

C&S electric

PRICE LIST

w.e.f 1st August, 2024

LV Components & Solutions

We touch your electricity everyday!

C&S electric



Introducing

CX Partner Program

An IEC 61439
Design Verified Panel

www.cselectric.co.in

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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.

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

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Power Distribution Components



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

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C&S electric

Efficient Partner in Power Distribution & Protection



CE RoHS Compliant

WiNmaster 3

Air Circuit Breaker

- Rated Operational Voltage upto 800V
- Breaking Capacity upto 100kA
- **Optimized Size** - Uniform Height & Depth across the Frame
- **Quick** - Fastest Opening & Closing Time
- **Truly Modular** - Front Accessible Accessories & SIC
- **Universal Termination** - Terminal orientation convertible as Horizontal / Vertical on site
- No Derating upto 50°C
- Intelligent Micropro3 Release Family
- Multiple Parameter Measurement
- **Condition Monitoring** - Contact Wear Indication, 20 Trip History

We touch your electricity everyday!

Micropro3 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



Micropro3-3.1 Micropro3-4.1 Micropro3-5.1 Micropro3-7.1

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.

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)

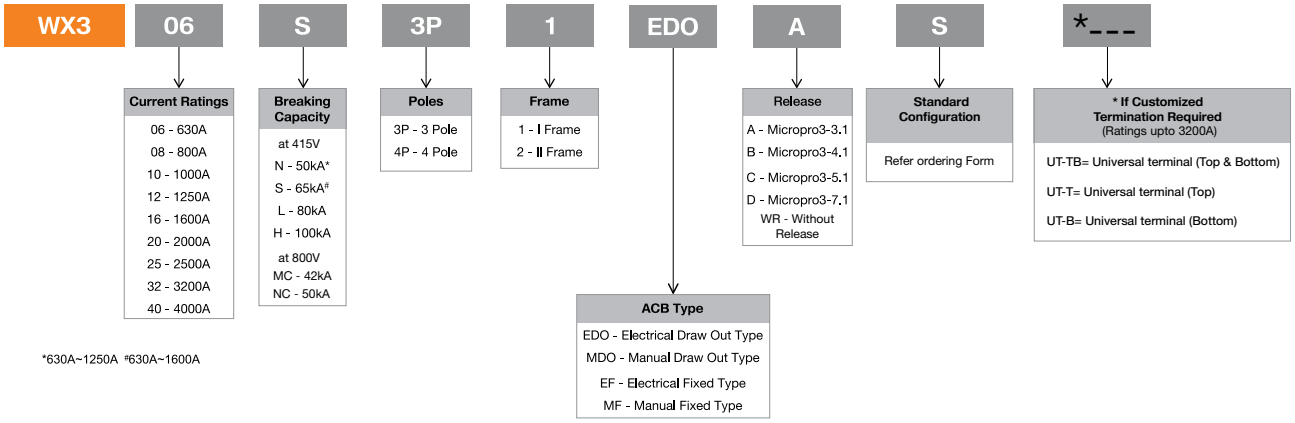
4 Pole MF Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics		
Rating (Amps)	**MC (42kA @ 800V AC)**	**NC (50kA @ 800V AC)**
630A	WX306MC4P1MFA(S)	-
800A	WX308MC4P1MFA(S)	WX308NC4P2MFA(S)
1000A	WX310MC4P1MFA(S)	WX310NC4P2MFA(S)
1250A	WX312MC4P1MFA(S)	WX312NC4P2MFA(S)
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	10120

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

☐ 630A ☐ 800A ☐ 1000A ☐ 1250A ☐ 1600A ☐ 2000A ☐ 2500A

Product Code

Breaking Capacity

630A ~1250A	630A ~1600A	630A ~2500A
☐ 50kA 415V / 36kA 690V	☐ 65kA 415V / 42kA 690V	☐ 80kA 415V / 50kA 690V ☐ 42kA 800V

Frame2 ACB

☐ 800A ☐ 1000A ☐ 1250A ☐ 1600A ☐ 2000A ☐ 2500A ☐ 3200A ☐ 4000A

Qty.

Breaking Capacity

☐ 100kA, 415V AC / 65kA 690V ☐ 50kA, 800V AC

Variant

☐ 3 Pole ☐ 4 Pole ☐ Manual ☐ Electrical ☐ Fixed ☐ Drawout

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

UVT

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

Release

☐ MicroPro3-3.1 ☐ MicroPro3-4.1 ☐ MicroPro3-5.1 ☐ MicroPro3-7.1*
☐ Without Release

#(Control Voltage)

☐ 220V AC ☐ 110~220V DC ☐ 415V AC ☐ 24V DC

☐ Door Interlock
☐ Key Interlock
☐ 1 ACB ☐ 2 ACB ☐ 3 ACB

☐ Mechanical Interlock Cable Type
☐ Electrical Position Indication
☐ IP 54 Protection (For Drawout ACB Only)
☐ Spring charge Ind.(Elec. Only)

☐ Mechanical Counter
☐ Neutral CT

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

C&S electric

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.



Range
630A~2500A

Single frame for complete range

Poles
3P & 4P

Versions
Fixed & Drawout (Mechanical & Electrical)

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

CE RoHS Compliant

Intelligent releases

- Micropro2 3.1
- Micropro2 4.1
- Micropro2 7.1

Measurement | Trip History | ZSI | Fault LED retention | Short Circuit Protection | Communication



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)

- Microprocessor Release
- Auxiliary Switch 6NO+6NC
- Main CTs
- Terminal Type - Horizontal

Electrical Fixed (EF)

- Microprocessor Release
- Auxiliary Switch 6NO+6NC
- Main CTs
- AC/DC Charging Motor
- Closing Coil
- Shunt Trip
- Terminal Type - Horizontal

Manual Drawout (MDO)

- Microprocessor Release
- Auxiliary Switch 6NO+6NC
- Main CTs
- Safety Shutter
- 60 Way auxiliary isolating contacts
- Terminal Type - Horizontal

Electrical Drawout (EDO)

- 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)	185990	248890
800	50kA	WX08N3P*A(S)	185990	248890
1000	50kA	WX10N3P*A(S)	195800	261290
1250	50kA	WX12N3P*A(S)	227220	293620
1600	50kA	WX16N3P*A(S)	254650	318860
2000	50kA	WX20N3P*A(S)	299080	362690
2500	50kA	WX25N3P*A(S)	334980	411750

Drawout 3 Pole [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MDO	*EDO
630	50kA	WX06N3P*A(S)	258750	314620
800	50kA	WX08N3P*A(S)	258750	314620
1000	50kA	WX10N3P*A(S)	269340	327220
1250	50kA	WX12N3P*A(S)	291470	356900
1600	50kA	WX16N3P*A(S)	334380	396710
2000	50kA	WX20N3P*A(S)	408700	474110
2500	50kA	WX25N3P*A(S)	500540	570690

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)	234220	296040
800	50kA	WX08N4P*A(S)	234220	296040
1000	50kA	WX10N4P*A(S)	244590	306960
1250	50kA	WX12N4P*A(S)	286630	350830
1600	50kA	WX16N4P*A(S)	326040	389630
2000	50kA	WX20N4P*A(S)	390890	458840
2500	50kA	WX25N4P*A(S)	414330	481790

Drawout 4 Pole [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MDO	*EDO
630	50kA	WX06N4P*A(S)	307030	371130
800	50kA	WX08N4P*A(S)	307030	374670
1000	50kA	WX10N4P*A(S)	324610	389450
1250	50kA	WX12N4P*A(S)	345980	428350
1600	50kA	WX16N4P*A(S)	400440	465280
2000	50kA	WX20N4P*A(S)	492530	556730
2500	50kA	WX25N4P*A(S)	585270	647650

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	9870

	Existing Code	New Code
With NCT ordering Code will be	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 6900	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 51790	C
Without Release	For ordering ACB without release (Reduce from MRP of ACB with Micropro2 - 3.1 release)	Reduce 6280	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-**	9640
1.2	WM2/ WM3	With Delay Common for 630A~4000A	CS-WM2-AUH-D-ABC-**	10540
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-**	4820
2.2	WM2/ WM3	Closing Coil Common for 630A~4000A	CS-WM2-AVH-CC-ABC-**	4820

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	42730
3.2	WM2 / WM3	Universal Charging Motor-Common for 630A-2500A (for 415VAC)	CS-WM2-AMH-AU-A1-N	
3.3	WM2 / WM3	Universal Charging Motor-Common for 630A-2500A (for 110VAC/DC)	CS-WM2-AMH-AS-A1-F	
3.4	WM3	Universal Charging Motor for Frame2, Common for 800A-4000A (for 220VAC/DC)	CS-WM3-AMH-AV-A2-M	POR
3.5	WM3	Universal Charging Motor for Frame2, Common for 800A-4000A (for 415VAC)	CS-WM3-AMH-AU-A2-N	
3.6	WM3	Universal Charging Motorfor Frame2, Common for 800A-4000A (for 11 0VAC/DC)	CS-WM3-AMH-AS-A2-F	
3.7	WM2 / WM3	LIFTER	LIFTER (580x600)*	179160
			LIFTER-SPL (690x570)*	196980
3.8	WM2 / WM3	Mismatch Prevention Device	CS-WM2-MIP-AB	1920
3.9	WM2	Panel Door Interlock (Drawout)	CS-WM2-PDL-AB	2750
3.10	WM2 / WM3	Mechanical interlock for interlocking 2 ACBs (Drawout)	CS-WM2-MIL-HD	45380
3.11	WM2 / WM3	Mechanical interlock for interlocking 2 ACBs (Fixed)	CS-WM2-MIL-HF	38770
3.12	WM2 / WM3	Key Lock (1 Lock + 1 Key)	CS-WM2-AKI-AB	7750
3.13	WM2 / WM3	Key Lock (3 Lock + 2 Key)	CS-WM2-AKI-1-AB	8100
3.14	WM2 / WM3	Key Lock (2 Lock + 1 Key)	CS-WM2-AKI-2-AB	6190
3.15	WM2 / WM3	Mechnical operation counter	CS-WM2-ASC-ABC	3550
3.16	WM2 / WM3	Ready to close contact	CS-WM2-RTC-ABC	1920
3.17	WM2 / WM3	Phase Barrier - 3 Pole (Drawout)	CS-WM2-PB-3P	POR
3.18	WM2 / WM3	Phase Barrier - 4 Pole (Drawout)	CS-WM2-PB-4P	
3.19	WM2 / WM3	Mechanical Interlock for 1 to 3 ACBs-Drawout (Cable Interlock)	CS-WM2-MIL3-HD	54290
3.20	WM2 / WM3	Mechanical Interlock for 1 to 3 ACBs - Fixed (Cable Interlock)	CS-WM2-MIL3-HF	58760
3.21	WM2 / WM3	Panel Door Interlock (Fixed)	CS-WM2-PDLF-AB	POR
3.22	WM2 / WM3	Phase Barrier- 3Pole (Fixed)	CS-WM2-PBF-3P	
3.23	WM2 / WM3	Phase Barrier- 4Pole (Fixed)	CS-WM2-PBF-4P	
3.24	WM2 / WM3	Position Indication Switch	CS-WM2-ALB-AB	
3.25	WM2 / WM3	Auxiliary Switch (6NO+6NC)	CS-WM2-AXH-6A6B	
3.26	WM2 / WM3	IP54 cover for Drawout ACB- Frame-1	CS-WM3-CVRIP54-FR1	
3.27	WM3	IP54 cover for Drawout ACB- Frame-2	CS-WM3-CVRIP54-FR2	
3.28	WM3	Panel Door Lock (Drawout)	CS-WM3-DOOR-INT-DRAB	

* 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.

WiNmaster2 ACB Order Form

Please fill seperate 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 & PHONE NO.

RATING OF ACB REQUIRED	☐ 630 A ☐ 1000 A ☐ 1600 A ☐ 2500 A ☐ 800 A ☐ 1250 A ☐ 2000 A	QTY. (NOS.)	Product Reference
NO. OF POLES	☐ 3 POLE ☐ 4 POLE	Breaking capacity	

MOUNTING

☐ FIXED ☐ DRAWOUT — ☐ 60 WAY AUX. ISOLATING CONTACT ASSLY.

OPERATION

☐ MANUAL ☐ ELECTRICAL

- UVT: ☐ 110V AC ☐ 220~250V AC ☐ 380~440V AC ☐ 110V DC ☐ 220V DC
- 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
- MOTOR: ☐ 110V AC/DC ☐ 220V AC/DC ☐ 415V AC ☐ 415V AC

RELEASES

MICROPROCESSOR RELEASE

☐ MicroPro2 3.1
☐ MicroPro2 4.1
☐ MicroPro2 7.1
☐ Without Release

Control Voltage: 220V AC

UNLESS & OTHERWISE SPECIFIED, ALL SETTINGS OF RELEASES WOULD BE SET AT MINIMUM VALUES.

MAIN CT RATING _____ A,

SETTINGS : OVERLOAD _____ A, SHORT CIRCUIT _____ A,
GROUND FAULT _____ A INSTANTANEOUS _____ A,
NEUTRAL _____ A,

ACCESSORIES

☐ Panel Door Interlock
☐ Key Interlock
- ☐ 1 ACB
- ☐ 2 ACB
- ☐ 3 ACB

☐ Mechanical Interlock Cable Type
☐ Electrical Position Indication
☐ IP 54 Protection (For Drawout ACB Only)
☐ Spring charge Ind.(Elec. Only)

☐ Mechanical Counter
☐ Neutral CT

SPECIAL REQUIREMENT/ ACCESSORIES (IF ANY)	

Notes : (1) Please refer catalogue / Price-List, for further details of Micropro Release.

(2) Neutral CT is required alongwith Microprocessor Release having Ground -Fault Protection. This has to be mounted on Earth / Neutral Busbar of Panel.

GO TO CONTENTS PAGE

C&S electric

Air Circuit Breaker
AH / AHA



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-V4*

- Power & Current Measurement
- Individual Fault Annunciation
- ZSI
- Advance Protection
- SCADA compatibility - RS485 Port
- Data Uploading to PC / Laptop through USB port
- Motor Protection
- Temperature Monitoring

Intelligent Protection Releases



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)	149560	204810
800	50kA	AHA08N3P*MP3.1(S)	149560	204810
1000	50kA	AHA10N3P*MP3.1(S)	154740	212040
1250	50kA	AHA12N3P*MP3.1(S)	185490	249970
1600	50kA	AHA16N3P*MP3.1(S)	196140	252040
2000	50kA	AHA20N3P*MP3.1(S)	241530	328110
2500	50kA	AHA25N3P*MP3.1(S)	290930	353580
3200	65kA	AH30DCSMP3.1*(S)	435540	510970
4000	85kA	AH40DCSMP3.1*(S)	701700	764330

Fixed 4 Pole [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MF	*EF
630	50kA	AHA06N4P*MP3.1(S)	186610	240690
800	50kA	AHA08N4P*MP3.1(S)	186610	240690
1000	50kA	AHA10N4P*MP3.1(S)	191160	248090
1250	50kA	AHA12N4P*MP3.1(S)	233000	293220
1600	50kA	AHA16N4P*MP3.1(S)	266460	318320
2000	50kA	AHA20N4P*MP3.1(S)	319260	403140
2500	50kA	AHA25N4P*MP3.1(S)	363480	438020
3200	65kA	AH30D4CSMP3.1*(S)	577870	646200
4000	85kA	AH40D4CSMP3.1*(S)	836920	956470

Drawout 3 Pole [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N3P*MP3.1(S)	226600	278180
800	50kA	AHA08N3P*MP3.1(S)	226600	278180
1000	50kA	AHA10N3P*MP3.1(S)	237260	288840
1250	50kA	AHA12N3P*MP3.1(S)	274140	318300
1600	50kA	AHA16N3P*MP3.1(S)	291330	358180
2000	50kA	AHA20N3P*MP3.1(S)	370090	425340
2500	50kA	AHA25N3P*MP3.1(S)	447070	502440
3200	65kA	AHA30S3P*MP3.1(S)	571590	627270
4000	65kA	AHA40S3P*MP3.1(S)	712450	751670
4000	85kA	AH40DCSMP3.1*(S)	741560	775720
5000	85kA	AH50CCSMP3.1*(S)	POR	POR
6300	100kA	AH60CCSMP3.1*(S)		

Drawout 4 Pole [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N4P*MP3.1(S)	293130	350320
800	50kA	AHA08N4P*MP3.1(S)	293130	350320
1000	50kA	AHA10N4P*MP3.1(S)	299670	362720
1250	50kA	AHA12N4P*MP3.1(S)	353530	387270
1600	50kA	AHA16N4P*MP3.1(S)	378390	428970
2000	50kA	AHA20N4P*MP3.1(S)	480750	522290
2500	50kA	AHA25N4P*MP3.1(S)	564970	610410
3200	65kA	AHA30S4P*MP3.1(S)	665730	747670
4000	65kA	AHA40S4P*MP3.1(S)	949590	960950
4000	85kA	AH40D4CSMP3.1*(S)	962650	975220
5000	85kA	AH50C4CSMP3.1*(S)	POR	POR
6300	100kA	AH60C4CSMP3.1*(S)		

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)	120240	167520
800	50kA	AHA08N3P*TM(S)	128830	185990
1000	50kA	AHA10N3P*TM(S)	131450	187090
1250	50kA	AHA12N3P*TM(S)	175060	227710
1600	50kA	AHA16N3P*TM(S)	181580	244410
2000	50kA	AHA20N3P*TM(S)	208560	290730
2500	50kA	AHA25N3P*TM(S)	233800	336220
3200	65kA	AH30DCSTM*(S)	391120	470030
4000	85kA	AH40DCSTM*(S)	605700	683590

Fixed 4 Pole [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MF	*EF
630	50kA	AHA06N4P*TM(S)	160980	207310
800	50kA	AHA08N4P*TM(S)	170820	217440
1000	50kA	AHA10N4P*TM(S)	173810	226930
1250	50kA	AHA12N4P*TM(S)	217290	274160
1600	50kA	AHA16N4P*TM(S)	235330	300020
2000	50kA	AHA20N4P*TM(S)	285220	347960
2500	50kA	AHA25N4P*TM(S)	337040	399070
3200	65kA	AH30D4CSTM*(S)	489150	560970
4000	85kA	AH40D4CSTM*(S)	717410	831990

Drawout 3 Pole [HSN Code: 8536]

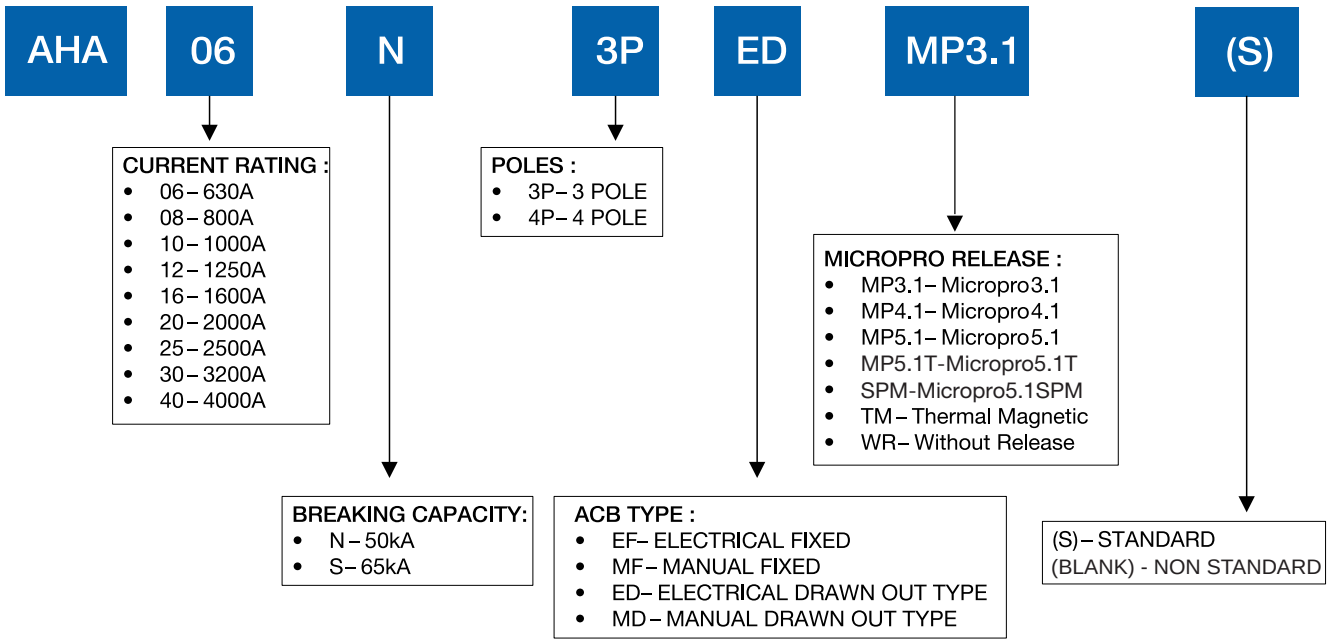
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N3P*TM(S)	191950	247880
800	50kA	AHA08N3P*TM(S)	194040	255340
1000	50kA	AHA10N3P*TM(S)	199340	258570
1250	50kA	AHA12N3P*TM(S)	240450	291820
1600	50kA	AHA16N3P*TM(S)	277750	327410
2000	50kA	AHA20N3P*TM(S)	328650	377320
2500	50kA	AHA25N3P*TM(S)	396500	448380
3200	65kA	AHA30S3P*TM(S)	499580	552110
4000	65kA	AHA40S3P*TM(S)	661670	713220
4000	85kA	AH40DCSTM*(S)	695270	756830

Drawout 4 Pole [HSN Code: 8536]

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N4P*TM(S)	240980	306170
800	50kA	AHA08N4P*TM(S)	246230	317850
1000	50kA	AHA10N4P*TM(S)	254340	321800
1250	50kA	AHA12N4P*TM(S)	308480	359300
1600	50kA	AHA16N4P*TM(S)	338880	390440
2000	50kA	AHA20N4P*TM(S)	428500	454670
2500	50kA	AHA25N4P*TM(S)	508380	549740
3200	65kA	AHA30S4P*TM(S)	623370	676950
4000	65kA	AHA40S4P*TM(S)	840660	864150
4000	85kA	AH40D4CSTM*(S)	848310	903830

NOTES: All configurable products are non stockable.

