043100	
Z-CTD with ID=50mm	Z-CTD50	85043100	
Z-CTD with ID=65mm	Z-CTD65	85043100	
Z-CTD with ID=80mm	Z-CTD80	85043100	

ELR - Earth Leakage Relay

Models

ELR 1.0, ELR 3.0

Protection & Features

- Monitors, Detects & Protects Power system from Earth Leakage Fault
- Wide range of Selectable Earth Leakage Current Setting
- Configurable Earth Leakage Trip time 0-30s
- LED indication for Earth Leakage Fault & Alarm indication
- Trip Circuit Failure Indication
- Last 10 Fault records with date & time
- CBCT measures the leakage current to the highest accuracy
- Flush / DIN Rail mountable based on model selection



ELR 1.0

ELR 3.0

Description	Reference		HSN Code	MRP (₹)
Earth Leakage Relay ELR1.0 protection series, LED display with panel front mounting, current range (30mA-3A), Aux Supply (85-280V AC / 95-280V DC), CBCT Type Circular, ID 120 mm with plastic casing	ELR1.0-S-03-W-C120	30mA-3A	85364900	10170
Earth Leakage Relay ELR1.0 protection series, LED display with panel front mounting, current range (30mA-3A), Aux Supply (85-280V AC / 95-280V DC), CBCT Type Circular, ID 150 mm Resin Cast	ELR1.0-S-03-W-C150	30mA-3A	85364900	15640
Earth Leakage Relay ELR1.0 protection series, LED display with panel front mounting, current range (30mA-3A), Aux Supply (85-280V AC / 95-280V DC), CBCT Type Circular, ID 200 mm Resin cast	ELR1.0-S-03-W-C200	30mA-3A	85364900	19550
Earth Leakage Relay ELR1.0 protection series, LED display with panel front mounting, current range (30mA-3A), Aux Supply (85-280V AC / 95-280V DC), CBCT Type Circular, ID 57 mm with plastic casing	ELR-1.0-S-03-W-C55	30mA-3A	85364900	7810
Earth Leakage Relay ELR1.0 protection series, LED display with panel front mounting, current range (30mA-3A), Aux Supply (85-280V AC / 95-280V DC), CBCT Type Circular, ID 70 mm with plastic casing	ELR-1.0-S-03-W-C70	30mA-3A	85364900	8600
Earth Leakage Relay ELR1.0 protection series, LED display with panel front mounting, current range (30mA-3A), Aux Supply (85-280V AC / 95-280V DC), CBCT Type Circular, ID 92 mm with plastic casing	ELR-1.0-S-03-W-C90	30mA-3A	85364900	8600
Earth Leakage Relay ELR1.0 protection series, LED display with front panel mounting Current Range (30mA-3A), Aux Supply (85-280V AC/95-280V DC), CBCT Rectangular type ID 300 x 80 (CCT 300) Resin cast	ELR1.0-S-03-W-R300	30mA-3A	85364900	23440
Earth Leakage Relay ELR1.0 protection series, LED display with panel front mounting, current range (300mA-12A), Aux Supply (85-280V AC / 95-280V DC), CBCT Type Circular, ID 92 mm with plastic casing	ELR-1.0-S-12-W-C120	30mA-3A	85364900	10170
Earth Leakage Relay ELR1.0 protection series, LED display with panel front mounting, current range (300mA-12A), Aux Supply (85-280V AC / 95-280V DC), CBCT Type Circular, ID 120 mm with plastic casing	ELR-1.0-S-12-W-C90	30mA-3A	85364900	8600
Earth Leakage Relay ELR3.0 protection series, LCD display with panel front mounting, current range (300mA-12A), Aux Supply (85-280V AC / 95-280V DC), CBCT Type Circular, ID 120 mm with plastic casing	ELR-3.0-L-03-W-C120	30mA-3A	85364900	19550



Protection, Measurement & Control Devices

DG AMF / Synchronizing Controller

Models

EC2, EGA-250, EC-RXA, CD 2.0, CD 5.0

Protection & Features

- Display 3 Phase Mains Parameters: Voltage & Frequency
- Display of 3 Phase Generator Parameters: Voltage, Frequency, Speed, Run Hours
- Multi-genset Synchronizer & Load Share Unit
- Fault record with date & time stamp
- Event record with date & time stamp
- ATS / ATF / Remote Start Controller/ Engine Controller



Description	Reference	HSN Code	MRP (₹)
Relay EC2(VER1.10)	EC2(VER1.10)	85364900	32830
Relay EC-RXA_V2	EC-RXA_V2	85364900	19940
Relay EGA-250-0	EGA-250-0	85364900	23440
Relay EC2(VER 2.10)	EC2-V2.10	85364900	32830
AMF Relay CD2.0 with MPU	AMF RELAY CD2.0 WITH MPU	85364900	POR
AMF Relay CD 5.0	AMF Relay CD 5.0	85364900	
Relay DG Synchronizer Relay CD5.0 with RS485/Ethernet	DG SYNC RELAY CD5.0 RS485/ETHERNET	85364900	
Relay EGC-250-0	EGC-250-0	85364900	25030

Voltage & Current Monitoring Relay & Timer

Model

Voltage Monitoring, Current Monitoring & Timers

Protection & features

- 3 Phase Voltage Monitoring
- 1 Phase Current Monitoring
- ON / OFF Delay Timer



Description	Reference	HSN Code	MRP (₹)
ENYA series- Multifunction Timer,Up to 7 functions,7 time ranges,Wide input voltage range	E1Z1E1024-240VAC/DC VE10 (110204A)	85364900	POR
Monitoring relays - ENYA series, Voltage monitoring in 3- and 1-phase mains	E1YM400VS10 (1340405H)	85364900	
Monitoring relays - GAMMA series, AC/DC current monitoring in 1-phase mains	G2IM10AL20,24-240V (2390410)	85364900	
ENYA series-Multifunction Timer,Up to 7 functions,7 time ranges,Wide input voltage range	E1ZM10 12-240VAC/DC	85364900	
Monitoring relays - ENYA series, Tripping unit for temperature monitoring	E3TF01 230VAC	85364900	
Monitoring relays - ENYA series - AC/DC current monitoring in 1-phase mains	E3IM10AL20,230VAC (1341200)	85364900	
ENYA series, Timers - Multifunctional,Up to 7 functions,7 time ranges,Wide input voltage range	E1ZMQ10,24-240VAC/DC	85364900	
ENYA series- Timers - Asymmetric flasher	E1ZI10 12-240VAC/DC	85364900	
Monitoring relays - GAMMA series,Voltage monitoring in 3-phase mains	G2PM690VSY20	85364900	
Monitoring relays - GAMMA series, Voltage monitoring in 3-phase mains	G2PM400VSY20(2390504)	85364900	
Monitoring relays - GAMMA series,a.c./d.c. current monitoring in 1-phase mains	G2IM5AL20,24-240V	85364900	
Monitoring relays - GAMMA series, a.c./d.c. current monitoring in 1-phase mains	G2IM10AL20 24-240V AC/DC	85364900	
Monitoring Relays-TR Series	TR2-400VAC(282117)	85364900	



Protection, Measurement & Control Devices



CSTSM-WD

CSTSM-WD (Wired Temperature Sensor)

- Wide ambient temperature monitoring range: 0°C to 200°C
- Supports up to 6 temperature sensors with a single main module
- Temperature accuracy upto + 3°C
- Relay is capable of supervising both Alarm and trip condition.
- ADD-ON display module for Temperature monitoring
- RS-485 port for SCADA Communication
- Over Temperature Trip Fault Record with Date & Time stamp
- Two Potential free Digital outputs (Relay ON / OFF)
- Two User configurable Digital inputs
- Supply voltage: 18-60V DC
- 12x2 Alpha numeric bright display
- LED indication for Temperature Trip and Temperature Alarm.
 - 1 LED for TRIP on fault
 - 1 LINK LED for communication link between Base & display indication.
 - 1 ALARM LED for over temperature indication.
- Power Consumption: 6VA

*For MRP & other details please contact to nearest Branch Office.



CSTSM-WL

CSTSM-WL (Wireless Temperature Sensor)

- Wide ambient temperature monitoring range: -20°C to 145°C
- Supports up to 50 thermal nodes with a single receiver
- Temperature accuracy upto 0.2°C
- Battery-less thermal nodes with energy harvesting at 20A of current for temperature monitoring
- RS-485 Modbus port for SCADA integration
- Front USB communication for PC / Laptop Interface
- Over-temperature trip fault recording with date and time stamp
- Power consumption: 6VA
- Two potential-free Digital outputs (Relay ON / OFF)
- Two user-configurable Digital inputs
- Receiver supply voltage: 18-60V DC / 500mA
- LED indicators for Temperature Trip and Temperature Alarm
- LED Indicator for Trip on fault
- Alarm LED for Over-Temperature indication

*For MRP & other details please contact to nearest Branch Office.

ORDERING INFORMATION

CSTSM	WD	-	XX	-	X	-	XX	-	XX
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DISPLAY MODULE
DN : Without Display module
DB : With 12x2 Basic Display module

AUXILIARY SUPPLY
L : 18 - 60V DC
W : 90 - 264V AC/DC

LENGTH OF SENSOR
01 One Meter
02 Two Meter
03 Three Meter
04 Four Meter
05 Five Meter

NO. OF SENSOR
01 One Number
02 Two Number
03 Three Number
04 Four Number
05 Five Number
06 Six Number

Example : CSTSM-WD-DB-W-03-06

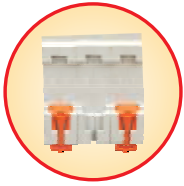
Final Power Distribution Components



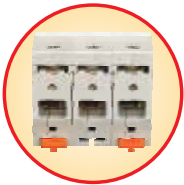
Miniature Circuit Breakers ■ Residual Current Circuit Breakers
RCBOs ■ Isolators ■ MCB Type Changeover Switches ■ ACCLs
Distribution Boards ■ Smart Distribution Boards ■ Cable End Boxes
Plugs & Socket DBs ■ MCB Enclosures



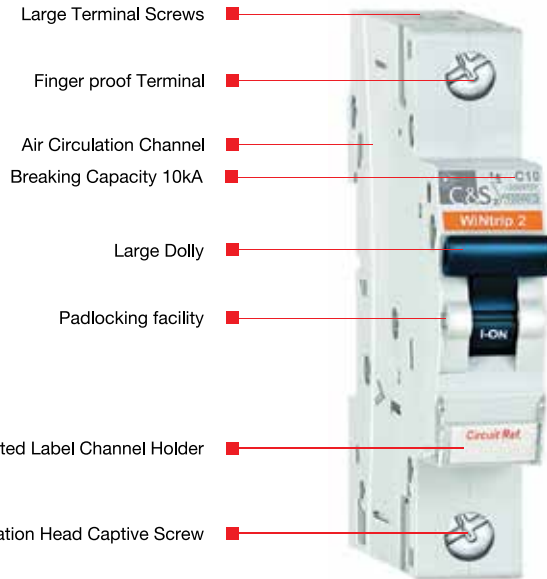
WiNtrip2 Miniature Circuit Breaker



Two stage easy snapping device for Din Rail Mounting



Bi-connect terminals for Cable and Busbar



B-Series

Lighting & Distribution with no Surge Current

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
6	CSMBS1B6	370	12
10	CSMBS1B10	370	
16	CSMBS1B16	370	
20	CSMBS1B20	370	
25	CSMBS1B25	370	
32	CSMBS1B32	370	
40	CSMBS1B40	870	
50	☒ CSMBS1B50	980	
63	CSMBS1B63	980	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
6	CSMBS3B6	2050	4
10	CSMBS3B10	2050	
16	CSMBS3B16	2050	
20	CSMBS3B20	2050	
25	CSMBS3B25	2050	
32	CSMBS3B32	2050	
40	CSMBS3B40	3040	
50	☒ CSMBS3B50	3040	
63	CSMBS3B63	3040	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole + N			
6	CSMBS1B6N	1230	6
10	CSMBS1B10N	1230	
16	CSMBS1B16N	1230	
20	CSMBS1B20N	1230	
25	CSMBS1B25N	1230	
32	CSMBS1B32N	1230	
40	CSMBS1B40N	1790	
50	☒ CSMBS1B50N	2020	
63	CSMBS1B63N	2020	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole + N			
6	☒ CSMBS3B6N	2670	3
10	☒ CSMBS3B10N	2670	
16	CSMBS3B16N	2670	
20	☒ CSMBS3B20N	2670	
25	☒ CSMBS3B25N	2670	
32	CSMBS3B32N	2670	
40	CSMBS3B40N	3570	
50	☒ CSMBS3B50N	3950	
63	CSMBS3B63N	3950	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
6	CSMBS2B6	1370	6
10	CSMBS2B10	1370	
16	CSMBS2B16	1370	
20	CSMBS2B20	1370	
25	CSMBS2B25	1370	
32	CSMBS2B32	1370	
40	CSMBS2B40	1920	
50	☒ CSMBS2B50	2230	
63	CSMBS2B63	2230	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
6	☒ CSMBS4B6	2950	3
10	☒ CSMBS4B10	2950	
16	☒ CSMBS4B16	2950	
20	☒ CSMBS4B20	2950	
25	☒ CSMBS4B25	2950	
32	CSMBS4B32	2950	
40	CSMBS4B40	3870	
50	CSMBS4B50	4130	
63	CSMBS4B63	4130	

☒ Non Stockable item



WiNtrip2 Miniature Circuit Breaker

C-Series

Inductive load with surge current - Motor Circuit Applications

[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
0.5	☒CSMBS1C0.5	660	12
1	CSMBS1C1	660	
2	CSMBS1C2	660	
3	☒CSMBS1C3	660	
4	CSMBS1C4	660	
5	☒CSMBS1C5	660	
6	CSMBS1C6	390	
10	CSMBS1C10	390	
16	CSMBS1C 16	390	
20	CSMBS1C20	390	
25	CSMBS1C25	390	
32	CSMBS1C32	390	
40	CSMBS1C40	940	
50	☒CSMBS1C50	990	
63	CSMBS1C63	990	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
0.5	☒CSMBS3C0.5	2690	4
1	☒CSMBS3C1	2690	
2	CSMBS3C2	2690	
3	☒CSMBS3C3	2690	
4	☒CSMBS3C4	2690	
5	CSMBS3C5	2690	
6	CSMBS3C6	2150	
10	CSMBS3C10	2150	
16	CSMBS3C16	2150	
20	CSMBS3C20	2150	
25	CSMBS3C25	2150	
32	CSMBS3C32	2150	
40	CSMBS3C40	3190	
50	CSMBS3C50	3330	
63	CSMBS3C63	3330	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole + N			
0.5	CSMBS1C0.5N	1850	6
1	☒CSMBS1C1N	1850	
2	☒CSMBS1C2N	1850	
3	☒CSMBS1C3N	1850	
4	CSMBS1C4N	1850	
5	CSMBS1C5N	1850	
6	☒CSMBS1C6N	1310	
10	CSMBS1C10N	1310	
16	CSMBS1C16N	1310	
20	CSMBS1C20N	1310	
25	☒CSMBS1C25N	1310	
32	CSMBS1C32N	1310	
40	☒CSMBS1C40N	1900	
50	☒CSMBS1C50N	2140	
63	CSMBS1C63N	2140	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole + N			
0.5	CSMBS3C0.5N	3500	3
1	CSMBS3C1N	3500	
2	☒CSMBS3C2N	3500	
3	CSMBS3C3N	3500	
4	CSMBS3C4N	3500	
5	CSMBS3C5N	3500	
6	CSMBS3C6N	2750	
10	☒CSMBS3C10N	2750	
16	CSMBS3C16N	2750	
20	CSMBS3C20N	2750	
25	CSMBS3C25N	2750	
32	CSMBS3C32N	2750	
40	CSMBS3C40N	3730	
50	☒CSMBS3C50N	3970	
63	CSMBS3C63N	3970	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
0.5	CSMBS2C0.5	1910	6
1	☒CSMBS2C1	1910	
2	CSMBS2C2	1910	
3	☒CSMBS2C3	1910	
4	CSMBS2C4	1910	
5	CSMBS2C5	1910	
6	CSMBS2C6	1370	
10	CSMBS2C10	1370	
16	CSMBS2C16	1370	
20	CSMBS2C20	1370	
25	CSMBS2C25	1370	
32	CSMBS2C32	1370	
40	CSMBS2C40	2020	
50	☒CSMBS2C50	2280	
63	CSMBS2C63	2280	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
0.5	CSMBS4C0.5	3720	3
1	CSMBS4C1	3720	
2	☒CSMBS4C2	3720	
3	CSMBS4C3	3720	
4	☒CSMBS4C4	3720	
5	CSMBS4C5	3720	
6	CSMBS4C6	3040	
10	CSMBS4C10	3040	
16	CSMBS4C16	3040	
20	CSMBS4C20	3040	
25	CSMBS4C25	3040	
32	CSMBS4C32	3040	
40	CSMBS4C40	4170	
50	CSMBS4C50	4320	
63	CSMBS4C63	4320	