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	18340
MicroPro5.1 (LSING, Display, Current Measurement, Trip History, ZSI, Communication) add to the price of ACB with MP3.1	ADD	27570
MicroPro5.1SPM (LSING, Display, Current Measurement, Trip History, ZSI, Communication, Power, Motor Protection) add to the price of ACB with MP3.1	ADD	39900
MicroPro5.1T (LSING, Display, Current Measurement, Trip History, ZSI, Temperature Sensing) add to the price of ACB with MP3.1	ADD	51260

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	6240
2000A	Reduce	7800
2500A-3200A	Reduce	10100
4000A	Reduce	12140

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 ony 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)	111970
800	50kA	AH08BCSTM*(S)	112540
1000	50kA	AH10BCSTM*(S)	113550
1250	50kA	AH12BCSTM*(S)	128410
1600	50kA	AH16BCSTM*(S)	154430
2000	50kA	AH20BCSTM*(S)	169890

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)	118910
800	50kA	AH08BCSMP3.1*(S)	123810
1000	50kA	AH10BCSMP3.1*(S)	132040
1250	50kA	AH12BCSMP3.1*(S)	169270
1600	50kA	AH16BCSMP3.1*(S)	193210
2000	50kA	AH20BCSMP3.1*(S)	210680



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	8190

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	10840	CS-EFR-06D4P	7860
2.2	08D/08N	CS-EFR-08D3P		CS-EFR-08D4P	
2.3	10D/10N	CS-EFR-10D3P		CS-EFR-10D4P	
2.4	12D/12N	CS-EFR-12D3P		CS-EFR-12D4P	
2.5	16D/16N	CS-EFR-16D3P		CS-EFR-16D4P	
2.6	20N/20S	CS-EFR-20N3P		CS-EFR-20N4P	
2.7	20D	CS-EFR-20D3P	12610	CS-EFR-20D4P	8200
2.8	25D/25N	CS-EFR-25D3P		CS-EFR-25D4P	
2.9	30S	CS-EFR-30S3P		CS-EFR-30S4P	
2.10	30D	CS-EFR-30D3P		CS-EFR-30D4P	9430
2.11	40S	CS-EFR-40S3P		CS-EFR-40S4P	
2.12	40D	CS-EFR-40D3P	17180	CS-EFR-40D4P	
2.13	50C	CS-EFR-50C3P	POR	CS-EFR-50C4P	POR
2.14	60C	CS-EFR-60C3P		CS-EFR-60C4P	

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	4110
4.1.2	-	200/0.2A	CS-WMCT-02	CS-ATBWM-02	
4.1.3	-	250/0.2A	CS-WMCT-024	CS-ATBWM-024	
4.1.4	-	300/0.2A	CS-WMCT-034	CS-ATBWM-030	
4.1.5	-	400/0.2A	CS-WMCT-044	CS-ATBWM-040	
4.1.6	6D / 06N	630/0.2A	CS-WMCT-064	CS-ATBWM-060	
4.1.7	8D/08N	800/0.2A	CS-WMCT-084	CS-ATBWM-080	
4.1.8	10D/10N	1000/0.2A	CS-WMCT-104	CS-ATBWM-110	4330
4.1.9	12D / 12N	1250/0.2A	CS-WMCT-124	CS-ATBWM-120	
4.1.10	16D / 16N	1600/0.2A	CS-WMCT-164	CS-ATBWM-160	
4.1.11	20N/20S	2000/0.2A	CS-WMCT-220	CS-ATBWM-220	5790
4.1.12	20D	2000/0.2A	CS-ATBWM-220	CS-ATBWM-220	
4.1.13	25D / 25N	2500/0.2A	CS-ATBWM-225	CS-ATBWM-225	
4.1.14	30S	3200/0.2A	CS-ATBWM-2532	CS-ATBWM-332	7230
4.1.15	30D	3200/0.2A	CS-ATBWM-332	CS-ATBWM-332	
4.1.16	40S / 40D	4000/0.2A	CS-ATBWM-440	CS-ATBWM-440	10340
4.1.17	50C	5000/0.2A	CS-ATBWM-550	CS-ATBWM-554	POR
4.1.18	60C	6300/0.2A	CS-ATBWM-660	CS-ATBWM-664	



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	3820
4.2.2		200/5A	CS-ATB-020	CS-ATB-020N	
4.2.2	-	250/5A	CS-ATB-024	CS-ATB-020	
4.2.4		300/5A	CS-ATB-034	CS-ATB-030	
4.2.5	-	400/5A	CS-ATB-044	CS-ATB-040	
4.2.6	6D / 06N	630/5A	CS-ATB-064	CS-ATB-060	
4.2.7	8D/08N	800/5A	CS-ATB-084	CS-ATB-080	
4.2.8	10D/10N	1000/5A	CS-ATB-104	CS-ATB-110	3920
4.2.9	12D / 12N	1250/5A	CS-ATB-134	CS-ATB-120	4030
4.2.10	16D / 16N	1600/5A	CS-ATB-164	CS-ATB-160	4550
4.2.11	20N/20S	2000/5A	CS-ATB-220	CS-ATB-220	5150
4.2.12	20D	2000/5A	CS-ATB-220	CS-ATB-220	
4.2.13	25D / 25N	2500/5A	CS-ATB-225	CS-ATB-225	5790
4.2.14	30S	3200/5A	CS-ATB-2532	CS-ATB-332	6710
4.2.15	30D	3200/5A	CS-ATB-332	CS-ATB-332	
4.2.16	40S / 40D	4000/5A	CS-ATB-440	CS-ATB-440	9600
4.2.17	50C	5000/5A	CS-ATB-554	CS-ATB-550	POR
4.2.18	60C	5000/5A	CS-ATB-664	CS-ATB-660	

NOTES: All configurable products are non stockable.

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	2020
		20D-40D/25N-40S	CS-AXH-3A2B-220	2020
4.2	10 way (5NO+5NC)	6D-16D/08N-20S	CS-AXH-5A5B-116	3050
		20D-40D/25N-40S / 50C-60C	CS-AXH-5A5B-220	3050
4.3	14 way (7NO+7NC)	6D-16D/06N-20S	CS-AXH-7A7B-116	4970
		20D-40D/25N-40S / 50C-60C	CS-AXH-7A7B-220	4970



5. UVT Device			[HSN Code: 8538]
Sl. No.	**Description**	**Reference**	**MRP (₹)**
5.1	Compact UVT Coil6D-16D/06N-20S	CS-AUH-V-A-**	6970
5.2	20D-40D/25N-40S / 50C-60C	CS-AUH-V-B-**	



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-**	3880
	20D-40D/25N-40S/50C-60C	CS-AVH-S-220-**	
6.2	**Closing Coil** 6D-16D/06N-20S	CS-AVH-C-116-**	3880
	20D-40D/25N-40S/ 50C-60C	CS-AVH-C-220-**	

**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	1170	ALA-2	1170
8	Trip Indication Switch (For both manual and Fault indication in ACB)	CS-TIS-1	1170	CS-TIS-2	
9	Spring Charged Indication Switch	SCIS-M	1540	SCIS-M2	1540
10	Position Indication Switch (Right side)	ALB-4P-1	3830	ALB-IP-2	3830
11	Position Indication Switch (Left side)	ALB-FR-1-L	3830	ALB-FR-2-L	3830
12	Mechanical operation counter	ASC-1	3550	ASC-2	3550
13	Key Lock (One lock + One key)	AKI-116D	2690	AKI-2D	2690
14	Castle Key Lock-3 Pole	CKI-116 (3P)	8250	CKI-220 (3P)	8250
	Castle Key Lock-4 Pole	CKI-116 (4P)	8250	CKI-220 (4P)	8250
15	Key Interlock (Consisting of 3-Key Locks with 2 Keys (same No.) fitted on 3 ACBs)	AKI-1-1	7330	AKI-1-2	7330
16	Key Interlock (Consisting of 2-Key Locks with 1 Key (same No.) fitted on 2 ACBs)	AKI-2-1	5610	AKI-2-2	5610
17	Short Circuit Contact for Shunting Auxiliary Isolating Contacts when ACB withdrawn	SCC	660	SCC	660
18	Rectifier Unit input 240V AC/ output 24V DC, used for Fault LED Retention	CS-ARO-1BMA	3830	CS-ARO-1BMA	3830
19	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 ☐ AHA ☐

RATING OF ACB REQUIRED

630A ☐ 800A ☐ 1000A ☐ 1250A ☐ 1600A ☐ 2000A ☐
2500A ☐ 3200A ☐ 4000A ☐ 5000A ☐ 6300A ☐

NO. OF POLES — 3 POLE ☐ 4 POLE ☐

BREAKING CAPACITY : AH : D C (Only for 50C & 60C)
AHA : N S

STANDARD CONFIGURATION

With Microprocessor Release

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

With Thermal Magnetic Release

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 ---> 110V AC ☐ DC ☐ ; 220V AC ☐ DC ☐

Closing Coil --> 100~130V AC | 220~250V AC | 380~440V AC | 24V DC | 48V DC | 110V DC | 220V DC

UVT ----> (W/O time delay) 100~130V AC | 220~250V AC | 380~440V AC | 110V DC | 220V DC

Shunt trip coil --> 100~130V AC | 220~250V AC | 380~440V AC | 24V DC | 48V DC | 110V DC | 220V DC

Without Release ☐
Thermal Magnetic Release ☐
MicroPro 3.1 ☐
MicroPro 4.1 ☐
MicroPro 5.1 ☐
Communication Module* (Modbus Protocol) ☐

CT Rating _____ A
Overload _____ A
Ground Fault _____ A
Short Circuit _____ A
Instantaneous _____ A
Neutral _____ A

Thermal Magnetic :
Earth Fault : Reqd. ☐ Not Reqd. ☐
CT Rating ☐ NCT Rating ☐
Setting of non-adj. Mag. Inst. Trip _____

ACCESSORIES

Trip Ind. Switch ☐
Position Ind. Switch ☐
Key Lock** ☐
OCR Alaram Switch ☐
Spring charge Ind. Switch ☐
Mech. Operation Counter ☐
Door Interlock ☐
Mechanical Interlock : Hor. ☐ Ver. ☐
Castle Key Interlock** ☐
Key Interlock : 2 ACB ☐ 3 ACB ☐
Neutral CT ☐

Special Requirements, If any

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

B-Type 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.

B TYPE ORDER FORM

Customer Name	Order No & Date	Delivery Date	End User/Panel Builder Name & Phone	Qty. (NOS.)

PRODUCT REFERENCE

RATING OF ACB REQUIRED

630A ☐ 800A ☐ 1000A ☐ 1250A ☐ 1600A ☐ 2000A ☐

NO. OF POLES

3 POLE ☐

BREAKING CAPACITY :

STANDARD CONFIGURATION

With Microprocessor Release	MF
	Release
	Power Supply Module (ac/dc)
	Aux Switch 1NO
	Main CTs
With Thermal Magnetic Release	MF
	Thermal Magnetic Release
	Aux Switch 1NO
	Main CTs
	Shunt Trip

UVT ----> (W/O time delay)				Shunt trip coil ----->				
	100~130V AC	220~250V AC	380~440V AC		100~130V AC	220~250V AC	380~440V AC	
	110V DC	220V DC			24V DC	48V DC	110V DC	220V DC

RELEASE

Without Release ☐
Thermal Magnetic Release ☐
MicroPro 3.1 ☐
MicroPro 4.1 ☐
MicroPro 5.1 ☐

CT Rating _____ A
Overload _____ A
Ground Fault _____ A
Short Circuit _____ A
Instantaneous _____ A
Neutral _____ A

Thermal Magnetic :

Earth Fault : Reqd. ☐ Not Reqd. ☐

CT Rating ☐ NCT Rating ☐

Setting of non-adj. Mag. Inst. Trip _____

ACCESSORIES

Trip Ind. Switch ☐ Mech. Operation Counter ☐
Key Lock ☐
OCR Alaram Switch ☐

Special Requirements,If any

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 is provided as standard.

* (220V AC input is required)

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C&S electric

WiNbreak1

Moulded Case Circuit Breaker

- Complying to IEC 60947-2
- Unique 'Reserve Trip Assembly'
- Suitable for voltage up to 690V / Ui 1000 V AC
- Suitable for Motor loads, Capacitor switching
- 100% Ics value ensuring high performance
- Total Selectivity
- Multiple trip units offering variety of choice for the user
- Available with a 'Single Pole' variant MCCB
- Inbuilt Current Measurement & last trip history
- Complete range of accessories
- Communication*

*For communication Module please contact nearest Branch Office.

CE RoHS Compliant



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-*	8260	CSE1M125FMU4P-*	10620
	16, 20, 25, 32, 40, 50	36kA	CSE1NN125FMU3P-*	10600	CSE1NN125FMU4P-*	12920

ATM (Thermal Magnetic) Release ● Adjustable Overload 80-100% ● Adjustable Short Circuit 5-10 In **[HSN Code: 8536]**

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-*	8820	CSE1M125ATM4P-*	11650
	125		CSE1M125ATM3P-*	12080	CSE1M125ATM4P-*	13590
Frame 2	160		CSE2M250ATM3P-*	15780	CSE2M250ATM4P-*	18910
	200		CSE2M250ATM3P-*	19920	CSE2M250ATM4P-*	22710
	250		CSE2M250ATM3P-*	23580	CSE2M250ATM4P-*	26810
Frame 3	320		CSE3M400ATM3P-*	30060	CSE3M400ATM4P-*	35110
	350		CSE3M400ATM3P-*	30060	CSE3M400ATM4P-*	35110
	400		CSE3M400ATM3P-*	30500	CSE3M400ATM4P-*	37070
Frame 1	63, 80, 100	36kA	CSE1NN125ATM3P-*	10600	CSE1NN125ATM4P-*	13300
	125		CSE1NN125ATM3P-*	12380	CSE1NN125ATM4P-*	14450
Frame 2	160		CSE2NN250ATM3P-*	18260	CSE2NN250ATM4P-*	23210
	200		CSE2NN250ATM3P-*	22180	CSE2NN250ATM4P-*	24980
Frame 3	320		CSE3NN400ATM3P-*	30260	CSE3NN400ATM4P-*	35500
	350		CSE3NN400ATM3P-*	30260	CSE3NN400ATM4P-*	35500
	400		CSE3NN400ATM3P-*	30660	CSE3NN400ATM4P-*	37470
Frame 4	500		CSE4NN630ATM3P-*	34380	CSE4NN630ATM4P-*	43120
	630		CSE4NN630ATM3P-*	34380	CSE4NN630ATM4P-*	43120
Frame 1	63, 80, 100	50kA	CSE1S125ATM3P-*	14110	CSE1S125ATM4P-*	17120
	125		CSE1S125ATM3P-*	16540	CSE1S125ATM4P-*	20710
Frame 2	160		CSE2S250ATM3P-*	21860	CSE2S250ATM4P-*	28020
	200		CSE2S250ATM3P-*	24750	CSE2S250ATM4P-*	31310
	250		#CSE2SX250ATM3P-*	25300	#CSE2SX250ATM4P-*	30100
	250		CSE2S250ATM3P-*	26490	CSE2S250ATM4P-*	32880
Frame 3	320		CSE3S400ATM3P-*	31930	CSE3S400ATM4P-*	36910
	350		CSE3S400ATM3P-*	31930	CSE3S400ATM4P-*	36910
	400		CSE3S400ATM3P-*	33220	CSE3S400ATM4P-*	38070
Frame 4	500		CSE4S630ATM3P-*	43520	CSE4S630ATM4P-*	53490
	630		CSE4S630ATM3P-*	43520	CSE4S630ATM4P-*	53490

NOTES :
1. #Icu 50kA(Ics=75% Icu)
2. While Ordering, Replace"*" by Current Rating, follwed by 'A' eg., 350A
3. For spreader terminals reference code & MRP, please refer page no. 29
4. For 55kA, 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 & 50kA
- Communication*
- Trip History
- LCD: Indication of measurement and information
- Suitable for isolation
- Adjustable over load from 0.4-1.0In
- Adjustable short circuit from 2-12Ir
- Inbuilt ground fault protection available 20% to 100% of In
- Adjustable neutral overload protection available: 50% to 100% of Ir
- Adjustable current imbalance protection available: (30%-70%) of Ir
- Provision of thermal memory: ON/OFF
- View last trip information

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

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	21520	CSE1NN125ETM4P-40A	25300
	25-63		CSE1NN125ETM3P-63A	21520	CSE1NN125ETM4P-63A	25300
	40-100		CSE1NN125ETM3P-100A	22800	CSE1NN125ETM4P-100A	26560
	50-125		CSE1NN125ETM3P-125A	23550	CSE1NN125ETM4P-125A	28960
Frame 2	63-160		CSE2NN250ETM3P-160A	27030	CSE2NN250ETM4P-160A	31810
	80-200		CSE2NN250ETM3P-200A	32100	CSE2NN250ETM4P-200A	39520
Frame 3	160-400		CSE3NN400ETM3P-400A	47740	CSE3NN400ETM4P-400A	59550
Frame 4	250~630		CSE4NN630ETM3P-630A	51320	CSE4NN630ETM4P-630A	64990

ETM (with in-built Earth fault Protection) ● Adjustable Overload 40-100% ● Adjustable shortcircuit 2~12 Ir ● Ics=100%Icu

[HSN Code: 8536]

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	23820	CSE1S125ETM4P-40A	26590
	25-63		CSE1S125ETM3P-63A	23820	CSE1S125ETM4P-63A	26590
	40-100		CSE1S125ETM3P-100A	23820	CSE1S125ETM4P-100A	26590
	50-125		CSE1S125ETM3P-125A	24380	CSE1S125ETM4P-125A	32030
Frame 2	63-160		CSE2S250ETM3P-160A	30350	CSE2S250ETM4P-160A	38000
	80-200		CSE2S250ETM3P-200A	32550	CSE2S250ETM4P-200A	40140
	100-250		CSE2S250ETM3P-250A	32680	CSE2S250ETM4P-250A	48180
	100-250		#CSE2SX250ETM3P-250A	33050	#CSE2SX250ETM4P-250A	42210
Frame 3	160-400		CSE3S400ETM3P-400A	50080	CSE3S400ETM4P-400A	63970
Frame 4	250~630		CSE4S630ETM3P-630A	59985	CSE4S630ETM4P-630A	78795

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. 28
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 34.
5. *For Communication Module details please contact nearest Branch Office.

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
- Quick 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% ● Fixed short circuit 10In* **[HSN Code: 8536]**

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	3490	CSESK125FMU4P-*A	3950
	63, 80, 100A		CSESK125FMU3P-*A	4210	CSESK125FMU4P-*A	5620
	125A		CSESK125FMU3P-*A	4590	CSESK125FMU4P-*A	5860
	16, 20, 25, 32, 40, 50,	18kA	CSESL125FMU3P-*A	5440	CSESL125FMU4P-*A	7110
	63, 80, 100A		CSESL125FMU3P-*A	5580	CSESL125FMU4P-*A	7260
	125A		CSESL125FMU3P-*A	5980	CSESL125FMU4P-*A	7950
	16, 20, 25, 32, 40, 50	25kA*	CSESMX125FMU3P-*A	5900	CSESMX125FMU4P-*A	7250
	63, 80, 100A		CSESMX125FMU3P-*A	6140	CSESMX125FMU4P-*A	7610
	125A		CSESMX125FMU3P-*A	6440	CSESMX125FMU4P-*A	7980

NOTES : 1. While Ordering, Replace"*" by Current Rating.
2. * Ics=75%Icu
3. For accessories please refer page No. 28
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	1480
			CSESK125FTM1P-20A	1480
			CSESK125FTM1P-25A	1480
			CSESK125FTM1P-32A	1480
			CSESK125FTM1P-40A	1480
	50, 63, 80, 100, 125		CSESK125FTM1P-50A	1640
			CSESK125FTM1P-63A	1640
			CSESK125FTM1P-80A	1640
			CSESK125FTM1P-100A	1640
			CSESK125FTM1P-125A	1640

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 ● Adjustable short circuit upto 6~12In **[HSN Code: 8536]**

Size	Breaking Capacity Icu at 415V AC	Rating (A)	3 Pole - Reference	MRP (₹)
Frame-1	50kA	20	CSE1S125FMTU3P-20A	9870
		32	CSE1S125FMTU3P-32A	
		50	CSE1S125FMTU3P-50A	
		63	CSE1S125MTU3P-63A	10040
		100	CSE1S125MTU3P-100A	
		125	CSE1S125MTU3P-125A	11260
Frame-2	50kA	160	CSE2S250MTU3P-160A	17440
		200	CSE2S250MTU3P-200A	22610
		220	CSE2S250MTU3P-220A	28110
		250	CSE2S250MTU3P-250A	
Frame-3	50kA	320	CSE3S400MTU3P-320A	33440
		350	CSE3S400MTU3P-350A	
		400	CSE3S400MTU3P-400A	
Frame-4		500	CSE4S630MTU3P-500A	34160
		630	CSE4S630MTU3P-630A	

ACCESSORIES **[HSN Code: 8538]**

Suitable for use on WB1 MCCBs

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)	1560	-	-	AXWS-L	1190	ALWS-L	1270	XLWS-L	2260
CSE1	STW1-(...V)	2650	UVTW1-(...V)	4600	AXW1-*	1380	ALW1-*	1380	XLW1-*	3280
CSE2							ALW1-2*	1380	XLW1-2*	3280
CSE3 / CSE4	STW1-3(...V)	3930	UVTW1-3(...V)	5370	AXW1-3*	1760	ALW1-3*	1760	XLW1-3*	3930

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 Shuntrip fitment only in Right Side pocket
3. For UVT of CSES Fame, please contact to nearest Branch Office
4. Please Replace (...) with voltage rating.

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	24V, 48V, 110V, 220V	-
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	2480
CSE1	EHW1-125	2760
CSE2	EHW1-250	3240
CSE3 / CSE4	EHW1-400-630	3880



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	4490
CSE2	EXTKLWB1-250AF-T1	4490
CSE3 / CSE4	EXTKLWB1-400AF-T1	5270



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	3210	MIW1-125-4P	3970	
CSE2	MIW1-250-3P	3490	MIW1-250-4P	4130	

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**		
	Reference	**MRP (₹)**	**Reference**	**MRP (₹)**	
CSE1	KLW1-125	1790	PLW1-125	1880	
CSE2	KLW1-250	1940	PLW1-250	2080	
CSE3 / CSE4	-	-	PLW1-400	POR	
* 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	16 , 20, 25, 32, 40, 50, 63, 80, 90, 100, 125	CSET0033	210	Set of 3
	4 Pole		CSET0044	310	Set of 4
CSE1	3 Pole	16, 20, 32, 40, 50, 63	CSET1033	210	Set of 3
CSE1	3 Pole	80, 100, 125	CSET1033C	300	Set of 3
CSE1	4 Pole	16, 20, 32, 40, 50, 63	CSET1044	340	Set of 4
CSE1	4 Pole	80, 100, 125	CSET1044C	420	Set of 4
CSE2	3 Pole	160, 200	CSET2033	500	Set of 3
CSE2	3 Pole	250	CSET2503-ST	810	Set of 3
CSE2	4 Pole	160, 200	CSET2044	750	Set of 4
CSE2	4 Pole	250	CSET2504-ST	1060	Set of 4
CSE3	3 Pole	320, 350, 400	CSET3033	1830	Set of 3
CSE3	4 Pole	320, 350, 400	CSET3044	2530	Set of 4
CSE4	3 Pole	500, 630	CSET4033-WB1	4060	Set of 3
CSE4	4 Pole	500, 630	CSET4044-WB1	5510	Set of 4



SS Enclosure for WB1 MCCB			[HSN Code: 8538]
Size	**Suitable for WB1 MCCBs**	**Reference**	**MRP (₹)**
FrameS	CSES	CSE-ENCL-125S-3P	POR
	CSES	CSE-ENCL-125S-4P	
Frame1	CSE1	CSE-ENCL-125-3P	
	CSE1	CSE-ENCL-125-4P	
Frame2	CSE2	CSE-ENCL-250-3P	
	CSE2	CSE-ENCL-250-4P	

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.

WiNbreak1 MCCB

Description	Reference	MRP (₹)
Motor Operator for WB1		
CSE1MOP24VDC	Motor Operator For Winbreak1 (CSE1 24V DC)	26865
CSE1MOP110VAC/DC	Motor Operator For Winbreak1 (CSE1 110V AC/DC)	26865
CSE1MOP220VAC/DC	Motor Operator For Winbreak1 (CSE1 220V AC/DC)	26865
CSE1MOP400VAC	Motor Operator For Winbreak1 (CSE1 400V AC)	26865
CSE2MOP24VDC	Motor Operator For Winbreak1 (CSE2 24V DC)	30080
CSE2MOP110VAC/DC	Motor Operator For Winbreak1 (CSE2 110V AC/DC)	30080
CSE2MOP220VAC/DC	Motor Operator For Winbreak1 (CSE2 220V AC/DC)	30080
CSE2MOP400VAC	Motor Operator For Winbreak1 (CSE2 400V AC)	30080
CSE3/4MOP24VDC	Motor Operator For Winbreak1 (CSE3/4 24V DC)	44595
CSE3/4MOP110VAC/DC	Motor Operator For Winbreak1 (CSE3/4 110V AC/DC)	44595
CSE3/4MOP220VAC/DC	Motor Operator For Winbreak1 (CSE3/4 220V AC/DC)	44595
CSE3/4MOP400VAC	Motor Operator For Winbreak1 (CSE3/4 400V AC)	44595



Earth Fault Relay (Built in 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	7570
40A	4~40A	EFR-CBCT125-AF-40	
63A	6.3~63A	EFR-CBCT125-AF-63	
80A	8~80A	EFR-CBCT125-AF-80	
100A	10~100A	EFR-CBCT125-AF-100	
125A	12.5~125A	EFR-CBCT125-AF-125	8060
200A	20~200A	EFR-CBCT250-AF-200	
250A	25~250A	EFR-CBCT250-AF-250	9010
400A	40~400A	EFR-CBCT400-AF-400	
630A	63~630A	EFR-CBCT630-AF-630	10430
800A	80~800A	EFR-CBCT800-AF-800	
1000A	100~1000A	EFR-CBCT1250-AF-1000	16090
1250A	125~1250A	EFR-CBCT1250-AF-1250	
Earth Fault Relay (with NCT) Suitable for 3 Phase 4 wire distribution network			
40A	4~40A	EFR125-AF-40(N)	7010
100A	10~100A	EFR125-AF-100(N)	
125A	12.5~125A	EFR125-AF-125(N)	7450
200A	20~200A	EFR250-AF-200	
250A	25~250A	EFR250-AF-250	8310
400A	40~400A	EFR400-AF-400	
630A	63~630A	EFR630-AF-630	9570
800A	80~800A	EFR800-AF-800	
1000A	100~1000A	EFR1250-AF-1000	15780
1250A	125~1250A	EFR1250-AF-1250	
NCT WiNbreak1 ETM (Microprocessor) 3 Pole MCCB if ground fault facility is required			
40	40/0.1A	ETMNCT40A	2310
63	63/0.1A	ETMNCT63A	
80	80/0.1A	ETMNCT80A	
100	100/0.1A	ETMNCT100A	
125	125/0.1A	ETMNCT125A	
160	160/0.1A	ETMNCT160A	3230
200	200/0.1A	ETMNCT200A	
250	250/0.1A	ETMNCT250A	
400	400/0.1A	ETMNCT400A	4420

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WiNbreak2

An Absolute solution for power distribution

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



Conforms to IS/IEC 60947-2

Ics =100% Icu

Icw =25kA for 1s

Range : 800A to 1600A, 3P & 4P

Breaking capacity : 50kA, 70kA & 150kA

Ui : 1000V

Uimp : 8kV

N Type (Normal)	A Type (Ammeter)	P Type (Power Meter)	S Type (Supreme Meter)
			

WiNbreak2 MCCB (1600AF)

Features:

- LSIG 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	

MRP Changes for MCCB with high end release w.r.t "Intelligent release - N Type" — **[HSN Code: 8536]**

Release		MRP (₹)
Intelligent release - A Type*	ADD	POR
Intelligent release - P Type*	ADD	
Intelligent release - S Type*	ADD	

Note : Standard packing includes insulating phase barriers and Hardwares.

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 Alram 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 — **[HSN Code: 8538]**

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

- 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 hardwares



FMU (Thermal Magnetic) Release ● Adjustable Overload 80-100% ● Fixed short circuit 10 In **[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, 63	50kA	☒CD100NFMU*3P	16210	☒CD100NFMU*4P	20100
	80, 100		CD100NFMU*3P	16360	CD100NFMU*4P	20280
Frame 3	300, 400	65kA	☒CS400NFMU*3P	53870	CS400NFMU*4P	68760
	500, 630		*CS630NFMU*3P	61540	CS630NFMU*4P	74390
Frame 4	800	65kA	☒CS800NFMU*3P	79500	CS800NFMU*4P	106380

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

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 2	125	50kA	CS160NATU*3P	25210	☒CS160NATU*4P	31900
	160		☒CS160NATU*3P	31050	☒CS160NATU*4P	40290
	200		☒CS250NATU*3P	37340	☒CS250NATU*4P	47810
	250		CS250NATU*3P	42890	CS250NATU*4P	57460
Frame 3	300, 400	65kA	*CS400NATU*3P	55020	*CS400NATU*4P	73320
	500, 630		*CS630NATU*3P	65380	*CS630NATU*4P	79830
Frame 4	800		☒CS800NATU*3P	89200	CS800NATU*4P	110600

ETS (Microprocessor based) Release ● Adjustable Overload 40 - 100% ● Adjustable shortcircuit 1.5 - 10 In **[HSN Code: 8536]**

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 2	40	50kA	CS160NETS*3P	41420	☒CS160NETS*4P	51800
	80, 160		CS160NETS*3P	42000	☒CS160NETS*4P	51810
	250		CS250NETS*3P	51090	☒CS250NETS*4P	64990
Frame 3	400	65kA	CS400NETS*3P	56610	☒CS400NETS*4P	84540
	630		☒CS630NETS*3P	64990	☒CS630NETS*4P	99530
Frame 4	800	65kA	☒CS800NETS*3P	95960	CS800NETS*4P	122440

☒non stockable items.

ATU - *Rated Current (Amp) 300, 500 for 3 Pole & 4 Pole are non stockable items.

WiNbreak2 MCCB

ETM (Microprocessor Release with in-built Earth fault Protection) ● Adjustable Overload 40 - 100% ● Adjustable shortcircuit 1.5 - 10 In						[HSN Code: 8536]
Size	**Rated Current (Amps)**	**Breaking capacity Icu at 415V AC**	**3 Pole Reference**	**MRP (₹)**	**4 Pole Reference**	**MRP (₹)**
Frame 3	160	65kA	☒CS400NETM33160A3PE	93320	CS400NETM33160A4PE	111880
	250		CS400NETM33250A3PE	93320	CS400NETM33250A4PE	111880
	400		CS400NETM33400A3PE	93530	CS400NETM33400A4PE	120830
	630		☒CS630NETM33630A3PE	112650	CS630NETM33630A4PE	134080
Frame 4	800	65kA	☒CS800NETM43800A3PE	157550	☒CS800NETM43800A4PE	196940

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 35.
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.



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 Alram Switch (FAL)***	**MRP (₹)**
CD100-CS800	ST-T(..V)	4660	UVT-T(..V)	6360	AX-T	2010	AL-T	2010	FAL-T	2010

NOTE :

1. The above accessories are common for CD100-CS800
2. FAL (Fault Alarm Switch)* It can be applied to only circuit breakers with electronic trip units
3. Maximum Possiblities for Internal Accessories

Voltage Selection UVT & Shunt					
Size	**AC**		**DC**	**AC / DC Common**	
UVT					
Frame 1/2/3/4	380~440V, 440~480V		-	24V, 48V, 110~130V, 200~240VAC/ 250VDC	
Shunt					
Frame 1/2/3/4	380~500V		12V	24V, 48V, 110~130V, 200~240VAC / 250VDC	
	Accessory	**CD100**	**CS160/ 250**	**CS400 / 630**	**CS800**
Left	AX	-	1	3	3
	AL	1	1	-	-
	SHT / UVT	1	1	1	1
Right	AX	2	1	-	-
	AL	-	-	1	2
	FAL	-	1	1	1



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 (₹)**
CD100	☒DH1-S	2510	☒DHK1-S	6640	EH1-S	3780
CS160, CS250	☒DH2-S	2730	☒DHK2-S	6960	EH2-S	5050
CS400, CS630	☒DH3-S	5370	☒DHK3-S	7300	EH3-S	7060
CS800	☒DH4-S	6420	☒DHK4-S	7610	EH4-S	8320



Mechanical Interlock (Used to prevent mechnically closing together)				[HSN Code: 8538]
Suitable for use on WB2 MCCBs	**3 Pole Reference**	**MRP (₹)**	**4 Pole Reference**	**MRP (₹)**
CD100	MIT13	11980	MIT14	12560
CS160, CS250	MIT23	14590	MIT24	15090
CS400, CS630	MIT33	15480	MIT34	15890
CS800	MIT43	16570	MIT44	16920

☒non stockable items.

WiNbreak2 MCCB



Motor Operator - For remote "ON/OFF" operation only			**[HSN Code: 8538]**
Suitable for MCCB Type	**Control Voltage**	**Reference**	**MRP (₹)**
CD100	☒24V DC	MOP1(..V)	28740
	☒AC100~240V/DC100~220V		
CS160, CS250	☒24V DC	MOP2(..V)	39010
	☒AC110V/DC110V		
	AC230V/DC220V		
CS400, CS630	☒24V DC	MOP3(..V)	60280
	☒AC110V/DC110V		
	AC230V/DC220V		
CS800	☒24V DC	MOP4(..V)	72710
	☒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 (₹)**
CD100	☒PHL 1	2060	☒PL 1	1180
CS160, CS250	☒PHL 2	2260	☒PL 2	1540
CS400, CS630	☒PHL 3	3640	☒PL 3	1870
CS800	☒PHL 4	3680	☒PL 4	1950

NCT for WiNbreak2 ETM-Microprocessor (3 Pole MCCB if ground fault facility is required)		**[HSN Code: 8538]**
Description	**Reference**	**MRP (₹)**
160/0.1A	☒NCT-WB2-016	8300
250/0.1A	☒NCT-WB2-025	8480
400/0.1A	☒NCT-WB2-040	9130
630/0.1A	☒NCT-WB2-063	9820
800/0.1A	NCT-WB2-080	10460

Panel Door Mounted Key Lock for Extended Rotary Handle		**[HSN Code: 8538]**
Suitable for WB2 MCCBs	**Reference**	**MRP (₹)**
CD100, CS160, CS250	☒EXTKLWB2-250AF-T1	3610

☒non stockable items.

WiNbreak MCCB - CS Series



- Conforms to IS/IEC 60947-2
- Range: 15A-400A, 2, 3 & 4 Pole
- Breaking capacity: 10kA, 18kA & 25kA
- Positive Isolation
- Trip free mechanism
- SS Enclosure available
- Standard packing includes Spreader terminals, Insulating phase barriers and Hardwares.

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 1	10, 16, 20, 25, 30, 32, 40, 50, 60, 63☐	10kA	☒CS2A2c*	3310	CS2A3c*	3810	CS2A4c*	5230
	75		CS2A2c*	3460	CS2A3c*	3930	☒CS2A4c*	5410
	80		CS2A2c*	3460	☒CS2A3c*	3930	CS2A4c*	5410
	100		CS2A2c*	3460	CS2A3c*	3930	CS2A4c*	5410
	125		-	-	CS2A3c*	6040	CS2A4c*	8000
Frame 2	16, 20, 25, 30, 32, 40, 50, 60, 63	25kA	CS2B2c*	7250	CS2B3c*	8150	CS2B4c*	9920
	75, 80, 100		CS2B2c*	7360	CS2B3c*	8400	CS2B4c*	10140
Frame 3	125, 140, 160#	18kA	-	-	*CS3A3c*	12740	CS3A4c*	16810
	200		CS3A2*	12600	CS3A3c*	13890	CS3A4c*	18160
	250		☒CS3A2*	13740	☒CS3A3c*	15530	CS3A4c*	19330
	125, 140, 160#	25kA	-	-	CS3B3c*	14800	CS3B4c*	19230
	200		☒CS3B2*	16560	CS3B3c*	17110	☒CS3B4c*	22220
	250		CS3B2*	22110	☒CS3B3c*	23240	☒CS3B4c*	29010

NOTES : 1. While ordering replace "*" by current rating. 2. #150A & 175A also available on request. 3. ☐Upto 63A Spreader Terminals are not included.



SS Enclosure for WB MCCB **[HSN Code: 8538]**

Size	Suitable for use on MCCBs	Reference* 3 Pole	Reference* 4 Pole	MRP (₹)
Frame 1	CS2A	☒CS-CNM0100020	☒CS-CNM0100020	4220
Frame 2	CS2B	CS-CNM0100021	CS-CNM0100021	4250
Frame 3	CS3A, CS3B	CS-CNM0100021	CS-CNM0100021	4250

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.

ACCESSORIES **[HSN Code: 8538]**

Suitable for use on MCCBs	Shunt Trip (SHT)	MRP (₹)	Auxiliary Switch (AX)	MRP (₹)	Alarm Switch (AL)	MRP (₹)	Direct Rotary Handle	MRP (₹)	Extended Rotary Handle	MRP (₹)
CS2A..c	ST-A(..V)	2440	ASW-A(*)	1360	ALSW-A(*)	1360	D-35S	1860	CSE-35S	1860
CS2B..c	ST-B(..V)	2440	ASW-B(*)	1360	ALSW-B(*)	1360	D-45S	2090	CSE-45S	2090
CS3A / CS3B..c	ST-C(..V)	2440	ASW-C(*)	1360	ALSW-C(*)	1360	D-55S	2230	CSE-55	2230

NOTES:

1. *Please read R as MCCB left hand side position & T as right hand position
2. For Frame1, Frame 2 & Frame3 shunt trip is available in 12VAC/DC, 24VAC/DC, 48VAC/DC, 110VAC/DC, 220VAC/DC, 415VAC (Replace ST-A(...V) , ST-B(...V) and ST-C(...V) by required voltage)
3. For Frame4 shunt trip is available in 24-48VAC/DC, 100-220VDC, 100-240VAC, 380-550VAC/DC (Replace ST-6A (...V) by required voltage)
4. Rotary Handle for 2 Pole, Frame1 & Frame2 is not available.
5. Maximum possibilities for internal accessories

Frame1, Frame2 & Frame3:
Left hand seat - AX or AL — Right hand seat - AX or AL or SHT

Frame 4:
Left hand seat - 2AX, 2AL and SHT — Right hand seat - 2AX, 2AL and SHT

☒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 hardwares



FTM (Thermal Magnetic) Release ● Fixed Overloadv ● 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 1	15, 20, 30, 40, 50	18kA	CSC1S2*	5820	-	-	-	-
	60, 75, 100		CSC2N2*	5890	-	-	-	-
Frame 3	150, 175	26kA	CSC4N2*	14030	-	-	-	-
	200		CSC4N2*	15840	-	-	-	-
	250		CSC4N2*	20680	-	-	-	-
Frame 2	15, 20, 30, 40, 50, 60	37kA	⊠CSC3S2*	7700	-	-	-	-
	75, 100		⊠CSC3S2*	7730	-	-	-	-
	125		CSC3S2*	7930	-	-	-	-
Frame 5	500, 630		-	-	CSC6N3*	49170	CSC6N4*	56550
	700, 800		-	-	CSC6N3*	67260	⊠CSC6N4*	80320
Frame 4	300◆	65kA	-	-	CSC5H3*	48340	⊠CSC5H4*	58970
	350, 400◆		-	-	⊠CSC5H3*	49880	⊠CSC5H4*	60850
Frame 5	500, 630		-	-	⊠CSC6S3*	50390	⊠CSC6S4*	64320
	700, 800		-	-	CSC6S3*	72880	CSC6S4*	92240
Frame 4	300◆	85kA	-	-	⊠CSC5L3*	61900	CSC5L4*	86790
	350, 400◆		-	-	CSC5L3*	63530	⊠CSC5L4*	88620
Frame 5	500, 630		-	-	CSC6L3*	90860	⊠CSC6L4*	113710
	700, 800		-	-	CSC6L3*	155160	CSC6L4*	174540

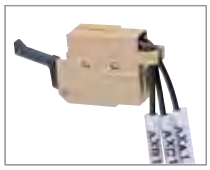
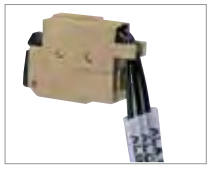
FTM (Thermal Magnetic) Release ● Fixed Overload ● Fixed short circuit ● Ics=50%Icu **[HSN Code: 8536]**

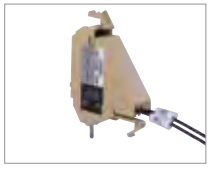
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	2 Pole Reference	MRP (₹)	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 6	1000◆	65kA	-	-	CSC7S3*	184550	⊠CSC7S4*	231020
	1200◆		-	-	CSC8S3*	196180	CSC8S4*	234020
Frame 6	1000◆	85kA	-	-	CSC7L3*	235810	CSC7L4*	282530
	1200◆		-	-	CSC8L3*	274370	CSC8L4*	330220

NOTES : 1. While Ordering, Replace "*" by Current rating.
2. ◆Spreader Terminals are included as standard packing.
3. For Spreader Terminals reference & MRP, please refer page 39.

⊠non stockable items.

WiNbreak MCCB - CSC Series



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 (₹)**	**Combination Switch (AX + AL)**	**MRP (₹)**
CSC1, CSC2, CSC3, CSC4	STC(...V)	2280	UVTC-(...V)	2670	AXWC-(*)	1590	ALWC-(*)	1450	XLC-(*)	3200
CSC5, CSC6	ST-6A(...V)	3040	UVT-6A(...V)	3720	ASW-6A	2890	ALSW-6A	2890	-	-
CSC7, CSC8	ST-7A(...V)	14910	UVT-7A(...V)	14910	ASW-7A	5280	ALSW-7A	5050	-	-





Rotary Handle						[HSN Code: 8538]
Suitable for use on WB-CSC MCCBs	**Direct Rotary Handle**	**MRP (₹)**	**Direct Rotary Handle with Key Lock**	**MRP (₹)**	**Extended Rotary Handle**	**MRP (₹)**
CSC1, CSC2	DHC100	2810	☒DHCK100	6190	CSE-35S■	1720
					EHC100	4750
CSC3	DHC125	2890	☒DHCK125	6380	CSE-45S■	1720
					EHC125	5020
CSC4	DHC250	3420	☒DHCK250	6740	EHC250	5550
CSC5	N70S	3980	-	-	E70U	6460
CSC6		-	-	-	E80U	7180

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.
4. ■Conventional type

Selection UVT & Shunt				
Accessories	**FRAME**	**AC**	**DC**	**AC/DC COMMON**
UVT	1, 2, 3	AC 380~440V	-	AC/DC 24V
		AC 440~480V	-	AC/DC 48V
		-	-	AC/DC 100~110V
		-	-	AC/DC 200~220V
	4, 5	AC 380~440V	-	AC/DC 48V
		AC 440~480V	-	100~125VAC/100~110VDC
		-	-	AC 200~240V/ DC 200~220V
	6	-	-	100~110V
		-	-	125V
		-	-	200~220V
		-	-	380~440V
SHUNT	1, 2, 3	AC 380~450V	DC 12V	AC/DC 48~60V
		AC 440~500V	-	AC/DC 100~130V
		-	-	AC/DC 200~250V
	4, 5	AC 380~550V	-	AC/DC 24~48V
		-	-	AC 100~240V/ DC 100~220V
	6	100~110V	24V	-
		125V	48V	-
		200~220V	100~110V	-
		380~440V	125V	-
		480~550V	200~220V	-

☒non stockable items.