☒ Non Stockable item



MCBs

WiNtrip2 Miniature Circuit Breaker

D-Series

High Inductive Load & High Inrush Current

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
0.5	CSMBS1D0.5	750	12
1	CSMBS1D1	750	
2	☒ CSMBS1D2	750	
3	CSMBS1D3	750	
4	CSMBS1D4	750	
5	CSMBS1D5	750	
6	☒ CSMBS1D6	620	
10	☒ CSMBS1D10	620	
16	☒ CSMBS1D16	620	
20	☒ CSMBS1D20	620	
25	☒ CSMBS1D25	620	
32	☒ CSMBS1D32	620	
40	CSMBS1D40	1040	
50	CSMBS1D50	1180	
63	CSMBS1D63	1180	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
0.5	CSMBS3D0.5	3020	4
1	CSMBS3D1	3020	
2	CSMBS3D2	3020	
3	CSMBS3D3	3020	
4	CSMBS3D4	3020	
5	CSMBS3D5	3020	
6	☒ CSMBS3D6	2390	
10	CSMBS3D10	2390	
16	☒ CSMBS3D16	2390	
20	☒ CSMBS3D20	2390	
25	☒ CSMBS3D25	2390	
32	☒ CSMBS3D32	2390	
40	☒ CSMBS3D40	3600	
50	CSMBS3D50	3730	
63	☒ CSMBS3D63	3730	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole + N			
0.5	CSMBS1D0.5N	1900	6
1	CSMBS1D1N	1900	
2	CSMBS1D2N	1900	
3	CSMBS1D3N	1900	
4	CSMBS1D4N	1900	
5	CSMBS1D5N	1900	
6	CSMBS1D6N	1500	
10	CSMBS1D10N	1500	
16	CSMBS1D16N	1500	
20	CSMBS1D20N	1500	
25	CSMBS1D25N	1500	
32	☒ CSMBS1D32N	1500	
40	CSMBS1D40N	2230	
50	CSMBS1D50N	2390	
63	☒ CSMBS1D63N	2390	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole + N			
0.5	CSMBS3D0.5N	3880	3
1	CSMBS3D1N	3880	
2	CSMBS3D2N	3880	
3	CSMBS3D3N	3880	
4	CSMBS3D4N	3880	
5	CSMBS3D5N	3880	
6	CSMBS3D6N	3550	
10	CSMBS3D10N	3550	
16	☒ CSMBS3D16N	3550	
20	CSMBS3D20N	3550	
25	☒ CSMBS3D25N	3550	
32	☒ CSMBS3D32N	3550	
40	CSMBS3D40N	3920	
50	CSMBS3D50N	4110	
63	☒ CSMBS3D63N	4110	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
0.5	☒ CSMBS2D0.5	2020	6
1	CSMBS2D1	2020	
2	☒ CSMBS2D2	2020	
3	CSMBS2D3	2020	
4	☒ CSMBS2D4	2020	
5	CSMBS2D5	2020	
6	☒ CSMBS2D6	1600	
10	☒ CSMBS2D10	1600	
16	☒ CSMBS2D16	1600	
20	☒ CSMBS2D20	1600	
25	☒ CSMBS2D25	1600	
32	☒ CSMBS2D32	1600	
40	CSMBS2D40	2330	
50	CSMBS2D50	2430	
63	☒ CSMBS2D63	2430	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
0.5	CSMBS4D0.5	3970	3
1	CSMBS4D1	3970	
2	CSMBS4D2	3970	
3	CSMBS4D3	3970	
4	CSMBS4D4	3970	
5	CSMBS4D5	3970	
6	CSMBS4D6	3650	
10	CSMBS4D10	3650	
16	☒ CSMBS4D16	3650	
20	CSMBS4D20	3650	
25	CSMBS4D25	3650	
32	CSMBS4D32	3650	
40	☒ CSMBS4D40	4420	
50	CSMBS4D50	4870	
63	☒ CSMBS4D63	4870	

☒ Non Stockable item



WiNtrip2 Miniature Circuit Breaker

K-Series, 'C' Curve

IS/IEC 60947-2

Inductive load with surge current - Motor Circuit Applications

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
0.5	CSMBS1K0.5	780	12
1	CSMBS1K1	780	
2	CSMBS1K2	780	
3	CSMBS1K3	780	
4	CSMBS1K4	780	
5	CSMBS1K5	780	
6	CSMBS1K6	490	
10	CSMBS1K10	490	
16	CSMBS1K16	490	
20	CSMBS1K20	490	
25	CSMBS1K25	490	
32	CSMBS1K32	490	
40	CSMBS1K40	1090	
50	CSMBS1K50	1210	
63	CSMBS1K63	1210	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
0.5	CSMBS3K0.5	3110	4
1	CSMBS3K1	3110	
2	CSMBS3K2	3110	
3	CSMBS3K3	3110	
4	CSMBS3K4	3110	
5	CSMBS3K5	3110	
6	CSMBS3K6	2570	
10	CSMBS3K10	2570	
16	CSMBS3K16	2570	
20	CSMBS3K20	2570	
25	CSMBS3K25	2570	
32	CSMBS3K32	2570	
40	CSMBS3K40	3740	
50	CSMBS3K50	3980	
63	CSMBS3K63	3980	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole + N			
0.5	CSMBS1K0.5N	2120	6
1	CSMBS1K1N	2120	
2	CSMBS1K2N	2120	
3	CSMBS1K3N	2120	
4	CSMBS1K4N	2120	
5	CSMBS1K5N	2120	
6	CSMBS1K6N	1510	
10	CSMBS1K10N	1510	
16	CSMBS1K16N	1510	
20	CSMBS1K20N	1510	
25	CSMBS1K25N	1510	
32	CSMBS1K32N	1510	
40	CSMBS1K40N	2160	
50	CSMBS1K50N	2450	
63	CSMBS1K63N	2450	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole + N			
0.5	CSMBS3K0.5N	4010	3
1	CSMBS3K1N	4010	
2	CSMBS3K2N	4010	
3	CSMBS3K3N	4010	
4	CSMBS3K4N	4010	
5	CSMBS3K5N	4010	
6	CSMBS3K6N	3260	
10	CSMBS3K10N	3260	
16	CSMBS3K16N	3260	
20	CSMBS3K20N	3260	
25	CSMBS3K25N	3260	
32	CSMBS3K32N	3260	
40	CSMBS3K40N	4390	
50	CSMBS3K50N	4720	
63	CSMBS3K63N	4720	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
0.5	CSMBS2K0.5	2230	6
1	CSMBS2K1	2230	
2	CSMBS2K2	2230	
3	CSMBS2K3	2230	
4	CSMBS2K4	2230	
5	CSMBS2K5	2230	
6	CSMBS2K6	1610	
10	CSMBS2K10	1610	
16	CSMBS2K16	1610	
20	CSMBS2K20	1610	
25	CSMBS2K25	1610	
32	CSMBS2K32	1610	
40	CSMBS2K40	2390	
50	CSMBS2K50	2710	
63	CSMBS2K63	2710	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
0.5	CSMBS4K0.5	4270	3
1	CSMBS4K1	4270	
2	CSMBS4K2	4270	
3	CSMBS4K3	4270	
4	CSMBS4K4	4270	
5	CSMBS4K5	4270	
6	CSMBS4K6	3640	
10	CSMBS4K10	3640	
16	CSMBS4K16	3640	
20	CSMBS4K20	3640	
25	CSMBS4K25	3640	
32	CSMBS4K32	3640	
40	CSMBS4K40	4860	
50	CSMBS4K50	5260	
63	CSMBS4K63	5260	

Non Stockable item

Note: K- Series 'B' Curve POR (for prices please contact the nearest branch office.)



WiNtrip2 Miniature Circuit Breaker

DC MCB-Series

[HSN Code: 8536]

Description	Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole				
DC MCB SP 6A-250V	6	CSMBS1DC6-250	840	12
DC MCB SP 10A-250V	10	CSMBS1DC10-250	840	
DC MCB SP 16A-250V	16	CSMBS1DC16-250	840	
DC MCB SP 20A-250V	20	CSMBS1DC20-250	840	
DC MCB SP 25A-250V	25	CSMBS1DC25-250	840	
DC MCB SP 32A-250V	32	CSMBS1DC32-250	840	
DC MCB SP 40A-250V	40	CSMBS1DC40-250	1180	
Shorting link		SHMT8101	160	
2 Pole				
DC MCB DP 6A-500V	6	CSMBS2DC6-500	1790	6
DC MCB DP 10A-500V	10	CSMBS2DC10-500	1790	
DC MCB DP 16A-500V	16	CSMBS2DC16-500	1790	
DC MCB DP 20A-500V	20	CSMBS2DC20-500	1790	
DC MCB DP 25A-500V	25	CSMBS2DC25-500	1790	
DC MCB DP 32A-500V	32	CSMBS2DC32-500	1790	
DC MCB DP 40A-500V	40	CSMBS2DC40-500	2550	
Shorting link		SHMT8101	160	



DC MCB-Series

[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)	Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole				2 Pole			
0.5	<input checked="" type="checkbox"/> CSMBS1DC0.5	880	12	0.5	CSMBS2DC0.5	2080	6
1	<input checked="" type="checkbox"/> CSMBS1DC1	880		1	CSMBS2DC1	2080	
2	<input checked="" type="checkbox"/> CSMBS1DC2	880		2	<input checked="" type="checkbox"/> CSMBS2DC2	2080	
3	CSMBS1DC3	880		3	CSMBS2DC3	2080	
4	<input checked="" type="checkbox"/> CSMBS1DC4	880		4	CSMBS2DC4	2080	
5	<input checked="" type="checkbox"/> CSMBS1DC5	880		5	CSMBS2DC5	2080	
6	CSMBS1DC6	760		6	CSMBS2DC6	1610	
10	<input checked="" type="checkbox"/> CSMBS1DC10	760		10	CSMBS2DC10	1610	
16	<input checked="" type="checkbox"/> CSMBS1DC16	760		16	CSMBS2DC16	1610	
20	<input checked="" type="checkbox"/> CSMBS1DC20	760		20	CSMBS2DC20	1610	
25	<input checked="" type="checkbox"/> CSMBS1DC25	760		25	CSMBS2DC25	1610	
32	<input checked="" type="checkbox"/> CSMBS1DC32	760		32	CSMBS2DC32	1610	
40	<input checked="" type="checkbox"/> CSMBS1DC40	1060		40	<input checked="" type="checkbox"/> CSMBS2DC40	2260	
50	<input checked="" type="checkbox"/> CSMBS1DC50	1240		50	<input checked="" type="checkbox"/> CSMBS2DC50	2540	
63	<input checked="" type="checkbox"/> CSMBS1DC63	1240		63	CSMBS2DC63	2540	



Accessories (Site fit-able)

[HSN Code: 8538]

Description	Product Code	Configiruation	Type of contact	Fitment	Module Size	Suitable MCB Rating (A)	MRP (₹)	Std. Pkg. (Nos.)
Auxiliary Contact	CSMBAXSF1	1NO-1NC	Changeover	Right	9 mm	Wintrip2 0.5-63	1500	12
Auxiliary Contact	CSMBAXSF2	2NO-2NC	Changeover	Right	9 mm	Wintrip2 0.5-63	1570	
Auxiliary Contact	CSMBAXSF11	1NO-1NC	Potential free	Left	18 mm	Wintrip2 0.5-63	1500	
Alarm Contact	CSMBALSF1	1 Changeover	Changeover	Right	9 mm	Wintrip2 0.5-63	1300	12
Shunt Trip	CSMBS012DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1790	6
Shunt Trip	CSMBS024DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1790	
Shunt Trip	CSMBS048DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1790	
Shunt Trip	CSMBS220ACSF	-	-	Left	18 mm	Wintrip2 0.5-63	1790	

Non Stockable item



Isolators

WiNtrip2 Isolator (IEC 60947-3)

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
25	CSMBS1SD25	520	12
40	CSMBS1SD40	680	
63	CSMBS1SD63	760	
80	CSMBS1SD80	850	
100	CSMBS1SD100	1000	
125	CSMBS1SD125	1150	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
25	CSMBS3SD25	1640	4
40	CSMBS3SD40	1880	
63	CSMBS3SD63	2110	
80	CSMBS3SD80	2400	
100	CSMBS3SD100	2500	
125	CSMBS3SD125	2630	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
25	CSMBS2SD25	860	6
40	CSMBS2SD40	980	
63	CSMBS2SD63	1220	
80	CSMBS2SD80	1540	
100	CSMBS2SD100	1570	
125	CSMBS2SD125	1760	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
25	CSMBS4SD25	1740	3
40	CSMBS4SD40	2150	
63	CSMBS4SD63	2360	
80	CSMBS4SD80	2920	
100	CSMBS4SD100	2950	
125	CSMBS4SD125	3250	

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
25	<input checked="" type="checkbox"/> CSMBS1ISO25	470	12
40	<input checked="" type="checkbox"/> CSMBS1ISO40	620	
63	<input checked="" type="checkbox"/> CSMBS1ISO63	700	
80	CSMBS1ISO80	POR	
100	<input checked="" type="checkbox"/> CSMBS1ISO100	POR	
125	<input checked="" type="checkbox"/> CSMBS1ISO125	POR	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
25	CSMBS3ISO25	1450	4
40	CSMBS3ISO40	1660	
63	CSMBS3ISO63	1870	
80	<input checked="" type="checkbox"/> CSMBS3ISO80	POR	
100	CSMBS3ISO100	POR	
125	<input checked="" type="checkbox"/> CSMBS3ISO125	POR	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
25	CSMBS2ISO25	790	6
40	CSMBS2ISO40	860	
63	CSMBS2ISO63	1090	
80	<input checked="" type="checkbox"/> CSMBS2ISO80	POR	
100	CSMBS2ISO100	POR	
125	CSMBS2ISO125	POR	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
25	<input checked="" type="checkbox"/> CSMBS4ISO25	1540	3
40	CSMBS4ISO40	1900	
63	CSMBS4ISO63	2100	
80	<input checked="" type="checkbox"/> CSMBS4ISO80	POR	
100	CSMBS4ISO100	POR	
125	CSMBS4ISO125	POR	



Higher Rating Miniature Circuit Breakers (IEC 60947-2)

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)	Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole				3 Pole			
80	CSMBH1C80	3520	8	80	CSMBH3C80	POR	3
100	CSMBH1C100	3940		100	CSMBH3C100	POR	
125	CSMBH1C125	4270		125	CSMBH3C125	POR	
2 Pole				4 Pole			
80	CSMBH2C80	7870	4	80	CSMBH4C80	POR	2
100	CSMBH2C100	8410		100	CSMBH4C100	POR	
125	<input checked="" type="checkbox"/> CSMBH2C125	9250		125	CSMBH4C125	POR	

Accessories (Site fit-able)

[HSN Code: 8538]

Description	Product Code	Configuration	Type of contact	Fitment	Module Size	Suitable MCB Rating (A)	MRP (₹)	Std. Pkg. (Nos.)
Auxiliary Contact	CSMBAXHSF1	1NO-1NC	Changeover	Right	9 mm	Wintrip2 80-100	1630	12
Auxiliary Contact	CSMBAXHSF2	2NO-2NC	Changeover	Right	9 mm	Wintrip2 80-100	1710	
Alarm Contact	CSMBALHSF1	1 Changeover	Changeover	Right	9 mm	Wintrip2 80-100	1630	
Shunt Trip	CSMBHS012DCSF	-	-	Left	18 mm	Wintrip2 80-100	1910	6
Shunt Trip	CSMBHS024DCSF	-	-	Left	18 mm	Wintrip2 80-100	1910	
Shunt Trip	CSMBHS048DCSF	-	-	Left	18 mm	Wintrip2 80-100	1910	
Shunt Trip	CSMBHS220ACSF	-	-	Left	18 mm	Wintrip2 80-100	1910	

Wintrip MCB Type Changeover Switch

[HSN Code: 8536]



Description	Pole	Rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole					
Two way centre OFF Changeover Switch	2	25	CSCOS2P25A	2620	6
Two way centre OFF Changeover Switch	2	40	CSCOS2P40A	3880	
Two way centre OFF Changeover Switch	2	63	CSCOS2P63A	4490	
4 Pole					
Two way centre OFF Changeover Switch	4	25	CSCOS4P25A	4950	3
Two way centre OFF Changeover Switch	4	40	CSCOS4P40A	7410	
Two way centre OFF Changeover Switch	4	63	CSCOS4P63A	7970	

SmartSol Mini MCB DP

[HSN Code: 8536]



Description	Current rating (Amps.)	Reference	MRP (₹)
DP "C" 6-32A Mini MCB with Enclosure	6-32	CSMBSS2C6-32 <input checked="" type="checkbox"/>	1050
SPN "C" 6-32A Mini MCB with Enclosure	6-32	CSMBSS1C6-32*N	940

Non Stockable item

WiNtrip2

RCBO

RCCB with
Over-current Protection



- Range: 6~40A SPN (2 Module), 6~63A, 2P (4 Module) & 4P (8 Module)
- Standard IEC 60947-2 Annexure-B
- RoHS Compliance, conformity to EU ROHS Directive 2015/863/EU
- Ingress Protection: IP20
- Pad locking facility for maintenance and critical loads
- It can withstand abnormal heating and strong impact
- Humidity should not exceeding 50% at 40°C and not exceeding 90% at 25°C
- Pollution degree 2
- Installation class II or III
- Ambient operating temperature 30°C
- The 35 Sq. mm Terminal is designed to incorporate wires of bigger sizes



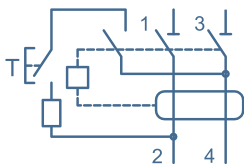
WiNtrip2 RCBO

RCCB with Over-current Protection



SPN (2 Module)			[HSN Code: 8536]					
Product Code	MRP (₹)	Std. Pkg. (Nos.)						
30mA 10kA								
CSRCBOSPNC06A30-10KA	POR	5						
CSRCBOSPNC10A30-10KA								
CSRCBOSPNC16A30-10KA								
CSRCBOSPNC20A30-10KA								
CSRCBOSPNC25A30-10KA								
CSRCBOSPNC32A30-10KA								
CSRCBOSPNC40A30-10KA								
100mA 10kA								
CSRCBOSPNC06A100-10KA	POR	5						
CSRCBOSPNC10A100-10KA								
CSRCBOSPNC16A100-10KA								
CSRCBOSPNC20A100-10KA								
CSRCBOSPNC25A100-10KA								
CSRCBOSPNC32A100-10KA								
CSRCBOSPNC40A100-10KA								
300mA 10kA								
CSRCBOSPNC06A300-10KA	POR	5						
CSRCBOSPNC10A300-10KA								
CSRCBOSPNC16A300-10KA								
CSRCBOSPNC20A300-10KA								
CSRCBOSPNC25A300-10KA								
CSRCBOSPNC32A300-10KA								
CSRCBOSPNC40A300-10KA								
2 Pole (4 Module)			4 Pole (8 Module) [HSN Code: 8536]					
Product Code	MRP (₹)	Std. Pkg. (Nos.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)			
30mA 10kA			30mA 10kA					
CSRCBO2PC06A30-10KA	POR	4	CSRCBO4PC06A30-10KA	POR	2			
CSRCBO2PC10A30-10KA	POR		CSRCBO4PC10A30-10KA					
CSRCBO2PC16A30-10KA	POR		CSRCBO4PC16A30-10KA					
CSRCBO2PC20A30-10KA	POR		CSRCBO4PC20A30-10KA					
CSRCBO2PC25A30-10KA	POR		CSRCBO4PC25A30-10KA					
CSRCBO2PC32A30-10KA	POR		CSRCBO4PC32A30-10KA					
CSRCBO2PC40A30-10KA	POR		CSRCBO4PC40A30-10KA					
CSRCBO2PC63A30-10KA	POR		CSRCBO4PC63A30-10KA					
100mA 10kA			100mA 10kA					
CSRCBO2PC06A100-10KA	POR		4			CSRCBO4PC06A100-10KA	POR	2
CSRCBO2PC10A100-10KA	POR	CSRCBO4PC10A100-10KA						
CSRCBO2PC16A100-10KA	POR	CSRCBO4PC16A100-10KA						
CSRCBO2PC20A100-10KA	POR	CSRCBO4PC20A100-10KA						
CSRCBO2PC25A100-10KA	POR	CSRCBO4PC25A100-10KA						
CSRCBO2PC32A100-10KA	POR	CSRCBO4PC32A100-10KA						
CSRCBO2PC40A100-10KA	POR	CSRCBO4PC40A100-10KA						
CSRCBO2PC63A100-10KA	POR	CSRCBO4PC63A100-10KA						
300mA 10kA				300mA 10kA				
CSRCBO2PC06A300-10KA	POR	4		CSRCBO4PC06A300-10KA	POR	2		
CSRCBO2PC10A300-10KA	POR		CSRCBO4PC10A300-10KA					
CSRCBO2PC16A300-10KA	POR		CSRCBO4PC16A300-10KA					
CSRCBO2PC20A300-10KA	POR		CSRCBO4PC20A300-10KA					
CSRCBO2PC25A300-10KA	POR		CSRCBO4PC25A300-10KA					
CSRCBO2PC32A300-10KA	POR		CSRCBO4PC32A300-10KA					
CSRCBO2PC40A300-10KA	POR		CSRCBO4PC40A300-10KA					
CSRCBO2PC63A300-10KA	POR		CSRCBO4PC63A300-10KA					

WiNtrip Residual Current Circuit Breaker



Test Button



Bi-connect Terminals

2 Pole, 30mA 10kA [HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB2P10A30-10kA	4870	5
16	CSRB2P16A30-10kA	4870	
20	<input checked="" type="checkbox"/> CSRB2P20A30-10kA	4870	
25	CSRB2P25A30-10kA	5010	
32	CSRB2P32A30-10kA	5120	
40	CSRB2P40A30-10kA	5170	
63	CSRB2P63A30-10kA	6890	
80	<input checked="" type="checkbox"/> CSRB2P80A30-10kA	POR	
100	<input checked="" type="checkbox"/> CSRB2P100A30-10kA	POR	

2 Pole, 100mA 10kA [HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	<input checked="" type="checkbox"/> CSRB2P10A100-10kA	4870	5
16	CSRB2P16A100-10kA	4870	
20	<input checked="" type="checkbox"/> CSRB2P20A100-10kA	4870	
25	CSRB2P25A100-10kA	5010	
32	CSRB2P32A100-10kA	5120	
40	CSRB2P40A100-10kA	5170	
63	CSRB2P63A100-10kA	6890	
80	CSRB2P80A100-10kA	POR	
100	<input checked="" type="checkbox"/> CSRB2P100A100-10kA	POR	

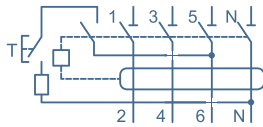
2 Pole, 300mA 10kA [HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB2P10A300-10kA	4880	5
16	<input checked="" type="checkbox"/> CSRB2P16A300-10kA	4880	
20	CSRB2P20A300-10kA	4890	
25	CSRB2P25A300-10kA	5280	
32	<input checked="" type="checkbox"/> CSRB2P32A300-10kA	5340	
40	<input checked="" type="checkbox"/> CSRB2P40A300-10kA	5660	
63	<input checked="" type="checkbox"/> CSRB2P63A300-10kA	7090	
80	<input checked="" type="checkbox"/> CSRB2P80A300-10kA	POR	
100	CSRB2P100A300-10kA	POR	

Non Stockable item



WiNtrip Residual Current Circuit Breaker



Test Button



Bi-connect Terminals

4 Pole, 30mA 10kA

[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	☒ CSR4P10A30-10kA	6050	4
16	CSR4P16A30-10kA	6070	
20	☒ CSR4P20A30-10kA	6130	
25	CSR4P25A30-10kA	6440	
32	CSR4P32A30-10kA	6450	
40	CSR4P40A30-10kA	6600	
63	CSR4P63A30-10kA	7490	
80	CSR4P80A30-10kA	POR	
100	☒ CSR4P100A30-10kA	POR	

4 Pole, 100mA 10kA

[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	☒ CSR4P10A100-10kA	6050	4
16	☒ CSR4P16A100-10kA	6070	
20	CSR4P20A100-10kA	6130	
25	CSR4P25A100-10kA	6440	
32	CSR4P32A100-10kA	6450	
40	CSR4P40A100-10kA	6600	
63	CSR4P63A100-10kA	7490	
80	CSR4P80A100-10kA	POR	
100	CSR4P100A100-10kA	POR	

4 Pole, 300mA 10kA

[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	☒ CSR4P10A300-10kA	6070	4
16	☒ CSR4P16A300-10kA	6120	
20	CSR4P20A300-10kA	6180	
25	☒ CSR4P25A300-10kA	6740	
32	☒ CSR4P32A300-10kA	6740	
40	CSR4P40A300-10kA	7020	
63	CSR4P63A300-10kA	7550	
80	☒ CSR4P80A300-10kA	POR	
100	CSR4P100A300-10kA	POR	

NOTE:

1. MCB in bulk packing are available on request.
2. The industrial MCB will have non-retail (NR) suffix in their part codes.
3. For MCB technical Data sheet, Dimesion details etc. please refer product catalogue or contact nearest Branch Office.

☒ Non Stockable item



ACCL

Automatic Changeover with Current Limiter



- Complying to IEC 60947-6 & IEC 60947-3
- Utilization Category AC 32A
- Rating : Mains - 30A, DG - 0.5A~30A
- Individual LED for Mains & DG
- Quick Transfer Time
- Fault Annunciation
- Higher Electrical Life
- Low Blackout Time
- Din Rail Mounting
- Auto Reset Facility
- Can be used for New Installations as Well as for Retrofits

ACCL

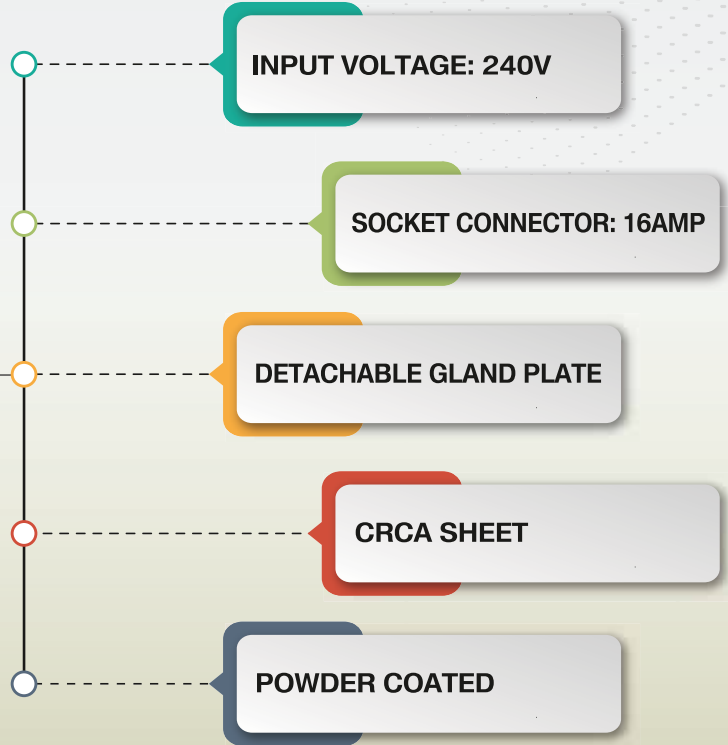
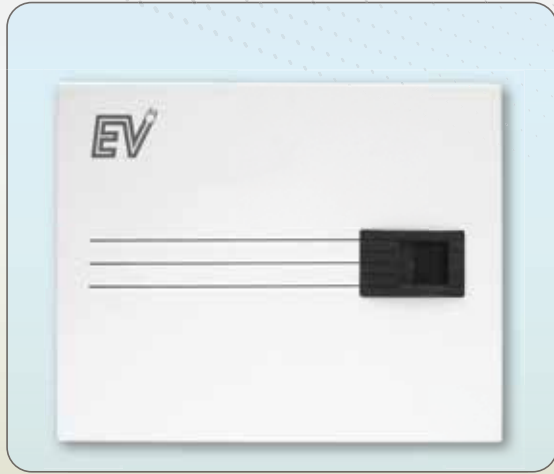
[HSN Code: 8536]

Product Code	Mains Rating (Amps.)	Genset Rating (Amps.)	MRP (₹)
TCALSS005	30	0.5	5500
TCALSS010	30	1	5500
TCALSS015	30	1.5	5500
TCALSS025	30	2.5	5500
TCALSS030	30	3	5500
TCALSS040	30	4	5500
TCALSS050	30	5	5500
TCALSS060	30	6	5500
TCALSS080	30	8	5500
TCALSS090	30	9	5500
TCALSS100	30	10	5500
TCALSS150	30	15	5500
TCALSS200	30	20	5500
TCALSS250	30	25	5500
TCALSS300	30	30	5500

 Non Stockable item



Distribution Board



- Dedicated Charging Infrastructure
- Electric Utilities
- Efficient Power Distribution
- Car Parking

*For MRP & other details, please contact nearest branch office



Epitome

IP43 Distribution Boards



for Residential & industrial application

- Heavy duty Gasket to inhibit the entry of foreign particles
- Choice of multiple incomers as MCB/Isolator/RCCB
- Adequate wiring space
- Also available with lock & key mechanism for safety
- Real time data monitoring & seamless IOT Integration option available



EPITOME IP43 Distribution Boards

[HSN Code: 8537]

Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
SPN Distribution Board			
SPN Double Door 04 Way IP43 DB	CSDBSPNPWXDD04	4	2850
SPN Double Door 06 Way IP43 DB	CSDBSPNPWXDD06	6	3340
SPN Double Door 08 Way IP43 DB	CSDBSPNPWXDD08	8	3600
SPN Double Door 10 Way IP43 DB	CSDBSPNPWXDD10	10	4350
SPN Double Door 12 Way IP43 DB	CSDBSPNPWXDD12	12	4570
SPN Double Door 16 Way IP43 DB	CSDBSPNPWXDD16	16	5810
SPN Double Door 20 Way IP43 DB	CSDBSPNPWXDD20	20	7850
TPN Distribution Board			
TPNH Double Door 04 Way IP43 DB	CSDBTPNHPWXDD04	8+12	7690
TPNH Double Door 06 Way IP43 DB	CSDBTPNHPWXDD06	8+18	9590
TPNH Double Door 08 Way IP43 DB	CSDBTPNHPWXDD08	8+24	11920
TPNH Double Door 12 Way IP43 DB	CSDBTPNHPWXDD12	8+36	16170
TPNH Double Door 16 Way IP43 DB	CSDBTPNHPWXDD16	8+48	21070