WiNbreak MCCB - CSC Series



Terminal Covers						[HSN Code: 8538]
Suitable for use on WB-CSC MCCBs	For Line/Load Side					
	2P Reference	MRP (₹)	3P Reference	MRP (₹)	4P Reference	MRP (₹)
CSC1, CSC2	TCS12	510	TCS13	670	TCS14	740
CSC3	TCS22	540	TCS23	950	TCS24	1100
CSC4	TCS33	1130	TCS33	1130	TCS34	1260



Mechanical Interlock				[HSN Code: 8538]
Suitable for use on MCCBs	Applied between two MCCBs			
	Reference 3 Pole	MRP (₹)	Reference 4 Pole	MRP (₹)
CSC5	MI43S	6600	MI44S	8230
CSC6	MI83S	8230	MI84S	9710



Spreader Terminals					[HSN Code: 8538]
Suitable for use on MCCBs	Pole	Current Rating (A)	Reference	MRP (₹)	MOQ
CSC1, CSC2, CSC3	2 Pole	15, 20, 30, 40, 50, 60	CSET1022	160	Set of 2
CSC1, CSC2, CSC3	2 Pole	75, 100, 125	CSET1022C	180	Set of 2
CSC1, CSC2, CSC3	3Pole	15, 20, 30, 40, 50, 60	CSET1033	210	Set of 3
CSC1, CSC2, CSC3	3Pole	75, 100, 125	CSET1033C	310	Set of 3
CSC1, CSC2, CSC3	4 Pole	15, 20, 30, 40, 50, 60	CSET1044	350	Set of 4
CSC1, CSC2, CSC3	4 Pole	75, 100, 125	CSET1044C	420	Set of 4
CSC4	2 Pole	150, 175, 200	CSET2022	350	Set of 2
CSC4	2 Pole	250	CSET2502-ST	450	Set of 2
CSC4	3 Pole	150, 175, 200	CSET2033	510	Set of 3
CSC4	3 Pole	250	CSET2503-ST	830	Set of 3
CSC4	4 Pole	150, 175, 200	CSET2044	760	Set of 4
CSC4	4 Pole	250	CSET2504-ST	1080	Set of 4
CSC5	3 Pole	300, 350, 400	CSET4033	3650	Set of 3
CSC5	4 Pole	300, 350, 400	CSET4044	3700	Set of 4
CSC6	3 Pole	500, 630, 700, 800	CSET8033	3610	Set of 3
CSC6	4 Pole	500, 630, 700, 800	CSET8044	4400	Set of 4



SS Enclosure for WB MCCB				[HSN Code: 8538]
Size	Suitable for use on MCCBs	3 Pole Reference*	4 Pole Reference*	MRP (₹)
Frame 1	CSC1, CSC2	☒CS-CNM0100020	-	4220
Frame 2	CSC3	CS-CNM0100021	-	4250
Frame 3	CSC4	CS-CNM0100021	-	4250
Frame 4	CSC5	☒ENCL-250-400AF3	☒ENCL-250-400AF4	6600
Frame 5	CSC6	☒CS-CNM0100203	-	11080
Frame 6	CSC7, CSC8	☒CS-CNM0100204	-	12340

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.

☒non stockable items.

Switch Disconnectors at a Glance

Non Modular Range



D Type



K Type

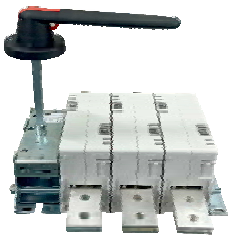


NM Type

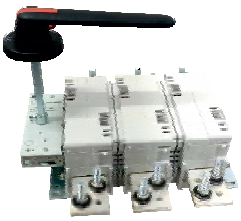
Modular Range



DM Type



K Type



P Type

IEC CE RoHS Compliant

Switch Disconnector 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 DIN	MRP (₹)	Reference BS	MRP (₹)	Reference DIN	MRP (₹)	Reference BS	MRP (₹)	DIN	BS
Frame 1	32A	2P	CSSDF32D2	2620	CSSDF32B2	3180					CDFL00 32	CTIA-32 (A2)
		TP	CSSDF32D3	3130	CSSDF32B3	3260	☒E-CSSDF32D3	6000	E-CSSDF32B3	6230		
		TPN	CSSDF32D3N	3340	CSSDF32B3N	3350	E-CSSDF32D3N	6230	E-CSSDF32B3N	6350		
		4P	☒CSSDF32D4FN	3850	☒CSSDF32B4FN	3630	E-CSSDF32D4FN	6790	☒E-CSSDF32B4FN	6890		
Frame 1	63A	2P	CSSDF63D2	3850	CSSDF63B2	3690					CDFL00 63	CSTIS-63 (A3)
		TP	CSSDF63D3	4020	CSSDF63B3	3960	☒E-CSSDF63D3	7090	E-CSSDF63B3	7160		
		TPN	CSSDF63D3N	4080	CSSDF63B3N	4260	E-CSSDF63D3N	7670	E-CSSDF63B3N	7790		
		4P	CSSDF63D4FN	4480	CSSDF63B4FN	4630	E-CSSDF63D4FN	7980	☒E-CSSDF63B4FN	8000		
Frame 2	100A	2P	CSSDF100D2	6680	CSSDF100B2	7710					CDFL00 100	CTCP-100 (A4)
		TP	CSSDF100D3	8080	CSSDF100B3	8900	E-CSSDF100D3	11880	E-CSSDF100B3	12160		
		TPN	CSSDF100D3N	8640	CSSDF100B3N	9060	E-CSSDF100D3N	12620	E-CSSDF100B3N	12260		
		4P	CSSDF100D4FN	10180	☒CSSDF100B4FN	10760	E-CSSDF100D4FN	14360	☒E-CSSDF100B4FN	14980		
Frame 2	125A	2P	CSSDF125D2	8090	CSSDF125B2	8220					CDFL00 125	CTCP-125 (A4)
		TP	CSSDF125D3	8640	☒CSSDF125B3	8970	☒E-CSSDF125D3	13630	E-CSSDF125B3	13450		
		TPN	CSSDF125D3N	9500	CSSDF125B3N	9700	E-CSSDF125D3N	14170	E-CSSDF125B3N	15160		
		4P	CSSDF125D4FN	11790	CSSDF125B4FN	11780	☒E-CSSDF125D4FN	15490	☒E-CSSDF125B4FN	16070		
Frame 2	160A	2P	☒CSSDF160D2	9860	CSSDF160B2	10180					CDFL00 160	CTF-160 (B2)
		TP	CSSDF160D3	10960	☒CSSDF160B3	11320	E-CSSDF160D3	15420	E-CSSDF160B3	15600		
		TPN	CSSDF160D3N	11160	CSSDF160B3N	12490	E-CSSDF160D3N	16610	☒E-CSSDF160B3N	17200		
		4P	☒CSSDF160D4FN	13300	☒CSSDF160B4FN	14720	E-CSSDF160D4FN	20650	E-CSSDF160B4FN	22780		
Frame 3	200A	2P	CSSDF200D2	12040	CSSDF200B2	12670					CDFL1 200 / CSDFL1 200	CTF-200 (B2)
		TP	CSSDF200D3	13040	☒CSSDF200B3	13660	☒E-CSSDF200D3	17770	E-CSSDF200B3	21150		
		TPN	CSSDF200D3N	14660	CSSDF200B3N	14660	E-CSSDF200D3N	19230	E-CSSDF200B3N	22260		
		4P	CSSDF200D4FN	15570	CSSDF200B4FN	16770	☒E-CSSDF200D4FN	22240	E-CSSDF200B4FN	23390		
Frame 3	250A	2P	CSSDF250D2	13670	☒CSSDF250B2	14090					CDFL1 250/ CSDFL1 250	CTKF250(B3)
		TP	CSSDF250D3	15820	CSSDF250B3	16250	☒E-CSSDF250D3	20640	E-CSSDF250B3	22260		
		TPN	CSSDF250D3N	15890	CSSDF250B3N	16440	E-CSSDF250D3N	21470	E-CSSDF250B3N	22920		
		4P	CSSDF250D4FN	17830	CSSDF250B4FN	18290	☒E-CSSDF250D4FN	24980	E-CSSDF250B4FN	25540		
Frame 3	315A	2P	CSSDF315D2	16070	CSSDF315B2	16860					CDFL2 315/ CSDFL2 315	CTKF-315 (B3)
		TP	CSSDF315D3	20540	CSSDF315B3	20800	E-CSSDF315D3	25670	E-CSSDF315B3	26970		
		TPN	CSSDF315D3N	21150	CSSDF315B3N	21220	E-CSSDF315D3N	25940	E-CSSDF315B3N	27190		
		4P	CSSDF315D4FN	24390	CSSDF315B4FN	23060	☒E-CSSDF315D4FN	33980	E-CSSDF315B4FN	36700		
Frame 3	400A	2P	☒CSSDF400D2	20720	CSSDF400B2	21520					CDFL2 400/ CSDFL2 400	CTMF-400 (B4)
		TP	CSSDF400D3	24580	☒CSSDF400B3	25820	☒E-CSSDF400D3	31380	E-CSSDF400B3	32720		
		TPN	CSSDF400D3N	25320	CSSDF400B3N	26120	E-CSSDF400D3N	31610	E-CSSDF400B3N	32940		
		4P	CSSDF400D4FN	28260	CSSDF400B4FN	30610	☒E-CSSDF400D4FN	35820	E-CSSDF400B4FN	39450		
Frame 4	630A	2P	CSSDF630D2	35080	☒CSSDF630B2	31240		0			CDFL3 630	CTTM-630 (C2)
		TP	CSSDF630D3	43090	☒CSSDF630B3	44330	E-CSSDF630D3	46170	E-CSSDF630B3	51200		
		TPN	CSSDF630D3N	44520	CSSDF630B3N	44890	E-CSSDF630D3N	48540	☒E-CSSDF630B3N	55290		
		4P	CSSDF630D4FN	49310	CSSDF630B4FN	52900	☒E-CSSDF630D4FN	59160	E-CSSDF630B4FN	62940		
Frame 4	800A	2P	CSSDF800D2	46830	CSSDF800B2	43570					-	CTLM-800 (C3)
		TP	☒CSSDF800D3	50990	CSSDF800B3	55200	E-CSSDF800D3	POR	E-CSSDF800B3	POR		
		TPN	CSSDF800D3N	52310	CSSDF800B3N	57880	☒E-CSSDF800D3N		☒E-CSSDF800B3N			
		4P	☒CSSDF800D4FN	60020	CSSDF800B4FN	65390	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	☒CSSDFZW-16	5270
CSSDF 200A - 800A	CSSDFZW-5	5910



Castle Key Locks		[HSN Code: 8538]
CSSDF 32A - 160A	CSSDFZW-15	6750
CSSDF 200A - 800A	CSSDFZW-4	7100



Auxiliary Contacts		[HSN Code: 8538]
1 NO + 1 NC CSSDF 32A - 63A for 3P	CSSDFZX46	900
2 NO + 2 NC CSSDF 32A - 63A for 3P	CSSDFZX32	1650
1 NO + 1 NC CSSDF 32A - 63A for 2P & 4P	CSSDFZX46B	900
2 NO + 2 NC CSSDF 32A - 63A for 2P & 4P	☒CSSDFZX32B	1650
1 NO + 1 NC CSSDF 100A - 160A	CSSDFZX1	900
2 NO + 2 NC CSSDF 100A - 160A	☒CSSDFZX16	1650
1 NO + 1 NC CSSDF 200A - 400A	CSSDFZX33	1080
2 NO + 2 NC CSSDF 200A - 400A	CSSDFZX34	2000
1 NO + 1 NC CSSDF 630A - 800A	CSSDFZX35	1080
2 NO + 2 NC CSSDF 630A - 800A	☒CSSDFZX36	1650



Handle Mounting Kit (for independent mounting of O/E Switches)		[HSN Code: 8538]
CSSDF 200A - 400A	HMK-1-2	2300
CSSDF 630A - 800A	HMK-3-2	2430



Extended Terminals						[HSN Code: 8538]
32A-63A	TPN	ET-323	590	4P	ET-324	710
100A-160A	TPN	ET-327	1480	4P	ET-328	2110
200A-400A	TPN	ET-329	4320	4P	ET-330	5270

☒non stockable items.

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	Frame 1	25	3	CSSD25D3	2250	⊠E-CSSD25D3	4900
			4	⊠CSSD25D4	2970	E-CSSD25D4	5330
	Frame 1	40	3	CSSD40D3	2410	E-CSSD40D3	5640
			4	CSSD40D4	4670	⊠E-CSSD40D4	6160
	Frame 2	63	3	CSSD63K3	3190	⊠E-CSSD63K3	6720
	Frame 3		4	CSSD63D4	5100	⊠E-CSSD63D4	8070
	Frame 3	125	3	CSSD125D3	7170	E-CSSD125D3	11280
	Frame 3		4	CSSD125D4	8710	⊠E-CSSD125D4	12520
NM-Series	Frame 1	125	3	CSSD125NM3	8410	E-CSSD125NM3	12420
			4	CSSD125NM4	10360	E-CSSD125NM4	15330
	Frame 1	160	3	⊠CSSD160NM3	9370	E-CSSD160NM3	13860
			4	⊠CSSD160NM4	11150	E-CSSD160NM4	16530
	Frame 1	200	3	⊠CSSD200NM3	11970	E-CSSD200NM3	15550
			4	CSSD200NM4	15520	E-CSSD200NM4	20180
	Frame 1	250	3	CSSD250NM3	12110	E-CSSD250NM3	17920
			4	CSSD250NM4	16790	⊠E-CSSD250NM4	24880
	Frame 2	315	3	CSSD315NM3	15780	E-CSSD315NM3	POR
			4	CSSD315NM4	17030	E-CSSD315NM4	
	Frame 2	400	3	CSSD400NM3	18910	E-CSSD400NM3	
			4	CSSD400NM4	22940	E-CSSD400NM4	

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 Disconnector 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 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	Frame 4	125	3	CSSD125DM3	9420	E-CSSD125DM3	12720
			4	CSSD125DM4	11670	☒E-CSSD125DM4	15750
	Frame 5	160	3	CSSD160DM3	10780	E-CSSD160DM3	14240
			4	CSSD160DM4	12460	E-CSSD160DM4	17120
	Frame 5	200	3	CSSD200DM3	13360	E-CSSD200DM3	18180
			4	CSSD200DM4	19850	E-CSSD200DM4	23630
	Frame 5	250	3	CSSD250DM3	16290	E-CSSD250DM3	21470
			4	CSSD250DM4	20140	E-CSSD250DM4	25110
	Frame 5	315	3	CSSD315DM3	18910	E-CSSD315DM3	23490
			4	CSSD315DM4	22990	E-CSSD315DM4	27310
	Frame 5	400	3	CSSD400DM3	22920	E-CSSD400DM3	27840
			4	CSSD400DM4	26730	E-CSSD400DM4	32980
K-Series	Frame 6	630	3	CSSD630K3	33960	E-CSSD630K3	39760
			4	CSSD630K4	39830	E-CSSD630K4	46190
	Frame 6	800	3	CSSD800K3	40090	E-CSSD800K3	46500
			4	CSSD800K4	44200	E-CSSD800K4	55940
P-Series	Frame 7 New	1000	3	CSSD1000SB3	40970	E-CSSD1000SB3	67360
			4	CSSD1000SB4	58420	E-CSSD1000SB4	88610
	Frame 7	1000	3	☒CSSD1000P3	45720	E-CSSD1000P3	75160
			4	☒CSSD1000P4	65180	E-CSSD1000P4	98870
	Frame 7	1250	3	☒CSSD1250P3	67740	E-CSSD1250P3	92120
			4	☒CSSD1250P4	89520	E-CSSD1250P4	121180
	Frame 7	1600	3	☒CSSD1600P3	84830	E-CSSD1600P3	115370
			4	☒CSSD1600P4	113100	E-CSSD1600P4	153820
	Frame 8	2000	3	CSSD2000P3	169750	E-CSSD2000P3	222760
			4	CSSD2000P4	192840	E-CSSD2000P4	248820
	Frame 8	2500	3	CSSD2500P3	189860	E-CSSD2500P3	247210
			4	CSSD2500P4	215760	E-CSSD2500P4	276180
	Frame 8	3150	3	CSSD3150P3	239590	E-CSSD3150P3	331520
			4	CSSD3150P4	272260	E-CSSD3150P4	384970

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 Disconnectors (Moulded construction)















Accessories						[HSN Code: 8538]
For Switch Type	**Reference**			**MRP (₹)**		
Key Interlocks (3 Locks - 2 Keys)						
CSSD 125A-160A	CSSDZW - 16			7080		
CSSD 200A-3150A	CSSDZW - 5					
Castle Key Locks						
CSSD 25A-160A	CSSDZW - 15			5960		
CSSD 200A-3150A	CSSDZW - 4					
Auxiliary Contacts	**Pole**	**Reference**				
1 NO + 1 NC CSSD 25A-40A	3P	⊠CSSDZX49		930		
2 NO + 2 NC CSSD 25A-40A	3P	⊠CSSDZX50		1750		
1 NO + 1 NC CSSD 25A-40A	4P	CSSDZX87		930		
2 NO + 2 NC CSSD 25A-40A	4P	⊠CSSDZX88		1750		
1 NO + 1 NC CSSD 63A (K Type)	3P	⊠CSSDZX79		930		
2 NO + 2 NC CSSD 63A (K Type)	3P	⊠CSSDZX80		1750		
1 NO + 1 NC CSSD 63~125A (D Type)	3P	⊠CSSDZX52		930		
2 NO + 2 NC CSSD 63~125A (D Type)	3P	⊠CSSDZX53		1750		
1 NO + 1 NC CSSD 63A-125A	4P	⊠CSSDZX55		930		
2 NO + 2 NC CSSD 63A-125A	4P	⊠CSSDZX56		1750		
1 NO + 1 NC CSSD 125A-160A (DM)	3/4P	⊠CSSDZX1		1750		
2 NO + 2 NC CSSD 125A-160A (DM)	3/4P	CSSDZX16				
1 NO + 1 NC CSSD 200A-400A (DM)	3/4P	CSSDZX37				
2 NO + 2 NC CSSD 200A-400A (DM)	3/4P	CSSDZX38				
1 NO + 1 NC CSSD 630A-800A	3/4P	⊠CSSDZX33				
2 NO + 2 NC CSSD 630A-800A	3/4P	⊠CSSDZX34				
1 NO + 1 NC CSSD 1000A-3150A	3/4P	CSSDZX35				
2 NO + 2 NC CSSD 1000A-3150A	3/4P	⊠CSSDZX36				
Handle Mounting Kit (for independent mounting of O/E Switches)						
CSSD 200A-400A (DM Type)	HMK-2			2310		
CSSD 630A-800A	HMK-1-1			2330		
CSSD 1000A-1600A	HMK-3-1			2490		
Extended Terminals						
125A	3P	ET-325	830	4P	ET-326	900
100A-160A	3P	ET-327	1480	4P	ET-328	2110
200A-400A	3P	ET-329	4320	4P	ET-330	5270
Rotary Knob Handles						
CSSD 25A-125A (Moulded-Red/Yellow)	⊠CSSDZX108			570		
CSSD 25A-125A (Moulded-Black)	CSSDZX111BL					
Switch Handles						
CSSD 400A-800A (K Type)	CSWH145S12			1630		
CSSD 1000A-1600A (Moulded)	CSWH220S12			2080		
CSSD 2500A-3150A (Metallic)	CSDA8			2450		
CSSD 125A-160A (DM Type)	CSWH80S6			940		
CSSD 200A-400A (DM Type)	⊠CSWH80S8					
Switch Handle Shaft						
CSSD 25A-125A	⊠CSP5X70			650		
CSSD 125A-160A (DM)	CAP6X165			420		
CSSD 200A-400A (DM)	⊠CSP8X240					
CSSD 630A-1600A	CSP12X255			730		
CSSD 2500A-3150A	CSP12X325			890		

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	7930
	Frame 1	100	4	CSCS100NM4CO	10530
	Frame 2	125	4	CSCS125NM4CO	15380
	Frame 2	160	4	CSCS160NM4CO	16910
	Frame 2	200	4	CSCS200NM4CO	20330
	Frame 2	250	4	CSCS250NM4CO	30520
DM-Series	Frame 2	315	4	CSCS315DM4CO	31810
	Frame 2	400	4	CSCS400DM4CO	46610
K-Series	Frame 3	630	4	CSCS630K4CO	54390
	Frame 3	800	4	CSCS800K4CO	77380
P-Series	Frame 4 New	1000	4	CSCS1000SB4CO	123200
	Frame 4	1000	4	⊠CSCS1000P4CO	137460
	Frame 4	1250	4	⊠CSCS1250P4CO	185840
	Frame 4	1600	4	⊠CSCS1600P4CO	235370
	Frame 5	2000	4	⊠CSCS2000P4CO	340120
	Frame 5	2500	4	⊠CSCS2500P4CO	450580
	Frame 5	3150	4	⊠CSCS3150P4CO	620980

In Sheet Steel Enclosure [HSN Code: 8536]

	Size	Rating (Amps)	Pole	Reference	MRP (₹)
NM -Series	Frame 1	63	4	E-CSCS63NM4CO	11150
	Frame 1	100	4	E-CSCS100NM4CO	14030
	Frame 2	125	4	E-CSCS125NM4CO	20460
	Frame 2	160	4	E-CSCS160NM4CO	22270
	Frame 2	200	4	E-CSCS200NM4CO	25770
	Frame 2	250	4	E-CSCS250NM4CO	38970
DM-Series	Frame 2	315	4	E-CSCS315DM4CO	40260
	Frame 2	400	4	E-CSCS400DM4CO	59290
K-Series	Frame 3	630	4	E-CSCS630K4CO	68260
	Frame 3	800	4	E-CSCS800K4CO	101810
P-Series	Frame 4	1000	4	E-CSCS1000SB4CO	158960
	Frame 4	1000	4	⊠E-CSCS1000P4CO	177370
	Frame 4	1250	4	⊠E-CSCS1250P4CO	230140
	Frame 4	1600	4	⊠E-CSCS1600P4CO	299310
	Frame 5	2000	4	⊠E-CSCS2000P4CO	422480
	Frame 5	2500	4	⊠E-CSCS2500P4CO	540600
	Frame 5	3150	4	⊠E-CSCS3150P4CO	732760

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	800
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	21320
	80	4	CSBS80DM4	26040
	100	4	CSBS100DM4	27160
	125	4	CSBS125DM4	29880
	160	4	CSBS160DM4	35320
Frame 2	200	4	CSBS200DM4	36100
	250	4	CSBS250DM4	54950
	315	4	CSBS315DM4	57040
	400	4	CSBS400DM4	80560
Frame 3	630	4	CSBS630K4	96380
	800	4	☒CSBS800K4	120890
Frame 4	1000	4	☒CSBS1000P4	225460
	1250	4	☒CSBS1250P4	309650
	1600	4	☒CSBS1600P4	415470

In Sheet Steel Enclosure				[HSN Code: 8536]
Size	**Rating (Amps)**	**Pole**	**Reference**	**MRP (₹)**
Frame 1	63	4	☒E-CSBS63DM4	30350
	80	4	E-CSBS80DM4	32500
	100	4	☒E-CSBS100DM4	33350
	125	4	☒E-CSBS125DM4	38000
	160	4	☒E-CSBS160DM4	41010
Frame 2	200	4	☒E-CSBS200DM4	46380
	250	4	☒E-CSBS250DM4	66670
	315	4	E-CSBS315DM4	71320
	400	4	E-CSBS400K4	99800
Frame 3	630	4	E-CSBS630K4	114100
	800	4	☒E-CSBS800K4	169030
Frame 4	1000	4	☒E-CSBS1000P4	278420
	1250	4	☒E-CSBS1250P4	375880
	1600	4	☒E-CSBS1600P4	505770

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.