EPITOME IP43 Distribution Boards

[HSN Code: 8537]

Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
PPI Vertical Distribution Board			
4 Way Double Door	CSDBTPNVPIWXDD04	8+6+12	12670
6 Way Double Door	CSDBTPNVPIWXDD06	8+6+18	13270
8 Way Double Door	CSDBTPNVPIWXDD08	8+6+24	15210
12 Way Double Door	CSDBTPNVPIWXDD12	8+6+36	18870
PPI Horizontal Distribution Board			
4 Way Double Door	CSDBTPNHPIWXDD04	8+6+12	11010
6 Way Double Door	CSDBTPNHPIWXDD06	8+6+18	12420
8 Way Double Door	CSDBTPNHPIWXDD08	8+6+24	14140
12 Way Double Door	CSDBTPNHPIWXDD12	8+6+36	17720
Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
VTPN Distribution Board (with provision for MCCB Winbreak1 as incomer & Wintrip2 MCB as outgoing)			
DB MCCB AS I/C 125A DD04 Way	CSDBMCCB125PWXDD04S	MCCB+12	19950
DB MCCB AS I/C 125A DD06 Way	CSDBMCCB125PWXDD06S	MCCB+18	21570
DB MCCB AS I/C 125A DD08 Way	CSDBMCCB125PWXDD08S	MCCB+24	22460
DB MCCB AS I/C 125A DD12 Way	CSDBMCCB125PWXDD12S	MCCB+36	30390
DB MCCB AS I/C 250A DD04 Way	CSDBMCCB250PWXDD04S	MCCB+12	23950
DB MCCB AS I/C 250A DD06 Way	CSDBMCCB250PWXDD06S	MCCB+18	27530
DB MCCB AS I/C 250A DD08 Way	CSDBMCCB250PWXDD08S	MCCB+24	31170
DB MCCB AS I/C 250A DD12 Way	CSDBMCCB250PWXDD12S	MCCB+36	38950
Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
VTPN Distribution Board (with Wintrip2 MCB as Incoming & Outgoing)			
TPNV Double Door 04 Way IP43 DB	CSDBTPNVMCBWXDD04	8+12	13560
TPNV Double Door 06 Way IP43 DB	CSDBTPNVMCBWXDD06	8+18	16010
TPNV Double Door 08 Way IP43 DB	CSDBTPNVMCBWXDD08	8+24	18500
TPNV Double Door 12 Way IP43 DB	CSDBTPNVMCBWXDD12	8+36	23600



Epitome

Distribution Boards

for Mivan Construction



Strong

Smart

Sleek

- IP43 Version-SPN-TPN
- Increased Sheet Thickness
- Low Depth -75mm
- Strong Gland Plates
- Option for real time data monitoring



EPITOME IP43 Distribution Boards

Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
SPN Distribution Board			
SPN Double Door 04 Way IP43 DB	CSDBSPNMIVWXDD04	4	3560
SPN Double Door 08 Way IP43 DB	CSDBSPNMIVWXDD08	8	4510
SPN Double Door 12 Way IP43 DB	CSDBSPNMIVWXDD12	12	5720
SPN Double Door 16 Way IP43 DB	CSDBSPNMIVWXDD16	16	7260
TPN Distribution Board			
TPNH Double Door 04 Way IP43 DB	CSDBTPNHMIVWXDD04	8+12	9020
TPNH Double Door 06 Way IP43 DB	CSDBTPNHMIVWXDD06	8+18	9960
TPNH Double Door 08 Way IP43 DB	CSDBTPNHMIVWXDD08	8+24	12350
TPNH Double Door 12 Way IP43 DB	CSDBTPNHMIVWXDD12	8+36	17120
Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
SPN TELEPHONE & TELEVISION SOCKET DISTRIBUTION BOARD	CSDBSPNMIVWXTVELDD06	2+06	4570
	CSDBSPNMIVWXTVELDD08	2+08	6800
	CSDBSPNMIVWXTVELDD12	2+12	8060
	CSDBSPNMIVWXTVELDD14	2+14	9030
TPN TELEPHONE & TELEVISION SOCKET DISTRIBUTION BOARD	CSDBTPNHMIVWXTVELDD04	8+12	11210
	CSDBTPNHMIVWXTVELDD06	8+18	12470
	CSDBTPNHMIVWXTVELDD08	8+24	16700
	CSDBTPNHMIVWXTVELDD12	8+36	19360



EPiC Distribution Board









[HSN Code: 8537]

Description	Product Code	Total Modules	MRP (₹)
SPN Distribution Board			
04 Way SPN Single Door	CSDBSPNPESD04	4	1350
06 Way SPN Single Door	CSDBSPNPESD06	6	1470
08 Way SPN Single Door	CSDBSPNPESD08	8	1740
12 Way SPN Single Door	CSDBSPNPESD12	12	2220
16 Way SPN Single Door	CSDBSPNPESD16	16	2840
SPN Distribution Board			
04 Way SPN Double Door	CSDBSPNPEDD04	4	2260
06 Way SPN Double Door	CSDBSPNPEDD06	6	2430
08 Way SPN Double Door	CSDBSPNPEDD08	8	2820
10 Way SPN Double Door	CSDBSPNPEDD10	10	3410
12 Way SPN Double Door	CSDBSPNPEDD12	12	3720
16 Way SPN Double Door	CSDBSPNPEDD16	16	4610



EPiC Distribution Board

[HSN Code: 8537]

Description	Product Code	Total Modules	MRP (₹)
TPN-Horizontal Distribution Board			
04 Way TPNH Single Door	CSDBTPNHPESD04	20	4280
06 Way TPNH Single Door	 CSDBTPNHPESD06	26	5360
08 Way TPNH Single Door	 CSDBTPNHPESD08	32	6270
12 Way TPNH Single Door	 CSDBTPNHPESD12	44	8460
TPN-Horizontal Distribution Board			
04 Way TPNH Double Door	CSDBTPNHPEDD04	20	6180
06 Way TPNH Double Door	CSDBTPNHPEDD06	26	7620
08 Way TPNH Double Door	CSDBTPNHPEDD08	32	9120
12 Way TPNH Double Door	 CSDBTPNHPEDD12	44	12420
TPN-Vertical Distribution Board			
04 Way TPNH Double Door	 CSDBTPNVPECGDD04	20	11260
06 Way TPNH Double Door	 CSDBTPNVPECGDD06	26	13280
08 Way TPNH Double Door	 CSDBTPNVPECGDD08	32	15430
12 Way TPNH Double Door	 CSDBTPNVPECGDD12	44	19660



Distribution Board

EPiC-F Distribution Board

[HSN Code: 8537]



Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
SPN Distribution Board			
04 Way SPN Single Door	CSDBSPNPSD04	4	1410
06 Way SPN Single Door	CSDBSPNPSD06	6	1550
08 Way SPN Single Door	CSDBSPNPSD08	8	1780
12 Way SPN Single Door	CSDBSPNPSD12	12	2340
16 Way SPN Single Door	CSDBSPNPSD16	16	3050
SPN Distribution Board			
04 Way SPN Double Door	CSDBSPNPGDD04	4	2300
06 Way SPN Double Door	CSDBSPNPGDD06	6	2570
08 Way SPN Double Door	CSDBSPNPGDD08	8	2880
10 Way SPN Double Door	CSDBSPNPGDD10	10	3490
12 Way SPN Double Door	CSDBSPNPGDD12	12	3780
16 Way SPN Double Door	CSDBSPNPGDD16	16	4720
TPN-Horizontal Distribution Board			
04 Way TPNH Single Door	CSDBTPNHPSD04	8+12	4550
06 Way TPNH Single Door	CSDBTPNHPSD06	8+18	5670
08 Way TPNH Single Door	CSDBTPNHPSD08	8+24	6600
12 Way TPNH Single Door	CSDBTPNHPSD12	8+36	8910
TPN-Horizontal Distribution Board			
04 Way TPNH Double Door	CSDBTPNHPCGDD04	8+12	6170
06 Way TPNH Double Door	CSDBTPNHPCGDD06	8+18	7700
08 Way TPNH Double Door	CSDBTPNHPCGDD08	8+24	9360
12 Way TPNH Double Door	CSDBTPNHPCGDD12	8+36	13100
VTPN Distribution Board (with provision for MCCB Winbreak1 as incomer & Wintrip2 MCB as outgoing)			
DB MCCB AS I/C 100A DD04 Way	CSDBMCCB125PDD04S	MCCB+12	19270
DB MCCB AS I/C 100A DD08 Way	CSDBMCCB125PDD08S	MCCB+24	21730
DB MCCB AS I/C 100A DD12 Way	CSDBMCCB125PDD12S	MCCB+36	30020
DB MCCB AS I/C 250A DD04 Way	CSDBMCCB250PDD04S	MCCB+12	23130
DB MCCB AS I/C 250A DD08 Way	CSDBMCCB250PDD08S	MCCB+24	30130
DB MCCB AS I/C 250A DD12 Way	CSDBMCCB250PDD12S	MCCB+36	37640

Selection Table for MCCB as Incomer VTPN Distribution Boards



	Description	Product Code	Type/Breaking Capacity	MCCB Rating
			Ics=100%Icu	
Winbreak 1 MCCB	CSE1M125ATM3P-*, CSE1M125ATM4P-*	CSDBMCCB125PDD04S	25kA, 36kA & 50kA	#FMU Release with rating lower than 63A ATM - 63A, 80A, 100A, 125A ETM - 40A, 63A, 100A, 125A
	CSE1NN125ATM3P-*, CSE1NN125ATM4P-*	CSDBMCCB125PDD08S		
	CSE1NN125ETM3P-*, CSE1NN125ETM4P-*	CSDBMCCB125PDD12S		
	CSE1S125ETM3P-*, CSE1S125ETM4P-*			
	CSE2M250ATM3P-*, CSE2M250A M4P-*	CSDBMCCB250PDD04S	25kA, 36kA & 50kA	ATM - 160A, 200A, 250V ETM - 160V, 200V, 250V
	CSE2NN250ATM3P-*, CSE2NN250ATM4P-*	CSDBMCCB250PDD08S		
CSE2S250ETM3P-*, CSE2S250ETM4P-*	CSDBMCCB250PDD12S			
CSE2SX250ETM3P-*, CSE2SX250ETM4P-*				
CSE2SX250ATM3P-*, CSE2SX250ATM4P-*				

NOTE: While Ordering, Replace*** by current Rating.

#For lower ratings please contact nearest Branch Office.

Special Distribution Board

Polycarbonate Cover Consumer Unit DB

[HSN Code: 8537]



Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
SPN WC 06 Way SD With Acrylic Door	CSDBSPNSDCA06	6	2610
SPN WC 08 Way SD With Acrylic Door	CSDBSPNSDCA08	8	2920
SPN WC 12 Way SD With Acrylic Door	CSDBSPNSDCA12	12	3760
SPN WC 16 Way SD With Acrylic Door	CSDBSPNSDCA16	16	4800

Phase Selector Distribution Board - TPN Phase Selector DD DB for incorporating

MCB / Isolator / RCCB, equipped with 3 Nos 63A Phase Selector Switches & 3 No Piano Switches

[HSN Code: 8537]



Description	Product Code	MRP (₹)
4 Way DD with 63A Rotary Switch	CSDBPHSCDD04RS63	22390
6 Way DD with 63A Rotary Switch	CSDBPHSCDD06RS63	22910
8 Way DD with 63A Rotary Switch	CSDBPHSCDD08RS63	25280
12 Way DD with 63A Rotary Switch	☒CSDBPHSCDD12RS63	28000
4 Way DD with 40A Rotary Switch	CSDBPHSCDD04RS40	22250
6 Way DD with 40A Rotary Switch	CSDBPHSCDD06RS40	22510
8 Way DD with 40A Rotary Switch	☒CSDBPHSCDD08RS40	25040
12Way DD with 40A Rotary Switch	☒CSDBPHSCDD12RS40	27520
4 Way DD without Rotary Switch	☒CSDBPHSCDD04	19140
6 Way DD without Rotary Switch	☒CSDBPHSCDD06	19610
8 Way DD without Rotary Switch	CSDBPHSCDD08	21580
12 Way DD without Rotary Switch	CSDBPHSCDD12	24660

7 Segment Distribution Board

[HSN Code: 8537]



Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
7 Segment TPN DD DB With Provision for FP MCB / Isolator / RCCB as incomer, DP MCB / Isolator / RCCB as sub incomer and SP MCBs as outgoing	☒CSDB7SEGDD04	8+12+12	17550
	CSDB7SEGDD06	8+12+18	19760
	☒CSDB7SEGDD08	8+12+24	22070
	☒CSDB7SEGDD12	8+12+36	28030

Price on request : Prewired Distribution Board fitted with Busbar, Terminal Block for incoming/outgoing phase neutral & Earth duly wired with Provision for ISO/RCCB/MCB as incomer and SP outgoing (without MCBs)

☒ Non Stockable item

FLEXI TIER Distribution Board

[HSN Code: 8537]

Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
14 MODULE 2 ROW DD DB	CSDBFLDD2R14	28	9630
14 MODULE 3 ROW DD DB	CSDBFLDD3R14	42	11340
14 MODULE 4 ROW DD DB	CSDBFLDD4R14	56	12540

Cable End Boxes

[HSN Code: 8537]

EPItOME

Description	Product Code	MRP (₹)
SPN Cable End Box		
SPN 4 Way	CSDBCBSPNPWXDD04	1430
SPN 6 Way	CSDBCBSPNPWXDD06	1640
SPN 8 Way	CSDBCBSPNPWXDD08	1840
SPN 10 Way	CSDBCBSPNPWXDD10	2050
SPN 12 Way	CSDBCBSPNPWXDD12	2240
SPN 16 Way	CSDBCBSPNPWXDD16	2660
SPN 20 Way	CSDBCBSPNPWXDD20	3090
TPN 4 Way	CSDBCBTPNHPWXDD04	2370
TPN 6 Way	CSDBCBTPNHPWXDD06	2550
TPN 8 Way	CSDBCBTPNHPWXDD08	2810
TPN 12 Way	CSDBCBTPNHPWXDD12	3660
TPN 16 Way	CSDBCBTPNHPWXDD16	4590
VTPN MCB I/C Cable End Box		
CABLE END BOX FOR CSDBTPNVMCBWXDD04~12 Way DB	CSDBCBTPNVMCBWXDD	2590
VTPN MCCB I/C Cable End Box		
CABLE END BOX FOR CSDBMCCBPWXDD04~12S Way DB	CSDBCBMCCBPWXDD	3060
PPI HORIZONTAL DB CABLE END BOX		
4 WAY DD	CSDBCBTPNHPPWXDD04	3030
6 WAY DD	CSDBCBTPNHPPWXDD06	3410
8 WAY DD	CSDBCBTPNHPPWXDD08	3920
12 WAY DD	CSDBCBTPNHPPWXDD12	4900
PPI VERTICAL DB CABLE END BOX		
6 WAY DD	CSDBCBTPNVPPWXDD06	3670
8 WAY DD	CSDBCBTPNVPPWXDD08	4180
12 WAY DD	CSDBCBTPNVPPWXDD12	5230
Epic-F / Epic Cable End Box		
SPN Cable End Box		
SPN 4 Way	CSDBCBSPNPDD04	1110
TPNH 6 Way	CSDBCBSPNPDD06	1230
SPN 8 Way	☒ CSDBCBSPNPDD08	1390
SPN 12 Way	CSDBCBSPNPDD12	1730
SPN 16 Way	CSDBCBSPNPDD16	2110
TPNH Cable End Box		
TPNH 4 Way	CSDBCBTPNHPDD04	1790
TPNH 6 Way	CSDBCBTPNHPDD06	2070
TPNH 8 Way	☒ CSDBCBTPNHPDD08	2350
TPNH 12 Way	CSDBCBTPNHPDD12	3000
TPNV Cable End Box		
CABLE END BOX FOR CSDBTPNVPEDD 04~12 WAY DB	CSDBCBTPNVPEDD	2550
VTPN MCCB I/C Cable End Box		
CABLE END BOX FOR CSDBMCCB125PDD04~12S WAY DB	CSDBCBMCCBPDDDB	3010
PPI Kit		
PPI KIT TO CONVERT TPNHP/TPNHPE DD 04 TO DD 02 WAY	CSDBPPPIKT01	3560
PPI KIT TO CONVERT TPNHP/TPNHPE DD 06 TO DD 04 WAY	CSDBPPPIKT02	4020
PPI KIT TO CONVERT TPNHP/TPNHPE DD 08 TO DD 06 WAY	CSDBPPPIKT03	4510
PPI KIT TO CONVERT TPNHP/TPNHPE DD 12 TO DD 10 WAY	CSDBPPPIKT04	5420



WiNtrip Distribution Board

WiNtrip Plug and Socket DBs (without MCB)

Powder Coated Sheet Metal Deep Drawn DBs with Plug & Socket including insulated Neutral link, adjustable Din Rail and connecting links.

[HSN Code: 8537]

Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
10Amp SPN	<input checked="" type="checkbox"/> CSDBPSSPN010	2040	12
20Amp SPN	CSDBPSSPN020	2040	12
20Amp SPN (SP Cutout)	CSDBPSSPN020SP	2040	12
20Amp TPN	CSDBPSTPN020	4920	6
30Amp TPN	CSDBPSTPN030	5400	6



WiNtrip Plug and Sockets (Metal Clad)

[HSN Code: 8537]

Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
10Amp SPN Plug	CSDBPSPN010	420	36
10Amp SPN Socket	CSDBSSPN010	430	36
20Amp SPN Plug	CSDBPSPN020	440	36
20Amp SPN Socket	CSDBSSPN020	530	36
20Amp TPN Plug	CSDBPTPN020	540	36
20Amp TPN Socket	CSDBSTPN020	540	36
30Amp TPN Plug	CSDBPTPN030	850	36
30Amp TPN Socket	CSDBSTPN030	850	36



WiNtrip Metal Enclosures (with Din Rail)

For Mounting WiNtrip MCBs / RCCBs / Isolators

[HSN Code: 8537]

Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
SP Enclosure	CSDBMCBESP	700	24
DP Enclosure	CSDBMCBEDP	700	24
TP Enclosure	CSDBMCBETP	830	12
FP Enclosure	CSDBMCBEFP	830	12



WiNtrip Plastic Enclosure without MCB

[HSN Code: 8537]

Description	Product Code	MRP (₹)
Plastic MCB Enclosure SP&DP/STD	CSDBMCBEPDP	290
Plastic MCB Enclosure TP&FP/STD	CSDBMCBEFPF	390



MCB Enclosure IP55

[HSN Code: 8537]

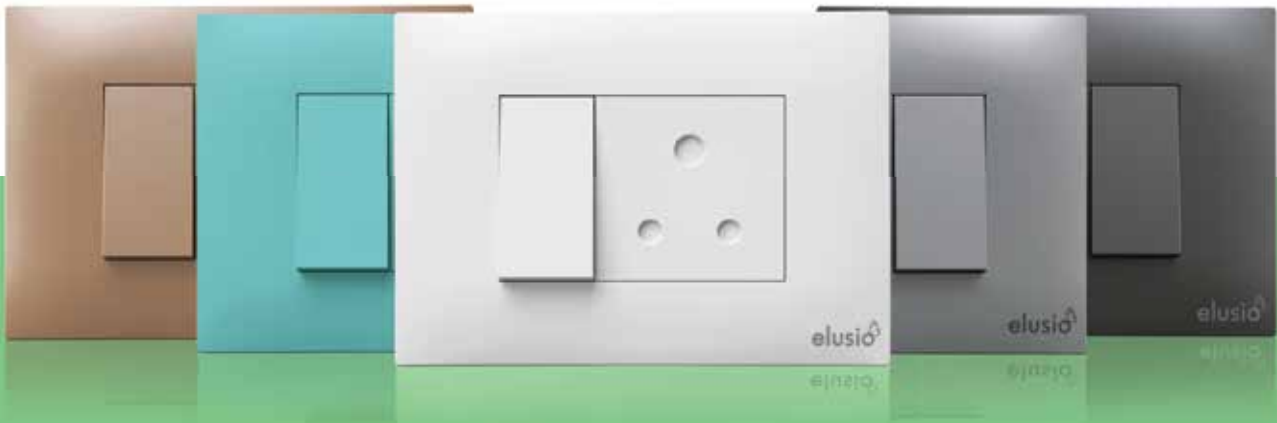
4 Pole Enclosure

Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
MCB Enclosure IP55 04 Way	CSDBEP04	2810	1

Non Stockable item



elusio
SWITCHES
Born Green



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Stylish and eco-friendly.
30% more switch.
upto 3 times more switching.



FRONT MOUNT
& REMOVAL OPTION



SLEEK
DESIGN



UNBREAKABLE
DESIGNS



SMOOTH
TO TOUCH

Colors available in White, Elusio Green, Champagne, Dark Grey & Charcoal Black

Switches

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White/Charcoal Black/Dark Grey	Champagne	Elusio Green	
CE20113NR	85361010	6AX Switch SP 1 way	6AX	1M	137	180	207	20
CE20114NR	85361010	6AX Switch SP 1 way with Indicator	6AX	1M	188	231	258	
CE20123NR	85361010	6AX Switch SP 2 way	6AX	1M	207	232	270	
CE20568NR	85361010	10AX Switch SP 1 way	10AX	1M	179	235	270	
CE20569NR	85361010	10AX Switch SP 1 way with Indicator	10AX	1M	231	266	306	
CE20571NR	85361010	10AX Switch SP 2 way	10AX	1M	255	289	332	
CE20573NR	85361020	16AX Switch SP 1 way	16AX	1M	197	218	256	
CE20574NR	85361020	16AX Switch SP 1 way with Indicator	16AX	1M	263	290	328	
CE20578NR	85361020	16AX Switch SP 2 way	16AX	1M	297	309	385	
CE20580NR	85361020	20AX Switch SP 1 way	20AX	1M	244	278	318	
CE20581NR	85361020	20AX Switch SP 2 way	20AX	1M	358	392	450	10
CE20584NR	85361020	20AX Switch SP 1 way with Indicator	20AX	1M	321	343	394	
CE20115NR	85361010	6AX Switch SP 1 way with Indicator	6AX	2M	262	280	322	
CE20124NR	85361010	6AX Switch SP 2 way	6AX	2M	242	286	345	
CE20570NR	85361010	10AX Switch SP 1 way with Indicator	10AX	2M	300	322	370	
CE20572NR	85361010	10AX Switch SP 2 way	10AX	2M	290	347	400	
CE20575NR	85361020	16AX Switch SP 1 way with Indicator	16AX	2M	274	324	373	
CE20579NR	85361020	16AX Switch SP 2 way	16AX	2M	319	370	426	
CE20582NR	85361020	20AX Switch SP 1 way	20AX	2M	298	337	423	
CE20583NR	85361020	20AX Switch SP 2 way	20AX	2M	369	426	490	
CE20121NR	85361020	32A DP Switch with Indicator	32A	2M	781	949	1076	



Bell Push Switches

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White/Charcoal Black/Dark Grey	Champagne	Elusio Green	
CE20509NR	85361010	6A Bell Push Switch	6A	1M	162	184	215	20
CE20508NR	85361010	6A Bell Push Switch with Indicator	6A	1M	190	234	269	
CE20510NR	85361010	6A Bell Push Switch	6A	2M	190	237	265	10
CE20511NR	85361010	6A Bell Push Switch with Indicator	6A	2M	217	271	327	



Blanking / Phase Indicator

Product Code	HSN Code	Description	Module	MRP (₹)			Std. Pkg. (Nos.)
				White / Charcoal Black / Dark Grey	Champagne	Elusio Green	
CE20056NR	85361010	Blanking Plate	1M	52	62	72	40
CE20631NR	85361010	Phase Indicator Red	1M	311	-	-	20



NOTE: Phase indicator is available in white colour only.

Fan Regulator / Dimmer

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White / Charcoal Black / Dark Grey	Champagne	Elusio Green	
CE20827NR	85361010	4 Step Fan Regulator	100W	1M	526	526	619	20
CE20826NR	85361010	5 Step Fan Regulator	100W	2M	676	696	811	10
CE20828NR	85361010	5 Step Fan Regulator	120W	2M	929	987	1101	10
CE20804NR	85361010	Rotary Dimmer	300W	1M	724	824	948	20
CE20801NR	85361010	Rotary Dimmer	500W	2M	873	986	1136	10
CE20829NR	85361010	BLDC Fan Regulator	500W	2M	709	764	878	10



Sockets

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White / Charcoal Black / Dark Grey	Champagne	Elusio Green	
CE20370NR	85361020	6A 3 Pin Socket	6A	2M	198	320	370	10
CE20352NR	85361020	6/16A 3 Pin Socket	6/16A	2M	332	385	457	
CE20354NR	85361020	6/16A 3 Pin Socket- Projected	6/16A	2M	354	422	488	10



NOTE: For ordering color accessories suffix CB for Charcol Black, DG for Dark Grey, CZ for Champagne, JG for Elusio Green e.g. for ordering one module Charcol Black plate, the code would be CE25801CB



TV / Telephone / Computer / HDMI / VGA / USB / Night Lamp / Skirt Light

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White/Charcoal Black/Dark Grey	Champagne	Elusio Green	
CE20228NR	85361010	TV Socket		1M	127	148	184	20
CE20251NR	85361010	RJ 11 Telephone Socket		1M	117	143	177	
CE20272NR	85361010	RJ 45 Cat 6 Computer Socket	Cat 6	1M	1176	1218	1443	
CE20273NR	85361010	RJ 45 Cat 6a Computer Socket	Cat6a	1M	2490	2532	2912	10
CE20276NR	85361010	HDMI Socket		1M	1525	1752	2014	
CE20277NR	85361010	VGA Socket		1M	1519	1677	1928	20
CE20275NR	85044030	USB Charger Socket (Fast Charging)	2.1A, A type	1M	1449	1612	1911	
CE20278NR	85044030	USB Charger Socket (Power Delivery)	18W C type	1M	3240	3658	3867	10
CE20633NR	94051090	Night Lamp		2M	508	523	633	
CE20632NR	94051090	Skirt Light with LED		2M	737	814	936	



CE20228 CE20251 CE20272



CE20276 CE20277



CE20275 CE20633 CE20632

Single Phase Motor Starter

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White/Charcoal Black/Dark Grey	Champagne	Elusio Green	
CE20364NR	85361020	Motor Starter 16A	16A	2M	834	900	1035	10
CE20366NR	85361020	Motor Starter 25A	25A	2M	834	900	1035	



CE20364



CE20610 CE20609 CE20636



CE20825

Hospitality Range

Product Code	HSN Code	Description	Module	MRP (₹)			Std. Pkg. (Nos.)
				White/Charcoal Black/Dark Grey	Champagne	Elusio Green	
CE20611NR	85361010	DND/CMR internal unit	1M	454	485	557	10
CE20610NR	85361010	DND/CMR external unit	1M	728	744	856	
CE20609NR	85361010	DND/MMR Indicator	1M	521	559	643	20
CE20116NR	85361010	6AX Switch SP 1 way MMR	1M	200	205	237	
CE20125NR	85361010	6AX Switch SP 2 way DND	1M	262	268	307	
CE20636NR	85361010	Buzzer	1M	699	845	971	3
CE20825NR	85361010	16A Electronic Key Card Switch	2M	5000	5250	5515	

Modular - Miniature Circuit Breakers

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White/Charcoal Black/Dark Grey	Champagne	Elusio Green	
CE20431NR	85361010	MCB 6A Single Pole 4.5kA	6A, C Curve	1M	435	475	540	12
CE20432NR	85361010	MCB 10A Single Pole 4.5kA	10A, C Curve	1M	435	475	540	
CE20433NR	85361010	MCB 16A Single Pole 4.5kA	16A, C Curve	1M	435	475	540	
CE20437NR	85361010	MCB 20A Single Pole 4.5kA	20A, C Curve	1M	435	475	540	
CE20435NR	85361010	MCB 25A Single Pole 4.5kA	25A, C Curve	1M	435	475	540	
CE20436NR	85361010	MCB 32A Single Pole 4.5kA	32A, C Curve	1M	435	475	540	
CE20438NR	85361010	MCB 6A Double Pole 4.5kA	6A, C Curve	2M	895	955	1100	6
CE20439NR	85361010	MCB 10A Double Pole 4.5kA	10A, C Curve	2M	895	955	1100	
CE20440NR	85361010	MCB 16A Double Pole 4.5kA	16A, C Curve	2M	895	955	1100	
CE20441NR	85361010	MCB 20A Double Pole 4.5kA	20A, C Curve	2M	895	955	1100	
CE20442NR	85361010	MCB 25A Double Pole 4.5kA	25A, C Curve	2M	895	955	1100	
CE20443NR	85361010	MCB 32A Double Pole 4.5kA	32A, C Curve	2M	895	955	1100	



CE20436 CE20440

Cover Plate with Support Plate

Product Code	HSN Code	Description	Module	MRP (₹)			Std. Pkg. (Nos.)
				White/Charcoal Black/Dark Grey	Champagne	Elusio Green	
CE25801WHNR	85381010	Cover & Support Plate	1M	132	279	313	10
CE25802WHNR	85381010	Cover & Support Plate	2M	132	279	313	
CE25803WHNR	85381010	Cover & Support Plate	3M	170	324	373	
CE25804WHNR	85381010	Cover & Support Plate	4M	200	388	447	
CE25806WHNR	85381010	Cover & Support Plate	6M	276	609	698	
CE25807WHNR	85381010	Cover & Support Plate	6M (2x3)	276	609	698	
CE25808WHNR	85381010	Cover & Support Plate-Horizontal	8M	333	683	789	5
CE25809WHNR	85381010	Cover & Support Plate-Vertical	8MV	333	683	789	
CE25812WHNR	85381010	Cover & Support Plate	12M	491	976	1048	
CE25816WHNR	85381010	Cover & Support Plate	16M	609	1054	1123	
CE25818WHNR	85381010	Cover & Support Plate	18M	676	1381	1435	



CE25803WH



NOTE: For ordering color accessories suffix CB for Charcoal Black, DG for Dark Grey, CZ for Champagne, JG for Elusio Green e.g. for ordering on e module Charcol Black plate, the code would be CE25801CB



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C&S Primo Plus Antibacterial Switches protects from Germs & Bacterial infections



ANTIBACTERIAL MODULAR SWITCHES



MODULAR SWITCHES



WEATHER PROOF ENCLOSURES

Primo Plus SWITCHES

- Available with Anti Bacterial features* Sleek design, compatible with PRIMO range of switches
- Highly aesthetic break free design
- Compatible to market boxes
- High gloss design
- Designed with front mounting and removable feature
- Ease of mounting
- Available in 1M -18M

DIVINO SWITCHES

Primo Plus SWITCHES

PRIMO SWITCHES

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COMBI WEATHER-PROOF ENCLOSURES



Modular Switches | DIVINO

Switches

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
One-Way Switches						
CG20113PWNR / CG23113NR	85361010	1P-6A	General	1	122	20
CG20114PWNR / CG23114NR	85361010	1P-6A	Luminous	1	208	
CG20573PWNR / CG23573NR	85361020	1P-16A	General	1	173	
CG20574PWNR / CG23574NR	85361020	1P-16A	Luminous	1	198	
CG20117PWNR / CG23117NR	85361020	1P-25A	General	1	302	
CG20118PWNR / CG23118NR	85361020	1P-25A	Luminous	1	258	
CG20120PWNR / CG23120NR	85361020	2P-32A	Luminous	2	352	10
Two-Way Switches						
CG20123PWNR / CG23123NR	85361010	1P-6A	General	1	142	20
CG20578PWNR / CG23578NR	85361020	1P-16A	General	1	233	