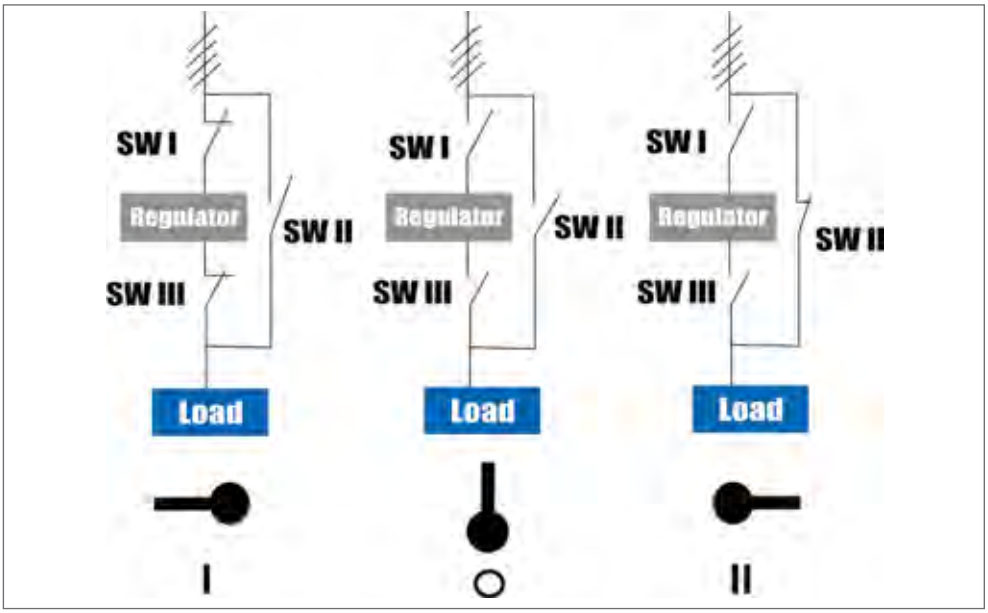
Accessories for Changeover -Type DM/K/P

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	880
1NO+1NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	☒CSCSZX1-L	880
2NO+2NC	CSCS/CSBS 63A-160A Upper CSCF 125A-160A	1	☒CSCSZX3-U	1710
2NO+2NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	CSCSZX3-L	1710
1NO+1NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSZX2	1760
2NO+2NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSZX4	3410

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 chasis 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 chasis 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:

1. Shorting Links/Busbars NOT provides with open execution in conventional type Changeover Switches Enclosure Prices on request.
2. '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.

Off-Load Changeover Switches **[HSN Code: 8536]**

Reference	Rating (Amps)	Pole	Rated Voltage	MRP (₹)
CSCSOF32CO2	32	2	240 V	2710
CSCSOF63CO2	63	2	240 V	5760
CSCSOF32CO4	32	4	415 V	4470
CSCSOF63CO4	63	4	415 V	9140
CSCSOF100CO4	100	4	415 V	20280
CSCSOF200CO4	200	4	415 V	29310
CSCSOF315CO4	315	4	415 V	35880
CSCSOF400CO4	400	4	415 V	39850





Switch Fuse Unit: Rewirable with Side Handle **[HSN Code: 8536]**

Reference	Rating (Amps)	Pole	Rated Voltage	MRP (₹)
⊠CSRW16P1NS	16	SPN	240 V	1080
⊠CSRW32P1NS	32	SPN	240 V	2640
⊠CSRW16P2S	16	DP	240 V	1100
CSRW32P2S	32	DP	240 V	2940
CSRW32P3NS	32	TPN	415V	4400
CSRW63P3NS	63	TPN	415V	8750
CSRW100P3NS	100	TPN	415V	17540
CSRW200P3NS	200	TPN	415V	23320

www.cselectric.co.in



Automatic Transfer Switch

CATS

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:

- Airport and Railways
- IT Malls and Commercial buildings
- Automobile Industries
- Data Centre and Telecommunications
- Oil and Gas Industries
- Manufacturing Industry
- Healthcare
- Banking and Finance

Automatic Transfer Switch New

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



Size	Rating	Pole	Reference	MRP (₹)
Frame-1	40A	4	CATS1F40A■	63650
	63A	4	CATS1F63A■	65130
Frame-2	100A	4	CATS2F100A■	68180
	125A	4	CATS2F125A■	72700
Frame-3	160A	4	CATS3F160A■	77980
Frame-4	200A	4	CATS4F200A■	104020
	250A	4	CATS4F250A■	111380
Frame-5	315A	4	CATS5F315A■	131340
	400A	4	CATS5F400A■	132920
	630A	4	CATS5F630A■	173050
Frame-6	800A	4	CATS6F800A■	POR
	1000A	4	CATS6F1000A■	POR
	1250A	4	CATS6F1250A■	POR
	1600A	4	CATS6F1600A■	POR
Frame-7	2000A	4	CATS7F2000A■	POR
	2500A	4	CATS7F2500A■	POR
	3200A	4	CATS7F3200A■	POR

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

Ordering Information

CATS	1F	40A	–	–
Series	Frame Size	Current Rating		
	1F-Frame1	40A, 63A, 80A		
	2F-Frame2	100A, 125A		
	3F-Frame3	160A		
	4F-Frame4	200A, 250A		
	5F-Frame5	315A, 400A, 630A		
	6F-Frame6	800A, 1000A, 1250A, 1600A		
	7F-Frame7	2000A, 2500A, 3200A		
				T (Top Incoming, Bottom Outgoing)
				B (Bottom Incoming, Top Outgoing)

Motorised Transfer Switch - Remotley operated				
Size	**Rating**	**Pole**	**Reference**	**MRP (₹)**
Frame-1	40A	4	CMTS1F40A	38190
	63A	4	CMTS1F63A	39080
Frame-2	100A	4	CMTS2F100A	40910
	125A	4	CMTS2F125A	58160
Frame-3	160A	4	CMTS3F160A	62380
Frame-4	200A	4	CMTS4F200A	83220
	250A	4	CMTS4F250A	89100
Frame-5	315A	4	CMTS5F315A	124770
	400A	4	CMTS5F400A	126270
	630A	4	CMTS5F630A	164400
Frame-6	800A	4	CMTS6F800A	POR
	1000A	4	CMTS6F1000A	
	1250A	4	CMTS6F1250A	
	1600A	4	CMTS6F1600A	
Frame-7	2000A	4	CMTS7F2000A	
	2500A	4	CMTS7F2500A	
	3200A	4	CMTS7F3200A	

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 (ISI Mark)				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	MOQ
00	6, 10, 16, 20, 25, 32, 35	CDFL00*	420	3
	40, 50, 63	CDFL00*	420	
	80, 100	CDFL00*	430	
	125, 160	CDFL00*	440	
1	32, 35, 50, 63	CDFL01*	740	
	80, 100, 125	CDFL01*	800	
	160	CDFL01*	800	
	200	CDFL1*	820	
	250	CDFL1*	900	
2	100, 125	CDFL02*	1160	
	160, 200	CDFL02*	1180	
	250	CDFL02*	1180	
	315	CDFL2*	1240	
	400	CDFL2*	1300	
3	315, 400	CDFL03*	1650	
	500	CDFL3*	1990	
	630	CDFL3*	1990	

While ordering, replace "*" by current rating.



Fuse Bases for DIN Type Fuse Link (ISI Mark)				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	MOQ
00	160	CSDFB00	500	3
1	250	CSDFB1	910	
2	400	CSDFB2	1350	
3	630	CDFB3	2200	



Solid Link				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	MOQ
00	160	CDSL00	620	3
1	250	CDSL1	820	
2	400	☒CDSL2	1130	
3	630	☒CDSL3	1380	

Bolted Type HRC Fuse Link





Off Set TAG Type				[HSN Code: 8536]
IS/IEC Size	Rating (Amps)	Reference	MRP (₹)	MOQ
A1	2, 4, 6, 8, 10, 12 & 16	CNIT*	100	20
	20, 25, & 32	CNIT*		
A2	4, 6,10,16, 20, 25 & 32	CSTIA*	150	20
A3	32, 40, 50 & 63	CSTIS*	210	10
A4	50, 63, 80, 100, 125	CTCP*	400	6
-	125, 160, 200	CTFP*	580	3

CNS (Off Set) clip in Type				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	MOQ
F1	2, 4, 6, 8,10,12,16	CNS*	100	20
F1	20, 25, 32	CNS*	100	20

☒non stockable items.
MOQ-Minimum Order Quantity.

Bolted Type HRC Fuse Link



Central TAG (2 hole fixing) Type				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	MOQ
B1	80, 100	CTC*	430	6
B1	125	CTC*	430	
B2	125, 160, 200	CTF*	630	3
B3	250, 300, 315	CTKF*	910	1
B4	355, 400	CTMF*	1760	

☒non stockable items. MOQ-Minimum Order Quantity.

HRC Fuse Link, Fuse Base & Fuse Holder



Central TAG (4 Hole Fixing) Type				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	MOQ
C1	355, 400	☒CTM*	1680	1
C2	450, 500	☒CTTM*	2780	
C2	630	CTTM*	3590	
C3	670, 710, 750, 800	☒CTLM*	3820	



Cylindrical HRC Fuse Link				[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	MOQ
(14*51)	2, 4, 6, 8 & 10	CHF*	200	20
(14*51)	16, 20 & 25	CHF*	200	
(14*51)	32 & 40	CHF*	210	
(14*51)	50	CHF*	390	
(14*51)	63	CHF*	410	
(10*38)	2, 4, 6, 8,10 & 16	CGF*	80	20
(10*38)	20 & 25	CGF*	90	
(10*38)	32	CGF*	90	



HRC Fuse Holder for Bolted Type Fuse Link							[HSN Code: 8536]
IS/IEC Size	In A	Reference	MRP (₹)	MOQ	Reference	MRP (₹)	MOQ
F1	20	CNS20H	220	10	-	-	-
F1	32	CNS32H	250	10	-	-	-
A2	32	CSM32H	450	10	-	-	-
A3	63	CSM63H	530	5	-	-	-
A4	100	-	-	-	CSM100H*	1550	3
A4	100	-	-	-	CSM100B*	1740	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 (₹)	MOQ
14 x 51	32	CHO32R	240	10
14 x 51	63	CHC63R	300	

Fuse Puller (for DIN type Fuse Link 6~630Amp)		[HSN Code: 8536]
Reference	MRP (₹)	MOQ
CDFH003	440	1



Porcelain Rewirable Fuse Holder (Kit-Kat)				[HSN Code: 8536]
Reference	Rating (Amps)	Fuse Wire Size (Max.)	MRP (₹)	MOQ
CSKTRW32	32	22SWG	390	3
CSKTRW63	63	18SWG	680	
CSKTRW100	100	14SWG	1190	

LIGHTING TRUNKING

LB Series



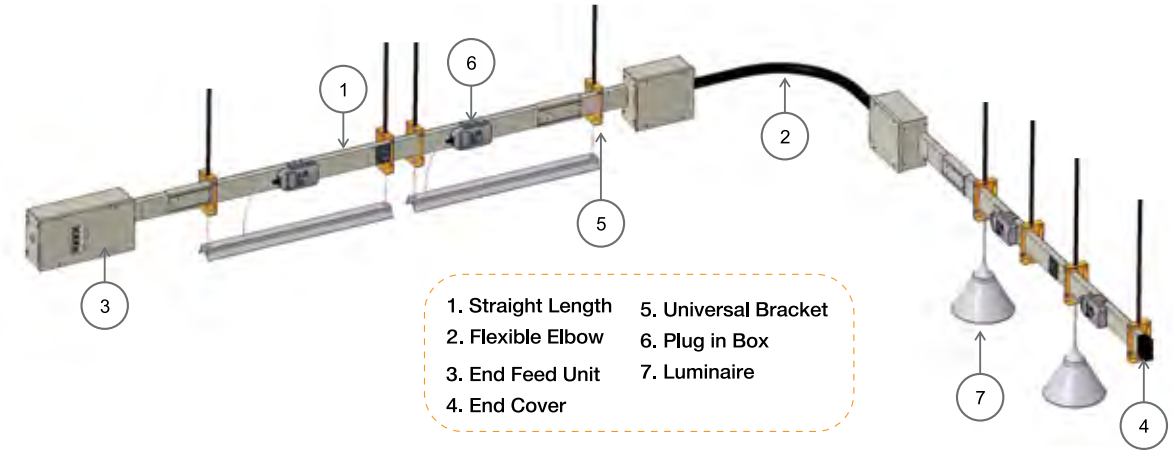
Features:

- 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 - LB Series

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

Type	Description	Reference	UOM	MRP (₹)
Straight length	Straight length 1 meter with 1 PIP 2 Pole, 25A.	LBC252BG5S1P1	NOS	1940
	Straight length 1 meter with 1 PIP 4 Pole, 25A.	LBC254BG5S1P1	NOS	2620
	Straight length 1 meter with 1+1 PIP 4+2 Pole, 25A.	LBC256BG5S2P1	NOS	4520
	Straight length 1 meter with 1+1 PIP 4+4 Pole, 25A.	LBC258BG5S2P1	NOS	5140
	Straight length 1 meter with 1 PIP 2 Pole, 40A.	LBC402BG5S1P1	NOS	2300
	Straight length 1 meter with 1 PIP 4 Pole, 40A.	LBC404BG5S1P1	NOS	3340
	Straight length 1 meter with 1+1 PIP 4+2 Pole, 40A.	LBC406BG5S2P1	NOS	5640
	Straight length 1 meter with 1+1 PIP 4+4 Pole, 40A.	LBC408BG5S2P1	NOS	6680
	Straight length 3 meter with 3 PIP 2 Pole, 25A.	LBC252BG5S1P3	NOS	5060
	Straight length 3 meter with 3 PIP 4 Pole, 25A.	LBC254BG5S1P3	NOS	6860
	Straight length 3 meter with 3+3 PIP 4+2 Pole, 25A.	LBC256BG5S2P3	NOS	11900
	Straight length 3 meter with 3+3 PIP 4+4 Pole, 25A.	LBC258BG5S2P3	NOS	13720
	Straight length 3 meter with 3 PIP 2 Pole, 40A.	LBC402BG5S1P3	NOS	6320
	Straight length 3 meter with 3 PIP 4 Pole, 40A.	LBC404BG5S1P3	NOS	9120
	Straight length 3 meter with 3+3 PIP 4+2 Pole, 40A.	LBC406BG5S2P3	NOS	15380
	Straight length 3 meter with 3+3 PIP 4+4 Pole, 40A.	LBC408BG5S2P3	NOS	18220
Flexible Elbow	Flexible Elbow 1 meter, 2/4 Pole, 25/40A	LBC404BG5FXE1	NOS	9740
	Flexible Elbow 1 meter, 4+2/4+4 Pole, 25/40A	LBC408BG5FXE1	NOS	13400
	Flexible Elbow 3 meter, 2/4 Pole, 25/40A	LBC404BG5FXE3	NOS	14700
	Flexible Elbow 3 meter, 4+2/4+4 Pole, 25/40A	LBC408BG5FXE3	NOS	23300
End Feed Unit	End Feed Unit LHS (Direct), 2/4 Pole, 25/40A.	LBC404BG5EFDL	NOS	4460
	End Feed Unit LHS (Direct), 4+2/4+4 Pole, 25/40A.	LBC408BG5EFDL	NOS	5820
	End Feed Unit LHS (with MCB Provision), 2/4 Pole, 25/40A.	LBC404BG5EFSL	NOS	5900
	End Feed Unit LHS (with MCB Provision), 4+2/4+4 Pole, 25/40A.	LBC408BG5EFSL	NOS	7260
Center Feed unit	Center Feed Unit (Direct), 2/4 Pole, 25/40A.	LBC404BG5CFDS	NOS	10920
	Center Feed Unit (Direct), 4+2/4+4 Pole, 25/40A.	LBC408BG5CFDS	NOS	14580
	Center Feed Unit (with MCB Provision), 2/4 Pole, 25/40A.	LBC404BG5CFSS	NOS	11360
	Center Feed Unit (with MCB Provision), 4+2/4+4 Pole, 25/40A.	LBC408BG5CFSS	NOS	15020
End Cover	End Cover 2/4 Pole, RHS.	LBEC1R	NOS	240
	End Cover 2/4 Pole, LHS.	LBEC1L	NOS	280
	End Cover 4+2/4+4 Pole, RHS.	LBEC2R	NOS	300
	End Cover 4+2/4+4 Pole, LHS.	LBEC2L	NOS	320
Universal Bracket	Universal Bracket 2/4 Pole.	LBHB1U	NOS	360
	Universal Bracket 4+2/4+4 Pole .	LBHB2U	NOS	400
Plug in Box	Plug in Box (Direct), 2 Pole, 16A	LB12BP5D16	NOS	720
	Plug in Box (Direct), 4 Pole, 16A	LB14BP5D16	NOS	860
	Plug in Box (with fuse), 2 Pole, 6A	LB12BP5F06	NOS	900
	Plug in Box (with fuse), 4 Pole, 6A	LB14BP5F06	NOS	1220
	Plug in Box (with fuse), 2 Pole, 16A	LB12BP5F16	NOS	900
	Plug in Box (with fuse), 4 Pole, 16A	LB14BP5F16	NOS	1220



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Power Control Components



MPCBs ■ Power Contactors ■ Mini Contactors

Overload Relays ■ Industrial Plugs & Sockets

Control & Signalling Devices ■ Motor Starters

C&S electric

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TOGGLE TYPE / ROTARY TYPE



CE

Motor Protection Circuit Breaker

- 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 rating mounting

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Motor Protection Circuit Breaker

- 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 rating mounting



New

exceeD Motor Protection Circuit Breaker - Toggle Type [HSN Code: 8536]

Frame	Power Rating 3-Ph motors AC3-Duty 415V, 50/60HZ	Adjustable Range (Amp)	Breaking Capacity(kA) 415V, 50HZ	Reference	MRP (₹)	MOQ
	KW		With Overload & Short Circuit Protection			
32AF	-	0.1~0.16	100	TCMS-32SE-0.16	3890	1
	-	0.16~0.25	100	TCMS-32SE-0.25	3890	
	-	0.25~0.40	100	TCMS-32SE-0.4	3890	
	-	0.40~0.63	100	TCMS-32SE-0.63	4110	
	-	0.63~1	100	TCMS-32SE-1	4110	
	-	1~1.6	100	TCMS-32SE-1.6	4110	
	0.75	1.6~2.5	100	TCMS-32SE-2.5	4110	
	1.5	2.5~4	100	TCMS-32SE-4	4320	
	2.2	4~6.3	100	TCMS-32SE-6.3	4350	
	4	6~10	100	TCMS-32SE-10	4480	
	5.5	9~14	100	TCMS-32SE-14	5110	
	9	13~18	100	TCMS-32SE-18	5910	
	11	17~23	50	TCMS-32SE-23	5910	
	11	20~25	50	TCMS-32SE-25	6260	
	15	24~32	50	TCMS-32SE-32	11550	

Accessories [HSN Code: 8538]