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Bell Push Switches						
CG20508PWNR / CG23508NR	85361010	1P-6A	Luminous	1	261	20
CG20509PWNR / CG23509NR	85361010	1P-6A	With Symbol	1	145	

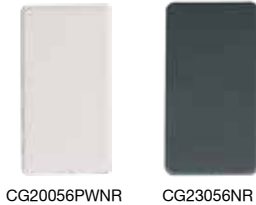
Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Blanking Modules						
CG20056PWNR / CG23056NR	85381010	1 Gang	-	1	35	40
CG20073PWNR / CG23073NR	85381010	2 Gang	-	2	80	20

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Neon Indicators						
CG20634PWNR / CG23634NR	85361010	Red Color	-	1	139	20

Fan Regulator / Dimmer

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Fan Regulator						
CG20826PWNR / CG23826NR	85361010	5 Step (100W)	Rotary	2	616	10
CG20827PWNR / CG23827NR	85361010	4 Step (100W)	Rotary	1	497	20

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Dimmer						
CG20801PWNR / CG23801NR	85361010	500W	Rotary (Stepless)	2	613	10
CG20804PWNR / CG23804NR	85361010	300W	Rotary (Stepless)	1	538	20



Socket

Product Code - Pure White / Grey	HSN Code	Description	For Plug Pin	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Sockets With Safety Shutters						
CG20370PWNR / CG23370NR	85361010	6A Socket 3 Pin (Flushed)	Round	2	148	10
CG20354PWNR / CG23354NR	85361020	6/16A Twin Socket 3 Pin (Flushed)	Round	3	352	6
CG20352PWNR / CG23352NR	85361020	6/16A Twin Socket 3 Pin (Projected)	Round	2	302	10



CG20370PWNR CG23370NR



CG20251PWNR CG23251NR

Product Code - Pure White / Grey	HSN Code	Description	Nos. Pairs	For Plug Pin	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Telephone / Computer / TV Socket							
CG20251PWNR / CG23251NR	85361010	RJ11	2	Twisted pair	1	164	20
CG20228PWNR / CG23228NR	85361010	TV Socket	-	-		158	
CG20272PWNR / CG23272NR	85361010	RJ45 CAT6	4	UTP		730	
CG20273PWNR / CG23273NR	85361010	RJ45 CAT6a		UTP		1600	

Buzzer

CG20636PWNR / CG23636NR	85361010	Buzzer	1	318	20
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CG20636PWNR



CG20275PWNR

USB Charger Socket

Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CG20275PWNR / CG23275NR	85044030	USB Charger Socket 2.1A (Fast Charging)	1	1248	20

Hospitality Range

Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Energy Key Tag					
CG20815PWNR / CG23815NR	85361020	1P-25A, 230V-Energy Key Switch With Tag	2	808	1
CG20434PWNR / CG23434NR	85361010	Tag For Energy Key Tag		167	10



CG20815PWNR



CG20124PWNR CG23609NR



CG20125PWNR CG23610NR



CG20126PWNR CG23611NR

Application activation of functions service inside hotel rooms (e.g.m light, air-conditioner, minibar) when the room is occupied (with badge inserted)

Do Not Disturb

CG20609PWNR / CG23609NR	85361010	Indicator	1	146	20
CG20124PWNR / CG23124NR	85361010	6A-230V, IW, SP Luminous Switch		207	
CG20612PWNR / CG23612NR	85361010	Unit (Indicator+Switch)	1+1	347	10

Room Occupied

CG20610PWNR / CG23610NR	85361010	Indicator	1	146	20
CG20125PWNR / CG23125NR	85361010	6A-230V, IW, SP Luminous Switch		207	
CG20613PWNR / CG23613NR	85361010	Unit (Indicator+Switch)	1+1	347	10

Make My Room

CG20611PWNR / CG23611NR	85361010	Indicator	1	146	20
CG20126PWNR / CG23126NR	85361010	6A-230V, IW, SP Luminous Switch		207	
CG20614PWNR / CG23614NR	85361010	Unit (Indicator+Switch)	1+1	347	10



Modular Switches | DIVINO



CG20825PWNR



CG20632NR



CG20436PWNR



CG20443PWNR



CG26401PWNR



CG20362PWNR



CG25703PWNR



CG25803PWNR

Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Time Delay Electronic Switch (Card Operated)					
CG20825PWNR / CG23825NR	85361020	25A	3	1801	6

Foot Lamp					
CG20631NR	94051090	230V-LED Yellow Night Lamp	3	504	6
CG20632NR	94051090	230V-LED Blue Night Lamp			
CG20633NR	94051090	230V-LED White Night Lamp			

Modular Miniature Case Circuit Breaker - WIntrip 'S'

Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Single Pole					
CG20431PWNR	85361010	6A Single Pole 4.5kA - Tripping Curve 'C'	1	272	12
CG20432PWNR	85361010	10A Single Pole 4.5kA - Tripping Curve 'C'			
CG20433PWNR	85361020	16A Single Pole 4.5kA - Tripping Curve 'C'			
CG20437PWNR	85361020	20A Single Pole 4.5kA - Tripping Curve 'C'			
CG20435PWNR	85361020	25A Single Pole 4.5kA - Tripping Curve 'C'			
CG20436PWNR	85361020	32A Single Pole 4.5kA - Tripping Curve 'C'			

Double Pole					
CG20438PWNR	85361010	6A Double Pole 4.5kA - Tripping Curve 'C'	2	637	6
CG20439PWNR	85361010	10A Double Pole 4.5kA - Tripping Curve 'C'			
CG20440PWNR	85361020	16A Double Pole 4.5kA - Tripping Curve 'C'			
CG20441PWNR	85361020	20A Double Pole 4.5kA - Tripping Curve 'C'			
CG20442PWNR	85361020	25A Double Pole 4.5kA - Tripping Curve 'C'			
CG20443PWNR	85361020	32A Double Pole 4.5kA - Tripping Curve 'C'			

Power Unit

Product Code - Pure White	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
Power Unit with Metal Box				
CG26401PWNR	85371000	16Amp Power Unit	1113	1
Power Unit with PVC				
CG26404PWNR	85371000	16Amp Power Unit	1005	1

Single Phase Motor Starter

Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CG20362PWNR / CG23362NR	85361020	Motor Starter 16A	2	588	10
CG20364PWNR / CG23364NR	85361020	Motor Starter 25A	2	695	

Pure White Cover Plates With Support Plate

Product Code - Vera / Virna	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG25701PWNR / CG25801PWNR	85381010	1 Module Plate	123	10
CG25702PWNR / CG25802PWNR	85381010	2 Module Plate		
CG25703PWNR / CG25803PWNR	85381010	3 Module Plate		
CG25704PWNR / CG25804PWNR	85381010	4 Module Plate		
CG25706PWNR / CG25806PWNR	85381010	6 Module Plate	330	5
CG25708PWNR / CG25808PWNR	85381010	8 Module Plate - Vertical		
CG25709PWNR / CG25809PWNR	85381010	8 Module Plate - Horizontal		
CG25712PWNR / CG25812PWNR	85381010	12 Module Plate		
CG25718PWNR / CG25818PWNR	85381010	18 Module Plate		

Glossy Grey Cover Plates With Support Plate

Product Code Vera / Virna	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG25701GRNR / CG25801GRNR	85381010	1 Module Plate	195	10
CG25702GRNR / CG25802GRNR	85381010	2 Module Plate		
CG25703GRNR / CG25803GRNR	85381010	3 Module Plate		
CG25704GRNR / CG25804GRNR	85381010	4 Module Plate		
CG25706GRNR / CG25806GRNR	85381010	6 Module Plate	412	5
CG25708GRNR / CG25808GRNR	85381010	8 Module Plate - Vertical		
CG25709GRNR / CG25809GRNR	85381010	8 Module Plate - Horizontal		
CG25712GRNR / CG25812GRNR	85381010	12 Module Plate		
CG25718GRNR / CG25818GRNR	85381010	18 Module Plate	868	



CG25803GRNR

Cover Plates With Support Plate

Product Code Vera / Virna	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
Cadet Grey / Black Olive / Argent Grey / Charcol Black / Arsenic Black / Champagne / Candy Red / Coral Red / British Green Plates				
CG25701NR / CG25801NR	85381010	1 Module Plate	283	10
CG25702NR / CG25802NR	85381010	2 Module Plate		
CG25703NR / CG25803NR	85381010	3 Module Plate		
CG25704NR / CG25804NR	85381010	4 Module Plate		
CG25706NR / CG25806NR	85381010	6 Module Plate	645	5
CG25708NR / CG25808NR	85381010	8 Module - Vertical		
CG25709NR / CG25809NR	85381010	8 Module - Horizontal		
CG25712NR / CG25812NR	85381010	12 Module Plate		
CG25718NR / CG25818NR	85381010	18 Module Plate	1063	



CG25803BGNR



CG25803CORN

Please add codes CG for Cadet Grey, BO for Black Olive, AG for Argent Grey, CB for Charcol Black, AB for Arsenic Black, CH for Champagne, CAR for Candy Red, COR for Coral Red, BG for British Green Plates e.g. for ordering one module Vera Cadet Grey plate code would be CG25701CG

English Walnut & Burly Wood Cover Plates With Support Plate

Product Code Vera / Virna	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG25701NR / CG25801NR	85381010	1 Module Plate	415	10
CG25702NR / CG25802NR	85381010	2 Module Plate		
CG25703NR / CG25803NR	85381010	3 Module Plate		
CG25704NR / CG25804NR	85381010	4 Module Plate		
CG25706NR / CG25806NR	85381010	6 Module Plate	928	5
CG25708NR / CG25808NR	85381010	8 Module Plate - Vertical		
CG25709NR / CG25809NR	85381010	8 Module Plate - Horizontal		
CG25712NR / CG25812NR	85381010	12 Module Top Plate		
CG25718NR / CG25818NR	85381010	18 Module Plate	1380	



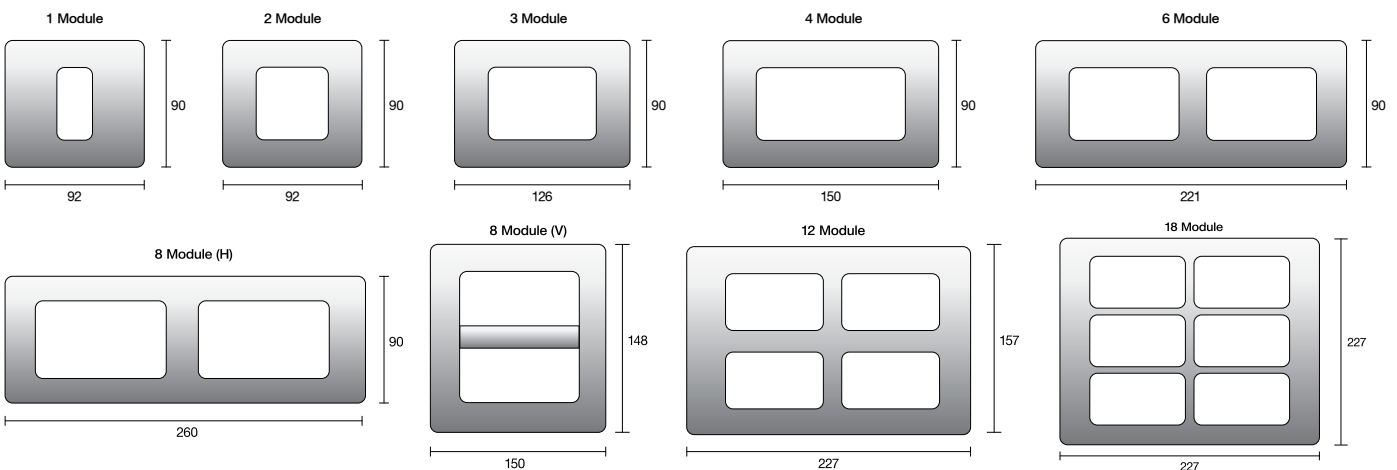
CG25703BWN



CG25803EWN

Please add codes EW for English Walnut and BW for Burly Wood e.g. for ordering one module Vera English Walnut plate code would be CG25701EW

Cover Plate Sizes (All dimensions in mm)





CG26000WNR CG26400WNR



CG24025WNR



CG26012WNR



CG26020WNR

IP55 Enclosures

Product Code	HSN Code	Description	Configuration	MRP (₹)	Std. Pkg. (Nos.)
Watertight And Dust Proof Enclosures IP55-Surface Mounting					
CG26000WNR	85371000	Bell Push	1 Module	806	1
CG26400WNR	85371000	16A Switch, 6/16A Socket	3 Module	1453	
CG26016WNR	85371000	6A Switch	1 Module	850	10

IP55 Motor Starter

CG26018WNR	85381010	IP55 2M Enclosure With 16A Motor Starter		1561	10
CG26019WNR	85381010	IP55 2M Enclosure With 25A Motor Starter		1834	

Watertight Plates For Flush Mounting Installations IP55 (Compatible with 3M concealed box)

CG24025WNR	85381010	3 Gang		860	10
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Product Code	HSN Code	Description	Configuration	External Dim. LxHxD (mm)	MRP (₹)	Std. Pkg. (Nos.)
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Watertight Enclosures For Fixed Or Movable Applications

CG26010WNR	85381010	1 Gang	Module 1	80x64x59	613	10
CG26011WNR	85381010	2 Gang	Module 2	80x64x59	624	
CG26012WNR	85381010	3 Gang	Module 3	80x96x59	761	
CG26013WNR	85381010	4 Gang	Module 4x1	80x128x59	967	
CG26014WNR	85381010	8 Gang	Module 4x2	160x128x59	1630	5
CG26015WNR	85381010	12 Gang	Module 4x3	240x128x59	2235	3



IP40 Enclosures (Combined)

CG26020WNR	85381010	6A Switch, 6A Socket		392	10
CG26021WNR	85381010	16A Switch, 16A Protected Socket		449	

Accessories



CG28017NR



CG28020NR

Plug Top

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG28014NR	85361010	6A Plug Top	89	10
CG28015NR	85361020	16A Plug Top	158	
CG28017NR	85361020	16A Plug Top with Indicator	172	

Multi Plug Socket

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG28020NR	85361010	6A Multi Plug Socket	129	10

Power Extension & Door Bell



ACEXB001NR



ACEXB002NR



ACEXB003NR



ACDB001NR

ACDB002NR

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACEXB001NR	85381010	4 Universal Socket with 1Master Switch with 1.5m wire	786	1
ACEXB002NR	85381010	4 Universal Socket with 4 Switches with 1.5m wire	802	
ACEXB003NR	85381010	4 Universal Socket with 1 Master Switch, 1 Thermal Switch with 1.5m wire	770	
ACEXB004NR	85381010	4 Universal Socket with 1Master Switch with 3m wire	1283	
ACEXB005NR	85381010	4 Universal Socket with 4 Switches with 3m wire	1308	
ACEXB006NR	85381010	4 Universal Socket with 1 Master Switch, 1 Thermal Switch with 3m wire	1263	
ACEXB007NR	85381010	4 Universal Socket with 1Master Switch with 5m wire	1569	
ACEXB008NR	85381010	4 Universal Socket with 4 Switches with 5m wire	1616	
ACEXB009NR	85381010	4 Universal Socket with 1 Master Switch, 1 Thermal Switch with 5m wire	1544	
ACDB001NR	85381010	Door Bell - Jewell (Ding Dong Sound)	440	
ACDB002NR	85381010	Door Bell - Curvy (Ding Dong Sound)		