Description	Configuration	Model	MRP (₹)	MOQ
Front mounted (1Pc) Aux Contact	1NO+1NC	TFXE11	820	1
Front mounted (1Pc) Aux Contact	2NO	TFXE20	820	
Left Side Mounted (2Pc) Aux Contact	1NO+1NC	TLXE11	990	
Left Side Mounted (2Pc) Aux Contact	2NO	TLXE20	990	
Side mounted (1pc) Short circuit signal contact	NO	TLAME11	1620	
Fault signal contact + Aux Contact, Left Side mounted (1Pc.)	2NO	TLAXE1010	1080	
	1NO+1NC	TLAXE1001		
	1NC + 1NO	TLAXE0110		
	2NC	TLAXE0101		
Under Voltage (1 pc) Right side Mounted	110-127V50HZ	TRUE110-127V50HZ	2110	
	220-240V50HZ	TRUE220-240V50HZ		
	380-415V50HZ	TRUE380-415V50HZ		
Shunt Trip (1pc) Right side Mounted	110-127V50HZ	TRSE110-127V50HZ	2110	
	220-240V50HZ	TRSE220-240V50HZ		
	380-415V50HZ	TRSE380-415V50HZ		

exceeD

Motor Protection Circuit Breaker



New **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	4100	0.1~0.16	TCMS-32HR-0.16	4190
	0.06	0.25		TCMS-32HIR-0.25	4100	0.16~0.25	TCMS-32HR-0.25	4190
	0.09	0.4		TCMS-32HIR-0.4	4100	0.25~0.4	TCMS-32HR-0.4	4190
	0.12	0.63		TCMS-32HIR-0.63	4100	0.4~0.63	TCMS-32HR-0.63	4190
	0.25	1		TCMS-32HIR-1	4100	0.63~1	TCMS-32HR-1	4190
	0.55	1.6		TCMS-32HIR-1.6	4720	1~1.6	TCMS-32HR-1.6	4810
	0.75	2.5		TCMS-32HIR-2.5	4720	1.6~2.5	TCMS-32HR-2.5	4810
	1.5	4		TCMS-32HIR-4	4720	2.5~4	TCMS-32HR-4	4810
	2.2	6.3		TCMS-32HIR-6.3A	4720	4~6.3	TCMS-32HR-6.3	4810
	4	10		TCMS-32HIR-10A	4720	6.3~10	TCMS-32HR-10	4810
	9	16	50kA	TCMS-32HIR-16A	4940	10~16	TCMS-32HR-16	6080
	9	20		TCMS-32HIR-20A	5340	16~20	TCMS-32HR-20	6080
	12.5	25		TCMS-32HIR-25A	5340	20~25	TCMS-32HR-25	6450
	15	32		TCMS-32HIR-32A	7370	25~32	TCMS-32HR-32	11800
63AF	7.5	16		TCMS-63HIR-16	10580	11-16	TCMS-63HR-16	10800
	7.5	20		TCMS-63HIR-20	10580	14-20	TCMS-63HR-20	10800
	11	25		TCMS-63HIR-25	10580	18-25	TCMS-63HR-25	10800
	15	32		TCMS-63HIR-32	18300	22-32	TCMS-63HR-32	18510
	18	40		TCMS-63HIR-40	18300	28-40	TCMS-63HR-40	18510
	18	45		TCMS-63HIR-45	18300	36-45	TCMS-63HR-45	18510
	22	50		TCMS-63HIR-50	19400	40-50	TCMS-63HR-50	19660
	30	63		TCMS-63HIR-63	19400	45-63	TCMS-63HR-63	19660

exceeD

Motor Protection Circuit Breaker

ACCESSORIES			[HSN Code: 8538]
Description	**Configuration**	**Reference**	**MRP (₹)**
Front Mounted Auxiliary contacts	1NO+1NC	TFXR11	840
Left Side Mounted Auxiliary contacts	2NC	TFXR02	1190
Left Side Mounted Auxiliary contacts	1NO+1NC	TLXR11	1190
Left Side Mounted Auxiliary contacts	2NO	TLXR02	1190
Left Side Mtd Trip ind Aux con (1NC/1NO for OL and 1NO/1NC for SC) for 32AF	1NO+1NC	TLAR3211	2070
Left Side Mtd Trip ind Aux con (1NC/1NO for OL and 1NO/1NC for SC) for 63AF	1NO+1NC	TLAR6311	2160
MPCB Enclosure Frame 32AF	For TCMS-32HIR / 32HR	EPH32HRBG	3130
Extended RotaryHandle -32AF-IP65	For TCMS-32HIR / 32HR	MEH32HR-GB	1500
Extended Rotary Handle -63AF-IP65	For TCMS-63HIR / 63HR	MEH63HR-GB	1590
Shunt Release 32AF / 63AF (Right Side Mounting)	20 ~ 24V 50/60Hz	TRSR20~24V 50/60Hz	2070
	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	2070
	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	

Motor Protection Circuit Breaker

Conforming IS/IEC 60947-1, IS/IEC 60947-2, IS/IEC 60947-4-1

TCMS-Model - Thermal Magnetic [HSN Code: 8536]

■ Adjustable thermal release ■ Magnetic release 13XIe Max. ■ Trip class 10 ■ Ambient temperature compensation ■ Phase failure protection

Frame	Power Rating 3-PhMotors AC3-duty 415V, 50Hz	Adjustable range (Amp)	Breaking Capacity (kA) 415V, 50Hz	Reference	MRP (₹)	Breaking Capacity (kA) 415V, 50Hz	Reference	MRP (₹)	MOQ
	kW		Standard Model/ Toggle Switch			High Breaking Capacity / Rotary Handle			
32AF	0.02	0.1~0.16	100	☒TCMS-32S~0.16	POR	100	TCMS-32H~0.16	POR	1
	0.06	0.16~0.25	100	☒TCMS-32S~0.25		100	☒TCMS-32H~0.25		
	0.09	0.25~0.4	100	TCMS-32S~0.4		100	☒TCMS-32H~0.4		
	0.12	0.4~0.63	100	TCMS-32S~0.63		100	☒TCMS-32H~0.63		
	0.25	0.63~1	100	TCMS-32S~1		100	TCMS-32H~1		
	0.55	1~1.6	100	TCMS-32S~1.6		100	TCMS-32H~1.6		
	0.75	1.6~2.5	100	TCMS-32S~2.5		100	TCMS-32H~2.5		
	1.5	2.5~4	100	TCMS-32S~4		100	TCMS-32H~4		
	2.2	4~6	100	TCMS-32S~6		100	TCMS-32H~6		
	3	5~8	100	TCMS-32S~8		100	TCMS-32H~8		
	4	6~10	50	TCMS-32S~10		100	TCMS-32H~10		
	5.5	9~13	50	TCMS-32S~13		100	TCMS-32H~13		
	7.5	11~17	20	TCMS-32S~17		50	TCMS-32H~17		
	7.5	14~22	15	TCMS-32S~22		50	TCMS-32H~22		
	11	18~26	15	TCMS-32S~26		50	TCMS-32H~26		
	15	22~32	15	TCMS-32S~32		50	TCMS-32H~32		
63AF	18.5	28~40	-	-		50	TCMS-63H~40	20190	
	22	34~50	-	-		50	TCMS-63H~50	23400	
	30	45~63	-	-		50	TCMS-63H~63	24970	
100AF	37	55~75	-	-		75	☒TCMS-100H~75	25130	
	45	70~90	-	-		75	☒TCMS-100H~90	25160	
	45	80~100	-	-		75	☒TCMS-100H~100	25380	

TCMS-Model - Magnetic (Short Circuit Protection only) [HSN Code: 8536]

■ Without thermal release ■ Magnetic release 13 X Ie Max.

Frame	Breaking Capacity (kA) at 415V, 50Hz	Power Rating 3-Ph Motors AC3 duty 415V, 50Hz	Rated Operational Current Ie (A)	Reference	MRP (₹)	MOQ
		kW				
32AF	100	0.02	0.16	TCMS-32HI~0.16	POR	1
	100	0.06	0.25	TCMS-32HI~0.25		
	100	0.09	0.4	☒TCMS-32HI~0.4		
	100	0.12	0.63	☒TCMS-32HI~0.63		
	100	0.25	1	TCMS-32HI~1		
	100	0.55	1.6	☒TCMS-32HI~1.6		
	100	0.75	2.5	☒TCMS-32HI~2.5		
	100	1.5	4	☒TCMS-32HI~4		
	100	2.2	6	☒TCMS-32HI~6		
	100	3	8	☒TCMS-32HI~8		
	100	4	10	☒TCMS-32HI~10		
	100	5.5	13	☒TCMS-32HI~13		
	50	7.5	17	☒TCMS-32HI~17		
	50	7.5	22	☒TCMS-32HI~22		
	50	11	26	☒TCMS-32HI~26		
	50	15	32	☒TCMS-32HI~32		
63AF	50	18.5	40	☒TCMS-63HI~40	16240	
	50	22	50	☒TCMS-63HI~50	18810	
	50	30	63	☒TCMS-63HI~63	18960	
100AF	75	37	75	TCMS-100HI~75	20170	
	75	45	90	☒TCMS-100HI~90	20780	
	75	45	100	TCMS-100HI~100	20780	

☒ Non Stockable item

Motor Protection Circuit Breaker

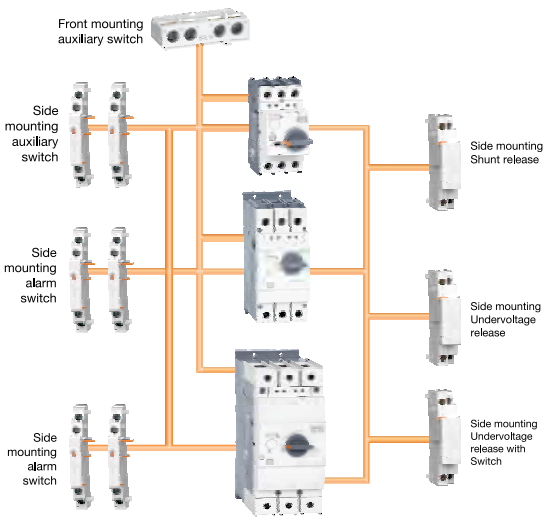
GLOBAL CERTIFICATION

Conforming IS/IEC 60947-1, IS/IEC 60947-2, IS/IEC 60947-4-1

Accessories **[HSN Code: 8538]**

Description	Configuration	Model	MRP (₹)	MOQ
Auxiliary switch for front mounting	1NO+1NC	TFX11 (32A)	960	
	1NO+1NC	TFX11		
	2NC	TFX02		
	2NO	TFX20		
Auxiliary switch for front side mounting on the left	1NO+1NC	TLX11	1160	
	2NC	☒TLX02		
	2NO	☒TLX20		
Any trip alarm switch for side mounting on the left (TCMS-32)	1NO+1NC	TLA11	1470	
	2NC	TLA02		
Any trip alarm switch for side mounting on the left (TCMS-63~100)	1NO+1NC	TLA11(63-100)		
	2NC	TLA02(63-100)		
Magnetic trip alarm switch for side mounting on the left	1NO+1NC	☒TLAM11	1520	
Shunt release for side mounting on the right	110~127V50Hz	☒TRS110~127V50Hz	2450	1
	220~230V50Hz	☒TRS220~230V50Hz		
	415~440V50Hz	TRS415~440V50Hz		
Undervoltage release for side mounting on the right	110~127V50Hz	TRU110~127V50Hz		
	220~230V50Hz	☒TRU220~230V50Hz		
	415~440V50Hz	TRU415~440V50Hz		
Undervoltage release with switch for side mounting on the right	110~127V50Hz	TRUX110~127V50Hz	2510	
	220~230V50Hz	☒TRUX220~230V50Hz		
	415~440V50Hz	TRUX415~440V50Hz		
Insulation Barrier (for TCMS-100H/100HI only)		☒TIB100	760	
Adaptor kit for MPCB + Mini Contactors	TCMS-32S+TC1M06-16	TDA-16SA		
	TCMS-32S+TP1M06-16	TDA-16SD		
	TCMS-32H/32HI+TC1M06-16	TDA-16HA		
	TCMS-32H/32HI+TP1M06-16	☒TDA-16HD		
Busbar	2 Point	PB322	1260	
		PB632		
	3 Point*	☒PB323	1460	
		PB633		
MPCB Enclosure (IP 65 Category)	For TCMS-32H/HI	EPH32-65S	2080	
Extended Handle (Door Mounting with Door Interlock, Defeat Interlock & Padlock)	**Extension Shaft 115mm**			
	TCMS-32H/HI	MEH32-115	1780	1
	TCMS-63H/HI	☒MEH63-115		
	TCMS-100H/HI	☒MEH100-115		
	Extension Shaft 315mm			
	TCMS-32H/HI	MEH32-315	2130	1
	TCMS-63H/HI	☒MEH63-315		
	TCMS-100H/HI	☒MEH100-315		





☒ Non Stockable item

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Contactor 9A~800A



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



GLOBAL CERTIFICATION

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Contactor [HSN Code: 8536]

AC1 Duty (A)	AC3 415V Long life			Auxilary Contacts	Reference	MRP (₹)	MOQ
	kW	HP	A				
25	2.2	3	7	1 NO+1NC	TC1D0711■	1770	1
25	4	5.5	9	1 NO+1NC	TC1D0911■	1940	
25	5.5	7.5	12	1 NO+1NC	TC1D1211■	2070	
32	9	12	18	1 NO+1NC	TC1D1811■	2480	
40	11	15	25	1 NO+1NC	TC1D2511■	3150	
50	15	20	32	1 NO+1NC	TC1D3211■	6690	
50	18.5	25	38	1 NO+1NC	TC1D3811■	9270	

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

For Contactor	Reference	MRP (₹)	MOQ
TC1-D0711	TA5-D0711	1340	1
TC1-D0911	TA5-D0911	1340	
TC1-D1211	TA5-D1211	1340	
TC1-D1811	TA5-D1811	1540	
TC1-D2511	TA5-D2511	1990	
TC1-D3211	TA5-D3211	3790	
TC1-D3811	TA5-D3811	5590	

Coil Surge Suppressor [HSN Code: 8538]

Description	Voltage Ratings	Reference	MRP (₹)	MOQ
Varistor (AC/DC) Clip on mounting	12~55V 50/60Hz	TAD4VE	830	10
	56~136V 50/60Hz	TAD4VF	830	
	137~277V 50/60Hz	TAD4VU	830	
	278~575V 50/60Hz	TAD4VN	830	

Spare AC Coils for Contactor [HSN Code: 8538]

Use for Contactor	Reference	MRP (₹)	MOQ
TC1D07	TX1-D3■	840	1
TC1D09		840	
TC1D12		840	
TC1D18		840	
TC1D25		840	
TC1D32		840	
TC1D38		840	

Mechanical Interlocks-Horizontal Mounted [HSN Code: 8538]

Use of Contactor	Reference	MRP (₹)	MOQ
TC1D07~TC1D38	LA9-D09978	740	10

robusTa2 Contactor Coils [HSN Code: 8538]

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

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	3640	TA7D3264 MRP ₹500
30-38	30	22	TR2DM38355	38		

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

How to order:

i) Select applicable Coil Voltage required for Contactor.

ii) Complete the code by replacing the ■fom above.

iii) For common accessories please refer Page No. 81 & 82.

iv) MOQ- Minimum Order Quantity

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

Exceed M-range Contactor New

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	2NO+2NC	TCA2ME22■	1765	10	TCA3ME22■	2360	10
	3NO+1NC	TCA2ME31■			TCA3ME31■		
	1NO + 3NC	TCA2ME13■			TCA3ME13■		
	4NO	TCA2ME40■			TCA3ME40■		
	4NC	TCA2ME04■			TCA3ME04■		

■ Please specify Coil Voltage.

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■	1490	10	1NO	-	TP1ME0710■	2220	10
				-	1NC	TC1ME0701■			-	1NC	TP1ME0701■		
20	4	5.5	9	1NO	-	TC1ME0910■	1615		1NO	-	TP1ME0910■	2320	
				-	1NC	TC1ME0901■			-	1NC	TP1ME0901■		
22	5.5	7.5	12	1NO	-	TC1ME1210■	1720		1NO	-	TP1ME1210■	2540	
				-	1NC	TC1ME1201■			-	1NC	TP1ME1201■		
22	7.5	10	16	1NO	-	TC1ME1610■	2035		1NO	-	TP1ME1610■	2800	
				-	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	2060	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 ~ 4.A	TR2ME4A		
4 ~ 6.3A	TR2ME6.3A		
5.6 ~ 8A	TR2ME8A		
7 ~ 10A	TR2ME10A		
8 ~ 12.5A	TR2ME12.5A	2230	
10 ~ 15A	TR2ME15A		
11 ~ 17A	TR2ME17A		

Accessories

Add-On-Block				[HSN Code: 8538]
Contact Configuration		**Reference**	**MRP (₹)**	**MOQ**
Front Mounted	2 NO	TA1ME20	510	10
	1 NO+1 NC	TA1ME11		
	2 NC	TA1ME02		
	4 NO	TA1ME40	820	
	3 NO+1 NC	TA1ME31		
	2 NO+2 NC	TA1ME22		
	1 NO+3 NC	TA1ME13		
	4 NC	TA1ME04		

Mechanical Interlocks - Front Mounted				[HSN Code: 8538]
Use For Contactor		**Reference**	**MRP (₹)**	**MOQ**
AC	**DC**			
TC1ME07	TP1ME07	TA978MIME	685	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	725	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		

Mini Contactors

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



GLOBAL CERTIFICATION

cULus LISTED CE RoHS Compliant

Control Relays - 10 Amps **[HSN Code: 8536]**

Rated Current (Ith)	Contact Configuration	With AC Coil			With DC Coil		
		Reference	MRP (₹)	MOQ	Reference	MRP (₹)	MOQ
10	2NO+2NC	⊠TCA2-M22■	1950	10	⊠TCA3-M22■	2600	10
	3NO+1NC	⊠TCA2-M31■			⊠TCA3-M31■		
	4NO	⊠TCA2-M40■			⊠TCA3-M40■		
	1NO + 3NC	⊠TCA2-M13■			⊠TCA3-M13■		
	4NC	⊠TCA2-M04■			⊠TCA3-M04■		

■ Please specify Coil Voltage.

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
20	2.2	3	6	1NO	-	⊠TC1-M0610■	1680	10	1NO	-	⊠TP1-M0610■	2450	10
				-	1NC	⊠TC1-M0601■			-	1NC	⊠TP1-M0601■		
	4	5.5	9	1NO	-	⊠TC1-M0910■	1820		1NO	-	⊠TP1-M0910■	2550	
				-	1NC	⊠TC1-M0901■			-	1NC	⊠TP1-M0901■		
	5.5	7.5	12	1NO	-	⊠TC1-M1210■	1930		1NO	-	⊠TP1-M1210■	2800	
				-	1NC	⊠TC1-M1201■			-	1NC	⊠TP1-M1201■		
	7.5	10	16	1NO	-	⊠TC1-M1610■	2290		1NO	-	⊠TP1-M1610■	3090	
				-	1NC	⊠TC1-M1601■				1NC	⊠TP1-M1601■		

■ Please specify Coil Voltage.