Batten Holder



ACBHS001NR ACBHA004NR



ACBHA005NR



ACBHS006NR



ACBHS008NR



ACBHS001BNR



ACCR001NR

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACBHS001NR	85381010	Straight Batten Holder (Plain)	65	20
ACBHA003NR	85381010	Angular Batten Holder (Plain)		
ACBHS002NR	85381010	Straight Batten Holder (Fancy)	82	
ACBHA004NR	85381010	Angular Batten Holder (Fancy)	82	
ACBHA005NR	85381010	Batten Holder common (2 in 1)	82	10
ACBHS006NR	85381010	Square Batten Holder (Plain)	113	
ACBHA007NR	85381010	Square angle Batten Holder (Plain)		
ACBHS008NR	85381010	Slim Batten Holder (Fancy)	126	
ACBHA009NR	85381010	Slim angle Batten Holder (Fancy)		

Batten Holder & Ceiling Rose

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACBHS001BNR	85381010	Batten Holder Straight	57	20
ACBHA003BNR	85381010	Batten Holder Angular		
ACBHS002BNR	85381010	Batten Holder Straight Fancy	79	
ACBHA004BNR	85381010	Batten Holder Angular Fancy		

Ceiling Rose

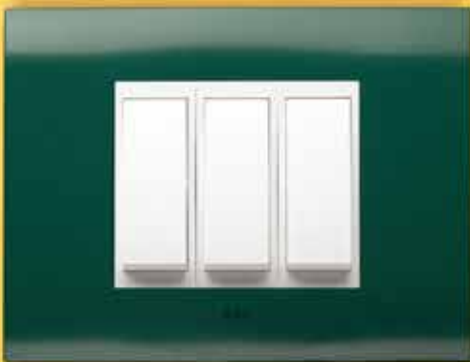
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACCR001NR	85381010	Ceiling rose	60	20

Surface Plastic Box



Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACSMB001NR	85381010	1 Module	94	10
ACSMB002NR	85381010	2 Module	94	
ACSMB003NR	85381010	3 Module	121	
ACSMB004NR	85381010	4 Module	132	
ACSMB006NR	85381010	6 Module	176	
ACSMB008NR	85381010	8 Module (Horizontal)	242	
ACSMB009NR	85381010	8 Module (Vertical)	242	
ACSMB012NR	85381010	12 Module	308	
ACSMB018NR	85381010	18 Module	348	5

A Piece of **Art** with Complete
Safety, Comfort & Aesthetics
for your **Walls**



- Available in 1 Module to 18 Module*
- Sleek Design & Compatible with Primo Range of Switches
- Highly Aesthetic Break Free Design
- Compatible to Market Boxes
- Designed with Front Mount & Removal Option

*The Antibacterial feature are available only in White & Grey Top Plates & Accessories.

Switches

Product Code - Pure White / Grey	HSN Code	Description	Type	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
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One-Way Switches

CS20113PNR / CS23113PNR	85361010	6A, 250V	General	1	102	20
CS20114PNR / CS23114PNR	85361010	6A, 250V	Luminous	1	159	
CS20115PNR / CS23115PNR	85361010	6A, 250V	Luminous	2	177	10
CS20573PNR / CS23573PNR	85361020	16A, 250V	General	1	191	20
CS20574PNR / CS23574PNR	85361020	16A, 250V	Luminous	1	218	
CS20575PNR / CS23575PNR	85361020	16A, 250V	Luminous	2	238	10
CS20117PNR / CS23117PNR	85361020	25A, 250V	General	1	259	20
CS20118PNR / CS23118PNR	85361020	25A, 250V	Luminous	1	287	
CS20119PNR / CS23119PNR	85361020	25A, 250V	General	2	290	10
CS20120PNR / CS23120PNR	85361020	25A, 250V	Luminous	2	312	

Two-Way Switches

CS20123PNR / CS23123PNR	85361010	6A, 250V	General	1	185	20
CS20124PNR / CS23124PNR	85361010	6A, 250V	General	2	195	10
CS20578PNR / CS23578PNR	85361020	16A, 250V	General	1	266	20
CS20579PNR / CS23579PNR	85361020	16A, 250V	General	2	294	10

Product Code - Pure White / Grey	HSN Code	Description	Type	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
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Bell Push Switches

CS20509PNR / CS23509PNR	85361010	6A, Bell Push	General	1	164	20
CS20508PNR / CS23508PNR	85361010	6A, Bell Push	Luminous	1	174	
CS20510PNR / CS23510PNR	85361010	6A, Bell Push	General	2	197	10
CS20511PNR / CS23511PNR	85361010	6A, Bell Push	Luminous	2	201	

Blanking Module

CS20056PNR / CS23056PNR	85381010	1M Blank	General	1	32	40
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Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
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Neon Indicator

CS20631PNR / CS23631PNR	85361010	Neon Indicator Red	1	123	20
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Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
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Fan Regulator / Dimmer

CS20826PNR / CS23826PNR	85361010	5-Step Fan Regulator 100W	2	645	10
CS20828PNR / CS23828PNR	85361010	5 Step Fan Regulator 120 W	2	517	10
CS20827PNR / CS23827PNR	85361010	4-Step Fan Regulator 100W	1	437	20
CS20801PNR / CS23801PNR	85361010	Rotary Type Dimmer 500W	2	560	10
CS20804PNR / CS23804PNR	85361010	Rotary Type Dimmer 300W	1	411	20



CS20114PNR



CS20123PNR



CS20511PNR



CS20631PNR



CS20801PNR



CS20370PNR



CS20636PNR



CS20228PNR



CS20251PNR



CS20275PNR



CS20816PNR



CS20611PNR CS20609PNR



CS20632PNR CS20633PNR

Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
Sockets with Safety Shutters					
CS20370PNR / CS23370PNR	85361010	6A, 3 Pin	2	132	10
CS20352PNR / CS23352PNR	85361020	6/16A, 6 Pin	3	291	6
CS20354PNR / CS23354PNR	85361020	6/16A, Socket Projected	2	283	10

Product Code	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Buzzer					
CS20636PNR / CS23636PNR	85044030	Buzzer	1	781	20

Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
TV Socket / Flex Outlet					
CS20228PNR / CS23228PNR	85361010	TV Socket	1	140	20
CS20237PNR / CS23237PNR	85361010	Flex Outlet	1	95	

Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
Telephone / Computer Socket					
CS20251PNR / CS23251PNR	85361010	RJ 11, Telephone Jack	1	156	20
CS20272PNR / CS23272PNR	85361010	RJ 45, Computer Jack CAT6	1	781	
CS20273PNR / CS23273PNR	85361010	RJ 45, Computer Jack CAT6a	1	1374	

Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
USB Charger Socket					
CS20275PNR / CS23275PNR	85044030	USB Charger Socket 2.1A (Fast Charging)	1	1210	20

Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Hospitality Range					
Energy Saving Switch					
CS20816PNR / CS23816PNR	85361020	25A, Energy Saving Switch With Key Tag & Indicator	2	712	1

APPLICATION: activation of functions and service inside hotel rooms (e.g. light, air-conditioner, minibar) when the room is occupied (with badge inserted).

Product Code	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
DND/MMR Switch Units					
CS20609PNR / CS23609PNR	85361010	Indicator	1	131	20
CS20610PNR / CS23610PNR	85361010	DND/MMR External Unit	1	323	10
CS20611PNR / CS23611PNR	85361010	DND/MMR Internal Unit	1+1	292	10

Product Code	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Skirt Light & Night Lamp					
CS20632PNR / CS23632PNR	94051090	Skirt Light	2	494	10
CS20633PNR / CS23633PNR	94051090	Night Lamp	2	498	10



CS26404PWNR

Primo Plus Power Unit with PVC

Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS26404PWNR	85371000	Power Unit Combo 16A MCB Protected Socket	4	925	1
CS26408PWNR	85371000	Power Unit Combo Heavy Duty with 25Amp MCB	4	990	

Primo Plus Power Unit with Metal Enclosure

Product Code	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS26401PNR	85371000	Power Unit Combo 16A MCB	4	1018	1
CS26407PWNR	85371000	Power Unit Combo Heavy Duty with 25Amp MCB	4	1050	



CS25803WHNR

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
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Swan White (Cover Plates with Support Plate)

CS25801WHNR	85381010	1 Module Plate	135	10
CS25802WHNR	85381010	2 Module Plate		
CS25803WHNR	85381010	3 Module Plate	168	
CS25804WHNR	85381010	4 Module Plate	181	
CS25806WHNR	85381010	6 Module Plate	264	
CS25808WHNR	85381010	8 Module Plate (Horizontal)	332	
CS25809WHNR	85381010	8 Module Plate (Vertical)	332	5
CS25812WHNR	85381010	12 Module Plate	423	
CS25816WHNR	85381010	16 Module Plate	479	
CS25818WHNR	85381010	18 Module Plate	532	



CS25803GRNR

Glossy Grey (Cover Plates with Support Plate)

CS25801GRNR	85381010	1 Module Plate	142	10
CS25802GRNR	85381010	2 Module Plate		
CS25803GRNR	85381010	3 Module Plate	179	
CS25804GRNR	85381010	4 Module Plate	193	
CS25806GRNR	85381010	6 Module Plate	276	
CS25808GRNR	85381010	8 Module Plate (Horizontal)	373	
CS25809GRNR	85381010	8 Module Plate (Vertical)	373	5
CS25812GRNR	85381010	12 Module Plate	445	
CS25816GRNR	85381010	16 Module Plate	522	
CS25818GRNR	85381010	18 Module Plate	583	

Cover Plates with Support Plate



Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
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Cadet Grey / Black Olive / Argent Grey / Charcol Black / Arsenic Black / Champagne / Candy Red / Corel Red / British Green Plates

CS25801NR	85381010	1 Module Plate	260	10
CS25802NR	85381010	2 Module Plate		
CS25803NR	85381010	3 Module Plate	298	
CS25804NR	85381010	4 Module Plate	339	
CS25806NR	85381010	6 Module Plate	501	
CS25808NR	85381010	8 Module - Horizontal	587	
CS25809NR	85381010	8 Module - Vertical	587	5
CS25812NR	85381010	12 Module Plate	723	
CS25816NR	85381010	16 Module Plate	724	
CS25818NR	85381010	18 Module Plate	941	

Please add codes CS for Cadet Grey, BO for Black Olive, AG for Argent Grey, CB for Charcol Black, AB for Arsenic Black, CH for Champagne, CAR for Candy Red, COR for Corel Red, BG for British Green Plates e.g. for ordering one module Cadet Grey plate code would be CS25801



CS25803BWNR



CS25803EWNR

English Walnut & Burly Wood Cover Plates with Support Plate

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CS25801NR	85381010	1 Module Plate	312	10
CS25802NR	85381010	2 Module Plate		
CS25803NR	85381010	3 Module Plate	342	
CS25804NR	85381010	4 Module Plate	395	
CS25806NR	85381010	6 Module Plate	615	
CS25808NR	85381010	8 Module Plate - Horizontal	777	
CS25809NR	85381010	8 Module Plate - Vertical	777	5
CS25812NR	85381010	12 Module Top Plate	920	
CS25816NR	85381010	16 Module Top Plate	1125	
CS25818NR	85381010	18 Module Plate	1196	

Please add codes EW for English Walnut and BW for Burly Wood e.g. for ordering one module English Walnut plate code would be CS25801EW

Fabricated Metal Boxes - Elusio, Divino, Primo Plus, Primo & Bridgg



CG24272NR

Product Code	HSN Code	Description	Dimension LxHxD (mm)	MRP (₹)	Std. Pkg. (Nos.)
CG24271NR	85381010	1 Module Box	75 X 75 X 50	106	10
CG24271NR	85381010	2 Module Box	75 X 75 X 50		
CG24272NR	85381010	3 Module Box	100 X 75 X 50	126	
CG24273NR	85381010	4 Module Box	135 X 76 X 50	151	
CG24274NR	85381010	6 Module Box	210 X 75 X 50	211	5
CG24275NR	85381010	8 Module Box (4 +4)	134 X 140 X 52	246	
CG24276NR	85381010	8 Module Box (Horizontal)	232 X 79 X 52		
CG24277NR	85381010	12 Module Box	210 X 140 X 50	298	
CG24279NR	85381010	16 Module Box	210 X 140 X 60	373	7
CG24278NR	85381010	18 Module Box	210 X 210 X 56	429	5

* 10M Top Plate shall be fitted in 8M (4+4) Vertical Metal Box (i.e. CG 24 275)

* 5M Top Plate Shall be fitted in 4M Metal Box (i.e. CG 24 273)

* Deep Drawn Metal Boxes are available on request.



CS20114NR



CS20123NR



CS20511NR



CS20801NR



CS20370NR



CS20228NR



CS20251NR

Switches

Product Code - Pure White	HSN Code	Description	Type	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
One-Way Switches						
CS20113NR	85361010	6A, 250V	General	1	91	20
CS20114NR	85361010	6A, 250V	Luminous	1	148	
CS20115NR	85361010	6A, 250V	Luminous	2	167	10
CS20573NR	85361020	16A, 250V	General	1	172	20
CS20574NR	85361020	16A, 250V	Luminous	1	214	
CS20575NR	85361020	16A, 250V	Luminous	2	228	10
CS20117NR	85361020	25A, 250V	General	1	248	20
CS20118NR	85361020	25A, 250V	Luminous	1	273	
CS20119NR	85361020	25A, 250V	General	2	280	10
CS20120NR	85361020	25A, 250V	Luminous	2	278	

Two-Way Switches

CS20123NR	85361010	6A, 250V	General	1	169	20
CS20124NR	85361010	6A, 250V	General	2	183	10
CS20578NR	85361020	16A, 250V	General	1	233	20
CS20579NR	85361020	16A, 250V	General	2	248	10

Product Code - Pure White	HSN Code	Description	Type	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
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Bell Push Switches

CS20509NR	85361010	6A, Bell Push	General	1	143	20
CS20508NR	85361010	6A, Bell Push	Luminous	1	177	
CS20510NR	85361010	6A, Bell Push	General	2	182	10
CS20511NR	85361010	6A, Bell Push	Luminous	2	193	

Blanking Module

CS20056NR	85381010	1M Blank	General	1	30	40
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Product Code - Pure White	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
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Neon Indicator

CS20631NR	85361010	Neon Indicator Red	1	105	20
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Product Code - Pure White	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
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Fan Regulator / Dimmer

CS20826NR	85361010	5-Step Fan Regulator 100W	2	471	10
CS20828NR	85361010	5 Step Fan Regulator 120 W	2	563	10
CS20827NR	85361010	4-Step Fan Regulator 100W	1	402	20
CS20801NR	85361010	Rotary Type Dimmer 500W	2	544	10
CS20804NR	85361010	Rotary Type Dimmer 300W	1	391	20

Sockets with Safety Shutters

CS20370NR	85361010	6A, 3 Pin	2	120	10
CS20352NR	85361020	6/16A, 6 Pin	3	285	6
CS20354NR	85361020	6/16A, Socket Projected	2	257	10

Product Code - Pure White	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
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TV Socket / Flex Outlet

CS20228NR	85361010	TV Socket	1	121	20
CS20237NR	85361010	Flex Outlet	1	97	

Product Code - Pure White	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
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Telephone / Computer Socket

CS20251NR	85361010	RJ 11, Telephone Jack	1	132	20
CS20272NR	85361010	RJ 45, Computer Jack CAT6	1	665	
CS20273NR	85361010	RJ 45, Computer Jack CAT6a	1	1306	



CS20636NR



CS20275NR



CS20815NR



CS20611NR

CS20609NR



CS20632NR

CS20633NR

Buzzer

Product Code	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS20636NR	85044030	Buzzer	1	742	20

USB Charger Socket

Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS20275NR	85044030	USB Charger Socket 2.1A (Fast Charging)	1	1080	20

Hospitality Range

Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
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Energy Saving Switch

CS20815NR	85361020	25A, Energy Saving Switch With Key Tag & Indicator	2	657	1
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APPLICATION: activation of functions and service inside hotel rooms (e.g. light, air-conditioner, minibar) when the room is occupied (with badge inserted).