Coil Voltage Codes for Mini Contactors & Control Relays

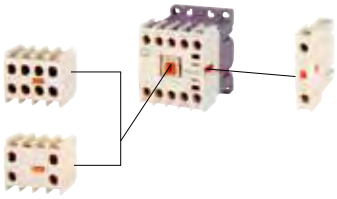
Contactor	Voltage				
	24	48	110	220	415
AC	B	E	F	M	N
DC	BD	ED	FD	MD	-

Overload Relays for Mini Contactors - Direct Mounting **[HSN Code: 8536]**

Relay Range (Amps)	Reference	MRP (₹)	MOQ	Independent Mounting Kit
0.10 - 0.16	TR2 - M0.14A	2270	1	Reference TA7-M0964 MRP (₹) 640 **[HSN Code: 8538]**
0.16 - 0.25	⊠TR2 - M0.21A			
0.25 - 0.4	TR2 - M0.33A			
0.4 - 0.63	TR2 - M0.52A			
0.63 - 1	TR2 - M0.82A			
1 - 1.6	TR2 - M1.3A			
1.6 - 2.5	TR2 - M2.1A			
2.5 - 4	TR2 - M3.3A			
4 - 6	TR2 - M5A			
5 - 8	⊠TR2 - M6.5A			
6 - 9	⊠TR2 - M7.5A			
7 - 10	TR2 - M8.5A			
9 - 13	TR2 - M11A	2460		
12 - 16	⊠TR2 - M14A			

⊠ Non Stockable item. MOQ- Minimum Order Quantity

Accessories



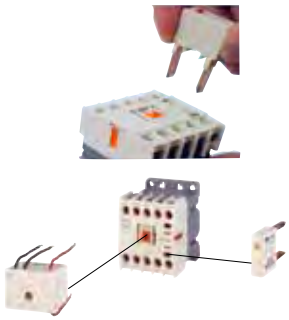
Add-On-Block				[HSN Code: 8538]
Contact Configuration		**Reference**	**MRP (₹)**	**MOQ**
Front Mounted	2 NO	TA1-M20	510	10
	1 NO+1 NC	TA1-M11		
	2 NC	TA1-M02		
	4 NO	TA1-M40	820	
	3 NO+1 NC	☒TA1-M31		
	2 NO+2 NC	TA1-M22		
	1 NO+3 NC	☒TA1-M13		
	4 NC	TA1-M04		
Side Mounted	1 NC	TA8-M01	500	
	1 NO	TA8-M10		



Mechanical Interlocks for Horizontally Mounted				[HSN Code: 8538]
Use For Contactor		**Reference**	**MRP (₹)**	**MOQ**
AC	**DC**			
TC1-MS06	TP1-MS06	☒TA9-M978	770	1
TC1-MS09	TP1-MS09			
TC1-MS12	TP1-MS12			
TC1-MS16	TP1-MS16			



Electronic Timer					[HSN Code: 8538]
Description	**Delay**	**Time**	**Voltage**	**Reference**	**MRP (₹)**
Front Mounting Electronic Timer	ON Delay	0.1~30Sec	AC / DC24~48V	☒TA2-M/ 1N	2480
	ON Delay	0.1~30Sec	AC110~220V	☒TA2-M/ 2N	
	OFF Delay	0.1~30Sec	AC / DC24~48V	TA3-M/ 1F	
	OFF Delay	0.1~30Sec	AC110~220V	TA3-M/ 2F	



Coil Suppressor				[HSN Code: 8538]
Description	**Voltage**	**Reference**	**MRP (₹)**	**MOQ**
Varistor	AC 24~48V	TA9-M980/1	810	10
	AC 60~127V	TA9-M980/2		
	AC 200~240V	☒TA9-M980/3		
	DC 12~24V	TA9-M980/4		
	DC 30~72V	TA9-M980/5		
	DC 100~127 V	TA9-M980/6		
	DC 200~250 V	TA9-M980/7		

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

ExceeD Contactor

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-1	25	2.2	3	6	1NO	TC1D0610E■	1320	-	-	-	1
					1NC	TC1D0601E■	1320	-	-	-	
		4	5.5	9	1NO	TC1D0910E■	1500	1NO	TP1D0910E■	2290	
					1NC	TC1D0901E■	1500	1NC	TP1D0901E■	2290	
		5.5	7.5	12	1NO	TC1D1210E■	1630	1NO	TP1D1210E■	2490	
					1NC	TC1D1201E■	1630	1NC	TP1D1201E■	2490	
	32	9	12.5	18	1NO	TC1D1810E■	1900	1NO	TP1D1810E■	2800	
					1NC	TC1D1801E■	1900	1NC	TP1D1801E■	2800	
Frame-2	40	11	15	25	1NO	TC1D2510E■	2620	1NO	TP1D2510E■	4070	
					1NC	TC1D2501E■	2620	1NC	TP1D2501E■	4070	
	50	15	20	32	1NO	TC1D3210E■	5570	1NO	TP1D3210E■	8300	
					1NC	TC1D3201E■	5570	1NC	TP1D3201E■	8300	
Frame-3	60	22	30	40	1NO+1NC	TC1D4011E■	7860	1NO+1NC	TP1D4011E■	12220	
	80	25	35	50	1NO+1NC	TC1D5011E■	9460	1NO+1NC	TP1D5011E■	12840	
		37	50	65	1NO+1NC	TC1D6511E■	13490	1NO+1NC	TP1D6511E■	18280	
	125	45	60	80	1NO+1NC	TC1D8011E■	17160	1NO+1NC	TP1D8011E■	23260	
		45	60	95	1NO+1NC	TC1D9511E■	20460	1NO+1NC	TP1D9511E■	27760	

ExceeD 4 Pole Power Contactor rating 12A~95A [HSN Code: 8536]

AC1 Duty A	Main Pole Configuration		Reference	MRP (₹)	MOQ
25	4NO	--	TC1D12004E ■	1830	5
	2NO	2NC	TC1D12008E ■	2320	
32	4NO	--	TC1D18004E ■	2120	
40	4NO	--	TC1D25004E ■	3100	
	2NO	2NC	TC1D25008E ■	4570	
60	4NO	--	TC1D40004E ■	8350	
	2NO	2NC	TC1D40008E ■	13170	
80	4NO	--	TC1D50004E ■	10550	
	2NO	2NC	TC1D50008E ■	14220	
	4NO	--	TC1D65004E ■	13570	
	2NO	2NC	TC1D65008E ■	15630	
125	4NO	--	TC1D80004E ■	17390	
	2NO	2NC	TC1D80008E ■	21320	
	4NO	--	TC1D95004E ■	21670	
	2NO	2NC	TC1D95008E ■	23270	

Wide band Coil available in 50 Hz only

Note: Stock for accessories are subject to availability

■ Non-Standard coil Extra MRP @ ₹ 180 per contactor

* Available from CR~38A Contactor only.

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

Contactor	Voltage						
TC1-D	24	48	110	220	235	240	415
50Hz	B5	E5	F5	M5	C5W*	U5	N5
50/60Hz	B7	E7	F7	M7	-	U7	N7

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

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

NOTE: 1. Add Suffix ■ Coil voltage to complete product code

2. 235 V (C5W) Coil available only upto 38 Amps (AC3) Contactors.
3. 22A, 38A & 45A current ratings also available on request. (MOQ - 50 Nos.)
4. For add-on accessories and spare coil refer Page No. 81 & 82.

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 415 V Long Life			With AC Coil		With DC Coil		MOQ
	kW	HP	A	Reference	MRP (₹)	Reference	MRP (₹)	
200	59	80	115	LC1FDP115AE ■	25040	LC1FDP115AE ■	30050	5
250	80	108	150	LC1FDP150AE ■	35550	LC1FDP150AE ■	42670	
275	100	136	185	LC1FDP185AE ■	41230	LC1FDP185AE ■	49480	
315	110	148	225	LC1FDP225AE ■	46610	LC1FDP225AE ■	55940	
350	140	190	265	LC1FDP265AE ■	55480	LC1FDP265AE ■	66580	
400	180	240	330	LC1FDP330AE ■	67500	LC1FDP330AE ■	81000	
500	220	300	400	LC1FDP400AE ■	79530	LC1FDP400AE ■	95450	
700	280	380	500	LC1FDP500AE ■	112580	LC1FDP500AE ■	135090	
1000	375	500	630	LC1FDP630AE ■	164660	LC1FDP630AE ■	197600	

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 ■	30820	LC1FDP1154AE■	POR	5
250	4 NO	LC1FDP1504AE ■	39510	LC1FDP1504AE■		
275	4 NO	LC1FDP1854AE ■	58320	LC1FDP1854AE■		
315	4 NO	LC1FDP2254AE ■	59050	LC1FDP2254AE■		
350	4 NO	LC1FDP2654AE ■	64290	LC1FDP2654AE■		
400	4 NO	LC1FDP3304AE ■	76190	LC1FDP3304AE■		
500	4 NO	LC1FDP4004AE ■	98250	LC1FDP4004AE ■		
700	4 NO	LC1FDPM5004AE ■	117900	LC1FDPM5004AE ■		
1000	4 NO	LC1FDP6304AE ■	233160	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 LCFDP630

robusTa Power Contactors

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



GLOBAL CERTIFICATION

RoHS Compliant

Control Relays - 10 Amps [HSN Code: 8536]

Rated Current(Ie) AC15 at 240V (Amps)	Contact Configuration	With AC Coil			With DC Coil		
		Reference	MRP (₹)	MOQ	Reference	MRP (₹)	MOQ
10	2NO + 2NC	TCA2-DN22■	1810	10	TCA3-DN22■	2820	10
	3NO + 1NC	TCA2-DN31■			TCA3-DN31■		
	4NO	TCA2-DN40■			TCA3-DN40■		

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

Size	AC1 Duty A	AC3 415 V Long Life			Auxiliary Contacts		With AC Coil		MOQ	Auxiliary Contacts		With DC Coil		MOQ
		kW	HP	A			Reference	MRP (₹)				Reference	MRP (₹)	
Frame 1	25	4	5.5	9	1NO	-	TC1-D0910 ■	1680		1NO	-	TP1-D0910 ■	2640	
					-	1NC	TC1-D0901 ■	1680		-	1NC	TP1-D0901 ■	2640	
		5.5	7.5	12	1NO	-	TC1-D1210 ■	1900		1NO	-	TP1-D1210 ■	2930	
					-	1NC	TC1-D1201 ■	1900		-	1NC	TP1-D1201 ■	2930	
	32	9	12.5	18	1NO	-	TC1-D1810 ■	2310		1NO	-	TP1-D1810 ■	3340	
					-	1NC	TC1-D1801 ■	2310		-	1NC	TP1-D1801 ■	3340	
		11	15	22	1NO	-	TC1-D2210 ■	2690		1NO	-	TP1-D2210 ■	4740	
					-	1NC	TC1-D2201 ■	2690		-	1NC	TP1-D2201 ■	4740	
Frame 2	40	11	15	25	1NO	-	TC1-D2510 ■	2950		1NO	-	TP1-D2510 ■	4920	
					-	1NC	TC1-D2501 ■	2950		-	1NC	TP1-D2501 ■	4920	
	50	15	20	32	1NO	-	TC1-D3210 ■	6060		1NO	-	TP1-D3210 ■	9530	
					-	1NC	TC1-D3201 ■	6060	1	-	1NC	TP1-D3201 ■	9530	1
		18.5	25	38	1NO	-	TC1-D3810 ■	8480		1NO	-	TP1-D3810 ■	11030	
					-	1NC	TC1-D3801 ■	8480		-	1NC	TP1-D3801 ■	11030	
		18.5	25	40	1NO	-	TC1-D4010 ■	8650		-	-	-	-	
					-	1NC	TC1-D4001 ■	8650		-	-	-	-	
Frame 3	60	22	30	40	1NO	1NC	TC1-D4011 ■	9030		1NO	1NC	TP1-D4011 ■	13300	
	80	22	30	45	1NO	1NC	TC1-D4511 ■	10700		1NO	1NC	TP1-D4511 ■	15850	
		25	35	50	1NO	1NC	TC1-D5011 ■	11250		1NO	1NC	TP1-D5011 ■	16810	
		37	50	65	1NO	1NC	TC1-D6511 ■	14980		1NO	1NC	TP1-D6511 ■	18000	
	100	37	50	70	1NO	1NC	TC1-D7011 ■	15470		1NO	1NC	TP1-D7011 ■	20930	
	125	45	60	80	1NO	1NC	TC1-D8011 ■	18870		1NO	1NC	TP1-D8011 ■	22500	
		45	60	95	1NO	1NC	TC1-D9511 ■	22860		1NO	1NC	TP1-D9511 ■	28770	

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

Contactor	Voltage						
TCA2-DN/TC1-D	24	48	110	220	235	240	415
50Hz	B5	E5	F5	M5	C5W*	U5	N5
50/60Hz	B7	E7	F7	M7	-	U7	N7

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

Contactor	Voltage				
TCA3-DN/TP1-D	24	48	72	110	220
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 @ ₹ 190 per contactor

* Available from CR~38A Contactor only.

C&S electric

TC

robusTa Power Contactors

Conforming IEC60947-1 & IEC60947-4-1



GLOBAL CERTIFICATION

cULus LISTED CE RoHS Compliant

Power Contactors 4 Pole : Rating AC1 25A ~ 125A									[HSN Code: 8536]
AC1 Duty A	AC1 Duty A	Main Pole Configuration		With AC Coil		MOQ	With DC Coil		MOQ
				Reference	MRP (₹)		Reference	MRP (₹)	
Frame 1	25	4NO	--	TC1-D12004■	2110	1	TP1-D12004■	4140	1
		2NO	2NC	☒TC1-D12008■	2590		☒TP1-D12008■	5200	
	32	4NO	--	☒TC1-D18004■	2430		-	-	
Frame 2	40	4NO	--	TC1-D25004■	3580		TP1-D25004■	7980	
		2NO	2NC	☒TC1-D25008■	5030		☒TP1-D25008■	9990	
Frame 3	60	4NO	--	TC1-D40004■	9530		TP1-D40004■	14260	
		2NO	2NC	☒TC1-D40008■	14090		☒TP1-D40008■	21250	
	80	4NO	--	TC1-D50004■	11900		-	-	
		2NO	2NC	☒TC1-D50008■	16330		-	-	
		4NO	--	☒TC1-D65004■	15430		TP1-D65004■	22780	
		2NO	2NC	TC1-D65008■	17970		☒TP1-D65008■	27600	
	100	4NO	--	☒TC1-D70004■	15990		☒TP1-D70004■	26230	
	125	4NO	--	TC1-D80004■	19960		TP1-D80004■	28600	
		2NO	2NC	☒TC1-D80008■	24300		☒TP1-D80008■	31990	
		4NO	--	TC1-D95004■	24140		TP1-D95004■	30480	
		2NO	2NC	☒TC1-D95008■	26490		☒TP1-D95008■	33070	

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	TC1-D09006 ■	2280	10
		5.5	7.5	12	TC1-D12006 ■	4220	
Frame 2	40	11	15	25	TC1-D25006 ■	4700	

AC Coil Voltage Codes for Contactors 9A~95A & Control Relays							
Contactor	Voltage						
TCA2-DN/TC1-D	24	48	110	220	235	240	415
50Hz	B5	E5	F5	M5	C5W*	U5	N5
50/60Hz	B7	E7	F7	M7	-	U7	N7

DC Coil Voltage Codes for Contactors 9A~95A & Control Relays					
Contactor	Voltage				
TCA3-DN/TP1-D	24	48	72	110	220
Normal Coil	BD	ED	SD	FD	MD
Wide band Coil#	BW	EW	-	FW	-

NOTE: 1. Add Suffix ■ Coil voltage to complete product code
2. 235 V (C5W) Coil available only upto 38 Amps (AC3) Contactors.
3. 22A, 38A & 45A current ratings also available on request. (MOQ - 50 Nos.)
4. For add-on accessories and spare coil refer Page No. 77.

Wide band Coil available in 50 Hz only

Note: Stock for accessories are subject to availability

■ Non-Standard coil Extra MRP @ ₹ 190 per contactor

* Available from CR~38A Contactor only.

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	TC1-D115116■*	26940	1
	55	73	115	1NO	1NC	TC1-D11511■*	27180	
	55	73	120	1NO	1NC	TC1-D120116■*	27740	
	55	73	120	1NO	1NC	TC1-D12011■*	28110	
	75	101	150	1NO	1NC	TC1-D150116■*	36220	
	75	101	150	1NO	1NC	TC1-D15011■*	36790	
	75	101	160	1NO	1NC	TC1-D160116■*	37560	
	75	101	160	1NO	1NC	TC1-D16011■*	37920	

Power Contactors 4 Pole: Rating AC1 200A			With AC Coil		MOQ
AC1 Duty A	Main Pole Configuration		Reference	MRP (₹)	
200A	4NO	--	TC1-D115004■*	29450	1
	4NO	--	TC1-D1150046■*	29060	
	4NO	--	TC1-D150004■*	38290	
	4NO	--	TC1-D1500046■*	38110	

* Busbar connection * Cable connection

Spare main contacts sets (115~160), 3P/4P [HSN Code: 8538]			
Contactor	Reference	MRP (₹)	MOQ
TC1D115	TA5 D115118031	10120	1
TC1D120	TA5 D120118031	10490	
TC1D150	TA5 D150118031	11870	
TC1D160	TA5 D160118031	12750	
TC1D115004	TA5 D115804	12430	
TC1D150004	TA5 D150804	13130	
Spare Busbar connection sets (115~160), 3P/4P			
TC1D115	TA9 D11511503	540	1
TC1D120			
TC1D150			
TC1D160			
TC1D115004	TA9 D115504	840	
TC1D150004			
Spare Arc Chamber (top housing) for 3P Contactors (115~160)			
TC1D115	TA5 D1151150	360	1
TC1D120	TA5 D1201150		
TC1D150	TA5 D1501150		
TC1D160	TA5 D1601150		
Spare Coils (115~160), 3 Pole / 4 Pole			
AC Coil 50 Hz AC	TX1D8■B5	2840	1
	TX1D8■F5		
	TX1D8■M5		
	TX1D8■N5		



Arc Chamber



Coil



Contact Kit



Cable connection set 3 & 4 Pole



Busbar connection set 3 & 4 Pole

Spare Cable connection sets (115~160), 3P/4P [HSN Code: 8538]			
Contactor	Reference	MRP (₹)	MOQ
TC1D115	TA9 D11511603	1090	1
TC1D120			
TC1D150			
TC1D160			
TC1D115004	TA9 D115604	1480	
TC1D150004			
Spare Arc Chamber (top housing) for 4P Contactors (115~160)			
TC1D115004	TA5 D115450	3410	1
TC1D150004	TA5 D150450		

AC Coil Voltage				
Contactor	Voltage			
	110	24	220	415
50Hz	F5	B5	M5	N5

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

robusTa Power Contactors

Conforming IEC60947-1 & IEC60947-4-1



GLOBAL CERTIFICATION

Power Contactors with Dust Cover 3 Pole [HSN Code: 8536]

AC1 Duty A	AC3 Long Life			With AC Coil		MOQ	With DC Coil		MOQ
	kW	HP	A	Reference	MRP (₹)		Reference	MRP (₹)	
200	59	80	115	LC1FDP115A ■	29140	1	LC1FDP115A ■	34260	1
250	80	108	150	LC1FDP150A ■	40430		LC1FDP150A ■	49770	
275	100	136	185	LC1FDP185A ■	47430		LC1FDP185A ■	60970	
275	105	140	200	LC1FDP200A ■	51850		LC1FDP200A ■	61450	
315	110	148	225	LC1FDP225A ■	53820		LC1FDP225A ■	67030	
350	140	190	265	LC1FDP265A ■	66050		LC1FDP265A ■	71920	
350	150	200	300	LC1FDP300A ■	71970		LC1FDP300A ■	84780	
400	180	240	330	LC1FDP330A ■	79230		LC1FDP330A ■	95080	
500	220	300	400	LC1FDP400A ■	92100		LC1FDP400A ■	113920	
600	240	320	460	LC1FDP460A ■	120840		-	-	
700	280	380	500	LC1FDP500A ■	127170		LC1FDP500A ■	137680	
800	355	430	580	LC1FDP580A ■	130030		-	-	
1000	375	500	630	LC1FDP630A ■	188350		LC1FDP630A ■	211330	
1600	425	580	780	☒ LC1FDP780A ■	POR		☒ LC1FDP780A ■	-	
1000	450	610	800	☒ LC1FDP800A ■	352040		☒ LC1FDP800A ■*	361550	

- 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

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 n		
315	110	150	225	LC1FDP225HCA ■		
350	140	190	265	LC1FDP265HCA ■		
355	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■	35090	LC1FDP1154■	47090	1
250	4 NO	LC1FDP1504n	44110	LC1FDP1504■	63030	
275	4 NO	LC1FDP1854■	66390	LC1FDP1854■	84290	
315	4 NO	LC1FDP2254■	67890	LC1FDP2254■	83110	
350	4 NO	☒LC1FDP2654■	73520	☒LC1FDP2654■	92200	
400	4 NO	☒LC1FDP3304■	85440	☒LC1FDP3304■	111080	
500	4 NO	☒LC1FDP4004■	111300	☒LC1FDP4004■	133090	
700	4 NO	☒LC1FDPM5004■	134830	☒LC1FDPM5004■	160410	
1000	4 NO	☒LC1FDP6304■	260140	☒LC1FDP6304■	268640	
1600	4 NO	☒LC1FDP7804■	POR	☒LC1FDP7804■	POR	

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 with No-Volt Coil and auxiliary contact block 2NO+2NC.