DND/MMR Switch Units

CS20610NR	85361010	DND/MMR External Unit	1+1	304	10
CS20611NR	85361010	DND/MMR Internal Unit	1+1	278	10
CS20609NR	85361010	Indicator	1	120	20

Skirt Light & Night Lamp

CS20632NR	94051090	Skirt Light	2	498	10
CS20633NR	94051090	Night Lamp	2	478	10

Modular Miniature Case Circuit Breaker - WiNtrip 'S'

Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
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Single & Double Pole

CS20431NR	85361010	6A Single Pole 4.5kA - Tripping Curve 'C'	1	272	12
CS20432NR	85361010	10A Single Pole 4.5kA - Tripping Curve 'C'			
CS20433NR	85361020	16A Single Pole 4.5kA - Tripping Curve 'C'			
CS20437NR	85361020	20A Single Pole 4.5kA - Tripping Curve 'C'			
CS20435NR	85361020	25A Single Pole 4.5kA - Tripping Curve 'C'			
CS20436NR	85361020	32A Single Pole 4.5kA - Tripping Curve 'C'			
CS20438NR	85361010	6A Double Pole 4.5kA - Tripping Curve 'C'	2	637	6
CS20439NR	85361010	10A Double Pole 4.5kA - Tripping Curve 'C'			
CS20440NR	85361020	16A Double Pole 4.5kA - Tripping Curve 'C'			
CS20441NR	85361020	20A Double Pole 4.5kA - Tripping Curve 'C'			
CS20442NR	85361020	25A Double Pole 4.5kA - Tripping Curve 'C'			
CS20443NR	85361020	32A Double Pole 4.5kA - Tripping Curve 'C'			



CS20431NR

CS20443NR



CS26401WNR

Power Unit with Metal Box

Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS26401WNR	85371000	Power Unit Combo 16A MCB Protected Socket	4	959	1



CS20364NR

Single Phase Motor Starter

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CS20364NR	85361020	Motor Starter 16A	890	10
CS20366NR	85361020	Motor Starter 25A		

Top Plates with Support Plate

Product Code - Pure White	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)	
CS25701WHNR	85381010	1 Module Plate	100	10	
CS25702WHNR	85381010	2 Module Plate			
CS25703WHNR	85381010	3 Module Plate	158		
CS25704WHNR	85381010	4 Module Plate	163		
CS25705WHNR	85381010	5 Module Plate (Compatible with 4M Metal Box)	173		
CS25706WHNR	85381010	6 Module Plate	218		
CS25707WHNR	85381010	8 Module-Horizontal	297		
CS25709WHNR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)			
CS25710WHNR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)	297		5
CS25711WHNR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)	297		10
CS25712WHNR	85381010	12 Module Plate	372	5	
CS25716WHNR	85381010	16 Module Plate (Compatible With 12M Metal Box)	478		
CS25718WHNR	85381010	18 Module Plate	490		



Red / Yellow/ Green/ Blue / Grey Plates

CS25701NR	85381010	1 Module Plate	125	10	
CS25702NR	85381010	2 Module Plate			
CS25703NR	85381010	3 Module Plate	181		
CS25704NR	85381010	4 Module Plate	188		
CS25705NR	85381010	5 Module Plate (Compatible With 4M Metal Box)			
CS25706NR	85381010	6 Module Plate	232		
CS25707NR	85381010	8 Module Horizontal	315		
CS25709NR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)			
CS25710NR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)	315		5
CS25711NR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)	315		10
CS25712NR	85381010	12 Module Plate	435	5	
CS25716NR	85381010	16 Module Plate (Compatible With 12M Metal Box)	531		
CS25718NR	85381010	18 Module Plate	609		



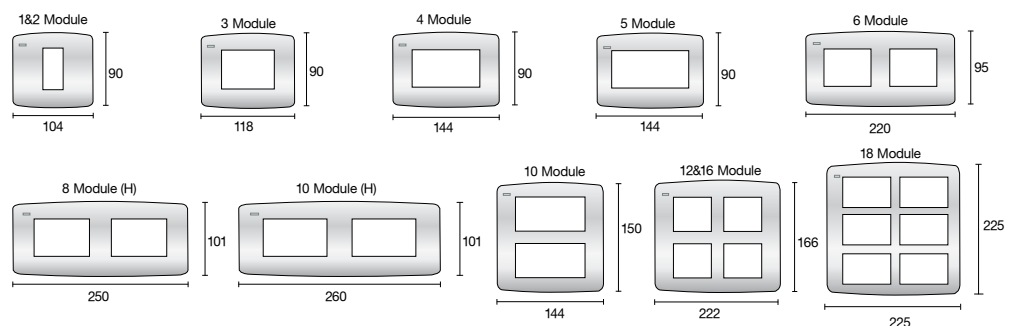
Please add following to codes for color selection GR for Grey / RD for RED / YL for Yellow / BL for Blue/ GN for Green e.g. for ordering one module red plate code would be CS25701RD

Wooden

CS25701WNNR	85381010	1 Module Plate	237	10	
CS25702WNNR	85381010	2 Module Plate			
CS25703WNNR	85381010	3 Module Plate	301		
CS25704WNNR	85381010	4 Module Plate	326		
CS25705WNNR	85381010	5 Module Plate (Compatible With 4M Metal Box)			
CS25706WNNR	85381010	6 Module Plate	416		
CS25707WNNR	85381010	8 Module Horizontal	597		
CS25709WNNR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)			
CS25710WNNR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)	597		5
CS25711WNNR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)	597		10
CS25712WNNR	85381010	12 Module Plate	734	5	
CS25716WNNR	85381010	16 Module Plate (Compatible With 12M Metal Box)	777		
CS25718WNNR	85381010	18Module Plate	923		



Cover Plate Sizes (All dimensions in mm)





WiNtrip 'S'

Single Lock Modular MCB

The perfect solution for AC's, Refrigerators & Electrical Appliances

Safe | Convenient | Energy Saving | Wide Range
Compact Design | Overload & Short Circuit Protection
Rapid Closing Mechanism | Easy to Operate



CS20431RNR



CS20443RNR

Product Code	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
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Single Pole - Tripping Curve 'C'

CG20431RNR	85361010	6A Single Pole 4.5kA-Tripping Curve 'C'	1	272	12
CG20432RNR	85361010	10A Single Pole 4.5kA-Tripping Curve 'C'			
CG20433RNR	85361020	16A Single Pole 4.5kA-Tripping Curve 'C'			
CG20437RNR	85361020	20A Single Pole 4.5kA-Tripping Curve 'C'			
CG20435RNR	85361020	25A Single Pole 4.5kA-Tripping Curve 'C'			
CG20436RNR	85361020	32A Single Pole 4.5kA-Tripping Curve 'C'			

Double Pole - Tripping Curve 'C'

CG20438RNR	85361010	6A Double Pole 4.5kA-Tripping Curve 'C'	2	637	6
CG20439RNR	85361010	10A Double Pole 4.5kA-Tripping Curve 'C'			
CG20440RNR	85361020	16A Double Pole 4.5kA-Tripping Curve 'C'			
CG20441RNR	85361020	20A Double Pole 4.5kA-Tripping Curve 'C'			
CG20442RNR	85361020	25A Double Pole 4.5kA-Tripping Curve 'C'			
CG20443RNR	85361020	32A Double Pole 4.5kA-Tripping Curve 'C'			

Non-Modular Miniature Case Circuit Breaker - WiNtrip 'S'

Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
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Single & Double Pole

CS20431NNR	85361010	6A Single Pole 4.5kA-Tripping Curve 'C'	1	272	12
CS20432NNR	85361010	10A Single Pole 4.5kA-Tripping Curve 'C'			
CS20433NNR	85361020	16A Single Pole 4.5kA-Tripping Curve 'C'			
CS20437NNR	85361020	20A Single Pole 4.5kA-Tripping Curve 'C'			
CS20435NNR	85361020	25A Single Pole 4.5kA-Tripping Curve 'C'			
CS20436NNR	85361020	32A Single Pole 4.5kA-Tripping Curve 'C'			
CS20438NNR	85361010	6A Double Pole 4.5kA-Tripping Curve 'C'	2	637	6
CS20439NNR	85361010	10A Double Pole 4.5kA-Tripping Curve 'C'			
CS20440NNR	85361020	16A Double Pole 4.5kA-Tripping Curve 'C'			
CS20441NNR	85361020	20A Double Pole 4.5kA-Tripping Curve 'C'			
CS20442NNR	85361020	25A Double Pole 4.5kA-Tripping Curve 'C'			
CS20443NNR	85361020	32A Double Pole 4.5kA-Tripping Curve 'C'			



CS20436NR



CS20438NR

Wiring Accessories

General Terms & Conditions

Price are subject to revision without prior notice and will be applicable as prevailing at the time of dispatch.

- This Pricelist supercedes all previous Price Lists.
- Maximum Retail Price (MRP) mentioned are maximum recommended selling prices inclusive of GST.
- All Prices are in Indian Rupees.

Warranty

All our listed Electro-mechanical wiring devices carry a warranty, against manufacturing defects for a period of 10 years from the date of invoicing & 2 years for all mains related electronic wiring products viz. Dimmers, Step Fan regulator and Indicators subject to it's usages in normal recommended operating conditions. Guarantee does not include Metal Box, Plug Tops and other stand alone products. The guarantee defines the company's entire liability & does not cover consequences loss or damage or re-installations cost arising from defective product. The company liability shall be limited to exchange or repair of the product, at our discretion, provided that such defective products are returned to nearest Branch office.





TYPE 2 CO-ORDINATION CHART



MCCB



SDF / Fuse



MPCB

Short Circuit Protection Device (SCPD)



Contactor
Frequent Switching



OLR
Overload & Single Phasing Protection



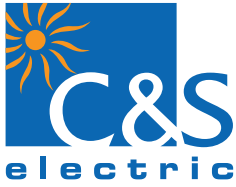
Motor

CX Partner Program



An-IEC 61439 Design Verified Panel

- Compliance to IEC 61439
- Fixed Construction
- Rated Voltage: 415V AC
- Internal Arc Protected Design (IEC 61641)
- From 3B Type-2-4B Type-7 Construction
- Seismic Zone: 4



Modernization Solution

LV Switchgear

Comprehensive Service Support

With over five decades of experience, C&S Electric is a trusted after-sales service expert for Low Voltage Distribution Applications in Power Generation Plant, Oil Sector, Industries and Residential & Commercial Complexes. We offer the following services to support you in maintaining your Low Voltage Distribution System:

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1800 572 2012

WhatsApp No.: 95994 45253

Email: customercare@cselectric.co.in

Regular Maintenance Support

We ensure that your systems receive routine upkeep to keep them running smoothly.

Preventive Maintenance Program

Our proactive approach helps identify and address potential issues before they become major problems.

On Call Assistance Program

Whenever you need assistance, we are just a call away to provide prompt support.

Annual Maintenance Contract

Benefit from a comprehensive maintenance agreement for added convenience and peace of mind.

Product Support for Managing Obsolescence, Retrofitting & Upgradation

We help you manage outdated equipment by offering support for retrofitting and upgrading your switchgear products.

Availability of Spares

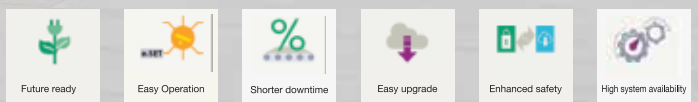
Whenever you need any spare for switchboard or switchgear, we are always available.

Trust on **C&S Electric** as your reliable partner in maintaining the performance and longevity of your Low Voltage Distribution systems.

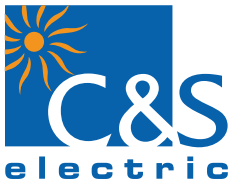


Our service philosophy:

Customer's system should be up & running, investigations can follow



We touch your electricity everyday!



TRAINING

AUTOMATION

SKILL

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ARYABHATTA Training Center

Embark on a transformative journey with C&S Switchgear Training Program

Maximize productivity, conserve energy, minimize operational costs, and enhance safety with our comprehensive C&S Electrical & Automation training programs.

With a proven track record of benefiting over more than 2000+ professionals in the last 5 years, our training programs provide the right exposure and impart knowledge on the selection, installation, maintenance, and testing of electrical & automation products.



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- 12 Courses on contemporary topics designed to keep you at the forefront of the industry.
- Courses applicable to all switchgear brands, ensuring you can apply your knowledge universally.
- Conveniently located Training Center in Noida (UP), providing easy access to quality education.
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Our training programs cover a wide range of topics to meet your specific needs, including:

- Low Voltage Switchgear, Switchboard & Medium Voltage Switchgear protection relays, enabling you to master the complexities of electrical distribution systems.
- Switchboard Electrical Design, equipping you with the knowledge to create efficient and safe electrical installations.
- Protective Relays & Earthing, ensuring the safety and reliability of electrical systems.
- Power Quality Solutions, addressing challenges related to voltage fluctuations, harmonics, and more.



We touch your electricity everyday!



CENTRAL CUSTOMER CARE

C&S Electric is committed to create a unique alchemy of outstanding products, operational excellence, path breaking customer services & compelling marketing. Further to enhance the post sales customer service experience, C&S introduces a service monitoring software "Salesforce". The software provides a transparent service tracking system and helps in efficient monitoring and quick resolution of queries.



Key Features & Benefits

- Transparent process
- Efficient monitoring & tracking of each Service Request
- Quick resolution time
- All relevant customer data in one single location
- Improved customer relationships
- Strengthen C&S brand image & reputation in the market

FOR QUICK ENQUIRY

Toll Free Number: 1800 572 2012



95994 45253
(9:00 AM to 6:00 PM)

Email: customercare@cselectric.co.in

Escalation Matrix

***C&S Branch Service Engineer “ ≥ 24 Hours”**
(Refer contact details on page no. 5 to 11)

***Central Customer Services (CCS) “ ≥ 48 Hours”**
(Connect via Toll free no., Email ID, & Whatsapp no.)

Dy. Manager - Mr. Praveen Chauhan “ ≥ 72 Hours”
Email: praveen.chauhan@cselectric.co.in

Head Services - Mr. Bikram Rana “ ≥ 96 Hours”
Email: bikram.rana@cselectric.co.in

Sr.VP - Mr. P. Anandan “ ≥ 120 Hours”
Email: anandan.p@cselectric.co.in



*Refer complete service directory for contact details of service team



Marketing offices spread all over India

REGISTERED OFFICE

210, 211 & 212, Second Floor, 'Salcon Aurum' Building
Plot No. 4, Jasola District Centre, New Delhi - 110 025 (INDIA)
Tel.: +91 11 6922 5600 | Email: info@cselectric.co.in

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C-60, Wing-A, Phase-II, Noida, District Gautam Budh Nagar, Uttar Pradesh - 201 305 (INDIA)
Tel.: +91 120 387 4800 / 01 | Email: cmo@cselectric.co.in

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Toll Free Number: 1800 572 2012 | Email: customercare@cselectric.co.in

NORTHERN REGION

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LUDHIANA
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LUCKNOW
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KANPUR
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JAIPUR
Email: jaipur@cselectric.co.in

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PUNE
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SOUTHERN REGION
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KOCHI
Email: cochin@cselectric.co.in

MADURAI
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BENGALURU
Email: bangalore@cselectric.co.in

HYDERABAD
Email: hyderabad@cselectric.co.in

VIJAYAWADA
Email: vijayawada@cselectric.co.in

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National Warehouse

NOIDA C-13, Ground Floor, Sector-80, Phase-II, Noida,
District Gautam Budh Nagar, Uttar Pradesh - 201305 INDIA

JHAJJAR P-12, Sector-3, Model Economic Township, Street No. 1, Badli, Dadri Toe
Jhajjar, Haryana - 124103 INDIA