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

♦ Not Available for LC1FDP780

■ Non-Standard coil available on request, Extra MRP@ ₹ 970 each per Contactor rating 115#780A

DC Coil Voltage Codes for Contactors 115A~780A

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

Not available for LCFDP630 & LC1FDP780

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

Conforming IEC60947-1 & IEC60947-4-1



GLOBAL CERTIFICATION

[HSN Code: 8536]

Size	kVAR Rating	Auxiliary Contacts	Reference	MRP (₹)	MOQ
Frame 1	7	1NO+1NC	☒TC1D07K11 ■	3410	1
		2NC	TC1D07K02 ■	3410	
	10	1NO+1NC	☒TC1D10K11 ■	3700	
		2NC	TC1D10K02 ■	3700	
	12.5	1NO+1NC	☒TC1D12K11 ■	3980	
		2NC	TC1D12K02 ■	3980	
	16.7	1NO+1NC	☒TC1D16K11 ■	5610	
		2NC	TC1D16K02 ■	5610	
Frame 2	20	1NO+1NC	☒TC1D20K11 ■	6350	
		2NC	TC1D20K02 ■	6350	
	25	1NO+1NC	☒TC1D25K11 ■	7070	
		2NC	TC1D25K02 ■	7070	
Frame 3	33.3	1NO+2NC	☒TC1D33K12 ■	12700	
	40	1NO+2NC	☒TC1D40K12 ■	18970	
	50	1 NO+2NC	☒TC1D50K12 ■	19550	
	60	1NO+2NC	☒TC1D60K12 ■	22390	
	75	1NO+2NC	☒TC1D75K12 ■	25980	
	80	1NO+2NC	☒TC1D80K12 ■	27860	
	100	1NO+2NC	☒TC1D100K12 ■	28560	

AC Coil Voltage robusTa Capacitor Duty Contactors						
Contactor	Voltage					
TC1-D**K	24	110	220	235	240	415
50Hz	B5	F5	M5	C5W*	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. 77

robusTa Overload Relay

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

GLOBAL CERTIFICATION

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	*	*	☒TRD09301	9	2130	TA7-D0964 MRP ₹390 **[HSN Code: 8538]**	1
0.16 ~ 0.25	*	*	☒TR2D09302		2130		
0.25 ~ 0.40	*	*	TR2D09303		2130		
0.40 ~ 0.63	*	*	TR2D09304		2130		
0.63 ~ 1.00	0.5	0.37	TR2D09305		2130		
1.00 ~ 1.60	0.75	0.55	TR2D09306		2130		
1.25 ~ 2.00	1	0.75	TR2D093X6		2130		
1.60 ~ 2.50	1.5	1.1	TR2D09307		2130		
2.50 ~ 4.00	2	1.5	TR2D09308		2130		
4.00 ~ 6.00	3	2.2	TR2D09310		2130		
5.50 ~ 8.00	5	3.7	TR2D09312		2130		
7.00 ~ 10.0	5.5	4	TR2D09314		2130		
9.0 ~ 13.0	7.5	5.5	TR2D12316	12	2130		
9.0 ~ 14.0	7.5	5.5	TR2D12316X	12	2130		
12.0 ~ 18.0	12	9	TR2D18321	18	2580		
14.0 ~ 22.0	12	9	TR2D18321X	18	2580		
17.0 ~ 25.0	15	11	TR2D25322	25	2580		
23.0 ~ 32.0	20	15	TR2D32353	32	3680	TA7-D3264 MRP₹ 500 **[HSN Code: 8538]**	
28.0 ~ 36.0	25	18	TR2D32355		3680		
23.0 ~ 32.0	20	15	TR2D40353	40	4000	TA7-D4064 MRP ₹ 1820 **[HSN Code: 8538]**	
30.0 ~ 40.0	30	22	TR2D40355		4000		
37.0 ~ 50.0	35	25	TR2D65357	50	5150		
48.0 ~ 65.0	40	30	TR2D65359	65	6620		
55.0 ~ 70.0	50	37	TR2D65361		6620		
63.0 ~ 80.0	60	45	TR2D80363	80	7310		
80.0 ~ 93.0	65	49	TR2D95365	95	7370		
Independent Mounting							
65 ~ 105	75	55	LR1F105	-	11860	-	1
80 ~ 125	80	59	LR1F125		11860		
100 ~ 160	110	80	LR1F160		11860		
125 ~ 200	135	100	LR1F200		11860		
160 ~ 250	175	129	LR1F250		11860		
200 ~ 315	220	160	☒LR1F315		15210		
250 ~ 400	270	200	☒LR1F400		15210		
315 ~ 500	350	257	☒LR1F500		15210		
400 ~ 630	480	355	☒LR1F630		15210		
500 ~ 800	580	425	☒LR1F800		43540		
630 ~ 1000	680	500	☒LR1F1000		43540		

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

Relay Type	Reference	MRP (₹)	MOQ
LR1-F105	☒LA9F702	2590	1
LR1-F125		2590	
LR1-F160		2590	
LR1-F200		2590	
LR1-F250	LA9F703	3410	
LR1-F315		3410	
LR1-F400		3410	
LR1-F500		3410	
LR1-F630	LA9F704	3680	
LR1-F800		3680	

☒ Non Stockable item

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

Relay Setting Range (Amps)	Reference	MRP (₹)	MOQ
2.5-4.0	TR6F4	16690	1
4.0-6.3	TR6F6.3	16690	
6.3-10	TR6F10	16690	
8.0-12.5	TR6F12.5	16690	
10-16	TR6F16	16690	
16-25	TR6F25	16690	
25-40	☒TR6F40	16690	
40-63	☒TR6F63	16690	
63-100	☒TR6F100	16690	
100-160	☒TR6F160	16690	
125-200	☒TR6F200	16690	
160-250	☒TR6F250	16690	
250-400	☒TR6F400	16690	

Accessories for robusTa & ExceeD Contactors

Add-On Block for Contactor Rating 9A~800A [HSN Code: 8538]				
Contact Configuration		Reference	MRP (₹)	MOQ
Front Mounted	1 NO	TA1-DN10*	270	10
	1 NC	TA1-DN01*		
	2 NO	TA1-DN20	570	20
	1 NO+1 NC	TA1-DN11		
	2 NC	TA1-DN02		
	4 NO	TA1-DN40	840	20
	3 NO+1 NC	TA1-DN31		
	2 NO+2 NC	TA1-DN22		
	1 NO+3 NC	TA1-DN13		
	4 NC	TA1-DN04		
Side Mounted	1 NO+1 NC	TA8-DN11**	840	10
	2 NO	TA8-DN20**		

* Suitable for robusTa Contactor rating 25~95A only.
* 25A-38A, 1 Nos can be fitted & for 40-95A, 2 Nos.
** Suitable for robusTa Contactor rating 9~95A only & can be used for TC1-D115-160A

*Coil Surge Suppressor - Contactor 115~630A			
Description	Reference	MRP (₹)	MOQ
Coil Surge Suppressor for LC1FDP115~630A (3P/4P)	LA9F980(BR)*	3240	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	TA2-DT0	0.1...3s	2800	10
ON delay	1 NO+1 NC	TA2-DT2	0.1...30s		
ON delay	1 NO+1 NC	TA2-DT4	10...180s		
OFF delay	1 NO+1 NC	TA3-DR0	0.1...3s		10
OFF delay	1 NO+1 NC	TA3-DR2	0.1...30s		
OFF delay	1 NO+1 NC	TA3-DR4	10...180s		
Star Delta	1 NO+1 NC	TA2-DS2	1...30s	3120	10







Mechanical Interlocks - Horizontal Mounted [HSN Code: 8538]				
Contact Configuration		Reference	MRP (₹)	MOQ
AC	DC			
TC1-D09	TP1-D09	LA9-D09978	740	10
TC1-D12	TP1-D12			
TC1-D18	TP1-D18			
TC1-D25	TP1-D25			
TC1-D32	TP1-D32			
TC1-D40	TP1-D40	LA9-D50978	1820	10
TC1-D50	TP1-D50			
TC1-D65	TP1-D65			
TC1-D70	TP1-D70			
TC1-D80	TP1-D80	LA9-D80978	2390	10
TC1-D95	TP1-D95			

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	740	10
	110~240V AC/DC	TA9AMOV980U		
	70~150V AC/DC	TA9AMOV980F		
RC Circuit (AC) Clip-on mounting	24~48V AC	TA9RC980E		
	110~240V AC	TA9RC980U		
	380~440V AC	TA9RC980N		

Electrical & Mechanical Interlocks-Horizontal Mounted [HSN Code: 8538]				
Use for Contactor		Reference*	MRP (₹)	MOQ
AC	DC			
TC1-D09	TP1-D09	ELA9-D09978	880	10
TC1-D12	TP1-D12			
TC1-D18	TP1-D18			
TC1-D25	TP1-D25			
TC1-D32	TP1-D32			
TC1-D40	TP1-D40	ELA9-D50978	1980	
TC1-D50	TP1-D50			
TC1-D65	TP1-D65			
TC1-D80	TP1-D80	ELA9-D80978	2580	
TC1-D95	TP1-D95			

Front Mount Add on block with IP67

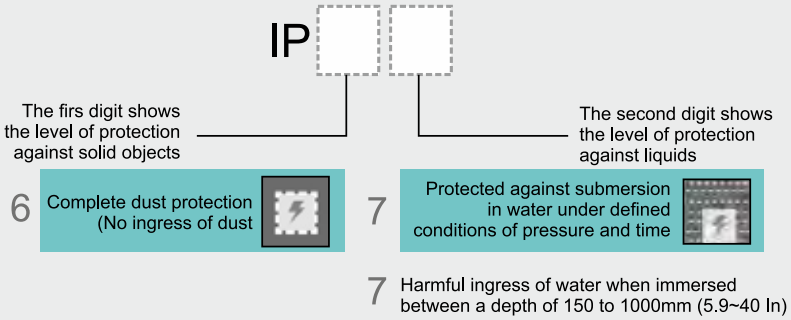
Robusta TA2 contactors					[HSN Code: 8538]
Reference Item	**Pole Configuration**	**MRP (₹)**	**Reference Item**	**Pole Configuration**	**MRP (₹)**
TA1DX11	11	1530	TA1DX11 N11	X11 N11	1850
TA1DX20	20	1530	TA1DX11 N20	X11 N20	1850
TA1DX02	02	1530	TA1DX11 N02	X11 N02	1860
TA1DX20 N20	X20 N20	1720	TA1DX02 N11	X02 N11	1850
TA1DX20 N11	X20 N11	1720	TA1DX02 N20	X02 N20	1850
TA1DX20 N02	X20 N02	1730	TA1DX02 N02	X02 N02	1860

NOTE :- "X" DENOTES IP67
"N" DENOTES NORMAL CONTACTS

FOR EXAMPLE:- TA1D(X)02 (N)20

- NO CONTACT ('2' NC)
- NC CONTACT ('0' NC)

ADD ON BLOCK SERIES | IP67 | NORMAL CONTACT



Compatible products

9A-800A Robusta &
Exceed 3 Pole & 4 Pole Contactors
9A-90A D-Range Contactors
1250A to 2600A Robusta 3 Pole Contactors

D Range Contactors & Overload Relays

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

GLOBAL CERTIFICATION



Control Relays 10 Amps			[HSN Code: 8536]
Contact Configuration	**A.C. Reference**	**MRP (₹)**	**MOQ**
2 NO+2 NC	CA2DN1229■	1790	1
3 NO+1 NC	CA2DN1319■		
4 NO	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■	1660	1
					-	1NC	LC1D099■	1660	
	25	5.5	7.5	12	1NO	-	LC1D123■	1860	
					-	1NC	LC1D129■	1860	
	32	9	12.5	16	1NO	-	LC1D173■	2190	
					-	1NC	LC1D179■	2190	
	32	11	15	22	1NO	-	LC1D223■	2520	
					-	1NC	LC1D229■	2520	
Frame 2	40	11	15	25	1NO	-	LC1D253■	2920	
					-	1NC	LC1D259■	2920	
	50	15	20	32	1NO	-	LC1D323■	5950	
					-	1NC	☒LC1D329■	5950	
Frame 3	60	22	30	40	1NO	1NC	☒LC1D403■	8730	
	80	25	35	50	1NO	1NC	☒LC1D503■	10480	
	80	37	50	63	1NO	1NC	☒LC1D633■	14770	
	125	45	60	80	1NO	1NC	☒LC1D803■	18540	

☒ Non Stockable item
MOQ - Minimum Order Quantity

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

Thermal Overload Relays Type LR1-Direct Mounting						[HSN Code: 8536]
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	2170	Reference LA7-D0964 MRP₹ 370 [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		Reference LA7-D3264 MRP ₹ 520 [HSN Code: 8538]	
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	2600	Reference LA7-D4054 MRP ₹ 700 [HSN Code: 8538]	
18.0~25.0	15.00	11.00	LR1D25322			
23.0~32.0	20.00	15.00	LR1D32353	3730		
28.0~40.0	20.00	15.00	LR1D32355			
23.0~32.0	20.00	15.00	LR1D40353	4100		
30.0~40.0	30.00	22.00	LR1D40355			
38.0~50.0	35.00	25.00	LR1D63357	4740		
48.0~57.0	40.00	30.00	LR1D63359	6730		
57.0~66.0	50.00	37.00	LR1D63361	7420		

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

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 ₹ 180/- in the MRP.

Thermal OLR Type LR1-Independent Mounting					[HSN Code: 8536]
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	7380	1

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

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	530	20
		1 NO+1 NC	LA1D11		
		2 NC	LA1D02		
		4 NO	LA1D40	800	
		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#	1140	10

D Range Mechanical Interlocks Horizontally Mounted [HSN Code: 8538]			
Use for Contactor AC	**Reference**	**MRP (₹)**	**MOQ**
LC1-D09	LA9-D09978	740	10
LC1-D12			
LC1-D17			
LC1-D22			
LC1-D25			
LC1-D32			
LC1-D40	LA9-D50978	1820	
LC1-D50			
LC1-D63			
LC1-D80	LA9-D80978	2390	

■ 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 ₹220

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	800	10



Add-on Starting Switch [HSN Code: 8538]			
Description	**Reference**	**MRP (₹)**	**MOQ**
NO starting Switch suitable for direct mounting on Control Relays & Contactors	LA9-D09906	260	10

Mechanical Latching Blocks [HSN Code: 8538]			
Description for Contractors / Control Relays Type	**Reference**	**MRP (₹)**	**MOQ**
CA2-DN1 LC1-D09, LC1-D12 LC1-D17, LC1-D25, LC1-D32	☒LA6-DK01■	3220	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

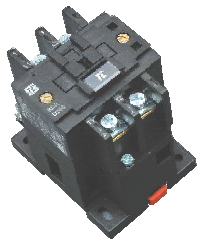
* Stock for accessories are subject to availability

* Stock for accessories are subject to availability

Contactors - 4 Pole & 2 Pole, AC

Conforming IEC60947-1, IEC60947-4-1





Contactors - 4 Pole AC						[HSN Code: 8536]
AC3, 415V			Main Poles Configuration	Reference	MRP (₹)	MOQ
kW	HP	A				
7.5	10	20	4NO	TC1DX204■	4410	1
11	15	25	4NO	TC1DX254■	6480	
22	30	40	4NO	TC1DX404■	10530	

■Please specify Coil Voltage.

Contactors - 2 Pole AC					[HSN Code: 8536]
AC1 Duty	AC3 220V AC	Reference	MRP (₹)	MOQ
	A			
32	20	AC2-D202■	1720	2
40	25	AC2-D252■	2350	
40	40	AC2-D402■	3210	

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

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 4 Pole Contactors			[HSN Code: 8538]
Reference	Coil Voltage	MRP (₹)	MOQ
TX1D20■	110/220/190~400/250~450	750	1

Spare Coil for 2Pole Contactors			[HSN Code: 8538]
Reference	Coil Voltage	MRP (₹)	MOQ
AX1D2 MU	220/240V, 50Hz	510	5
AX1D2 M	220V, 50Hz		
AX1D2 QN	380/415V, 50Hz		
AX1D2 N	415V, 50Hz		

Spare Contact Kit for 4 Pole Contactor			[HSN Code: 8538]
Reference	Description	MRP (₹)	MOQ
TA5DX204	20A Contact Kit, 4-Pole	1430	1
TA5DX254	25A Contact Kit, 4-Pole	2480	
TA5DX404	40A Contact Kit, 4-Pole	4020	

Spare Contact Kit for 2 Pole Contactor			[HSN Code: 8538]
Reference	Description	MRP (₹)	MOQ
AC5D202	20A Contact Kit, 2-Pole	770	1
AC5D252	25A Contact Kit, 2-Pole	1530	
AC5D402	40A Contact Kit, 2-Pole	1860	
☒AC5D2011	20A Contact Kit, 1NO+1NC	800	

Add-on-Blocks for 4 Pole Contactors					[HSN Code: 8538]
Description	Contact Configuration	Reference	MRP (₹)	MOQ
Front mounted Aux. contact Block	1 NO+1 NC	TA1-DN11A	580	2

Note : Also available with 2NC.

Add-on-Blocks for 2 Pole Contactors					[HSN Code: 8538]
Description	Contact Configuration	Reference	MRP (₹)	MOQ
Front mounted Aux. contact Block	2 NO 1 NO+1 NC 2 NC	LA1-D20A	540	20
		LA1-D11A		
		☒LA1-D02A		

Mechanical Interlock for 4 Pole Contactors			[HSN Code: 8538]
Description	Reference	MRP (₹)	MOQ
Horizontal Mounted	LA9-D09978	700	10

Thermal OLR 2 Pole type LR7D-Direct Mounting				[HSN Code: 8536]
Relay Setting Range (A)	Reference	MRP (₹)	Independent Mounting Kit	MOQ
4.0-6.0	LR7D09210	810	LA7D0964 MRP ₹370 [HSN Code: 8538]	1
5.5-8.0	LR7D09212			
7.0-10	LR7D09214			
9.0-14	LR7D12216X			
13-18	LR7D16221	980		
14-22	LR7D16221X			
18-25	LR7D25222			
23-32	LR7D32253	1190		

☒ Non Stockable item

Exceed DP 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	TCDPE251-XX	930
20	150	30	TCDPE201-XX	1035
Single Pole (With Shunt)				
25	150	30	TCDPE251S-XX	935
20	150	30	TCDPE201S-XX	1080
Two Pole				
20	120	30	TCDPE202-XX	1180
25	150	35	TCDPE252-XX	1255
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





Contactor				[HSN Code: 8536]
FLA	**Resistive AMP Rating**	**Reference**	**MRP (₹)**	**MOQ**
Single Pole (Without Shunt)				
25	30	☒TCDP251	1200	1
30	40	☒TCDP301	1270	
40	50	☒TCDP401	1340	
Single Pole (With Shunt)				
25	30	TCDP251S	1250	1
30	40	TCDP301S	1320	
40	50	TCDP401S	1430	
Two Pole				
20	30	TCDP202	1370	1
30	40	TCDP302	1380	
40	50	☒TCDP402	1480	
Thee Pole				
20	30	TCDP203	1630	
30	40	TCDP303	1670	1
40	50	☒TCDP403	1900	

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	☒TC1DT324Ne		
32	2 NO+2 NC	TC1DT328Ne		
40	4 NO	☒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	**Voltage**			
TC1-DT Ne**	**230**	**235**	**240**	**415**
50Hz	P	C5W	M	N

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 withdrawl

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 / Filament / Neon types
- Push Button Stations 1/2/3/4 ways, IP65 / 166, NEMA-41/X protection
- High Mechanical and Electrical life
- Aesthetic and Elegant outlook
- Wide Range of colors I voltages available

Globally accepted

c UL US LISTED CE SP RoHS Compliant

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	Code	MRP (₹)	Reference	Code	MRP (₹)	Reference
	Panel Mounting Socket - Splash Proof	16	IP44	CS62205*	700	6	-	-	-	CS62210*	1170	6
		32		CS62216*	1200	6	-	-	-	CS62221*	1350	6
	Panel Mounting Socket -Water Tight	16	IP67	CS62227	1510	6	-	-	-	CS62232	1610	6
		32		CS62238	1630	6	-	-	-	CS62243	2130	6
		63		☒CS63249	5990	6	-	-	-	CS63254	5500	6
		125		-	-		-	-	-	CS62262	20590	6
	Surface Mounting Socket - Splash Proof	16	IP44	CS62404	1160	6	-	-	-	CS62409	1270	6
		32		CS62415	1440	6	-	-	-	CS62420	1520	6
	Surface Mounting Socket - Water Tight	16	IP67	CS62426	1960	6	-	-	-	☒CS62431	2570	6
		32		☒CS62437	2450	6	☒CS62283	2750	3	CS62442	2950	6
		63		☒CS63448	7550	6	-	-	-	CS63453	7740	6
		125		-	-		-	-	-	☒CS63463	26670	6
	Plugs - Splash Proof	16	IP44	CS60004*	610	6	-	-	-	CS60009*	810	6
		32		CS60015*	970	6	-	-	-	CS60020*	1170	6
	Plugs - Water Tight	16	IP67	CS60026	1300	6	-	-	-	CS60031	1710	6
		32		CS60037	2010	6	CS60145	2060	3	CS60042	2100	6
		63		☒CS61048	5690	6	-	-	-	CS61053	5880	6
		125		-	-		-	-	-	CS60061	17470	6
	Surface Mounting Interlocked Switched Socket Outlet - Horizontal	16	IP44	CS66004(H)	9220	6	-	-	-	☒CS66109(H)	11760	6
		32		☒CS66015(H)	10970	6	-	-	-	☒CS66020(H)	13140	6
	Surface Mounting Interlocked Switched Socket Outlet - Vertical	16	IP67	CS66200	10110	6	-	-	-	☒CS66202	14310	6
		32		£CS66201	14120	6	-	-	-	☒CS66203	17070	6
	Connector - Splash Proof	16	IP44	CS62004*	880	6	-	-	-	☒CS66215*	1010	-
		32		CS62015*	1120	6	-	-	-	CS66225*	1430	-
	Connector Water Tight	32	IP67	-	-	-	CS62128	2750	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

[HSN Code: 8536]

AC Distribution Box with Socket	Description	Rating (Amp)	Protection Degree	Code	MRP (₹)	Reference
	AC Distribution Box (Includes Socket & Plug)	16A 3P 240V	IP40	CS60045*	2180	6
		32A 3P 240V		CS60046*	2690	6
		32A 5P 415V		CS60047*	4050	6
		63A 5P 415V		CS60048*	10530	6

* Stock for accessories are subject to availability

☒ Non Stockable item

MOQ- Minimum Order Quantity

Push Buttons: 22.5mm

Without Contact Elements

GLOBAL CERTIFICATION

Push Button Actuators with Carrier-Non-Illuminated				[HSN Code: 8536]
Description	**Reference**	**MRP (₹)**	**MOQ**	**Product Picture**
Push Spring Return Push Button	RCP2-BA2●	130	20	
	RCP2-BA3●			
	RCP2-BA4●			
	RCP2-BA5●			
	RCP2-BA6●			
Flush Spring Return Push Button with contact	RCP2BA33●	290	10	
	RCP2BA35●			
Projecting Push Button	RCP2-BL1○	130	20	
	RCP2-BL2●			
	RCP2-BL3●			
	RCP2-BL4●			
	RCP2-BL5●			
	RCP2-BL6●			
Mushroom Head Push Button, Spring Return	RCP2-BC2●	180	8	
	RCP2-BC3●			
	RCP2-BC4●			
	RCP2-BC5●			
	RCP2-BC6●			
Mushroom Head Push Button, Spring Return with contact	RCP2-BC21●	265	8	
	RCP2-BC31●			
	RCP2-BC42●			
	RCP2-BC51●			
	RCP2-BC61●			
Mushroom Head ⌀40mm Push Button Stay Put turn to release	RCP2BS54●	245	8	
Mushroom Head ⌀40mm Push to Stay Pull to release	RCP2BT4●			
Mushroom Head ⌀60mm Push Button Stay Put turn to release	RCP2BS64●	360	5	
Mushroom Head Push Button, Push to Stay & Key to release	RCP2BS14●	450	8	
Push Button Stay Put ⌀30mm (Press to Lock turn to release	RCP2BS44●	230	10	
Push Button Actuators with Carrier & Contact Element-Non-Illuminated				
Flush Spring Return Push Button with 1NO Block	RCP2-BA11○	190	10	 + 
	RCP2-BA21●			
	RCP2-BA31●			
	RCP2-BA51●			
	RCP2-BA61●			
	RCP2-BA41●			
Push Button with 1NC Block	RCP2-BA42●			
Projecting Head Push Button with 1NO Block	RCP2-BL11○	190	10	
	RCP2-BL21●			
	RCP2-BL31●			
	RCP2-BL51●			
	RCP2-BL61●			
Projecting PB with 1NC Block	RCP2-BL42●			

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	RCP2-BWL317▲○	360	10	
	RCP2-BWL337▲●			
	RCP2-BWL347▲●			
	RCP2-BWL357▲●			
	RCP2-BWL377▲○			
	RCP2-BWL387▲●			
	RCP2-BWL367▲●	630		
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	RCP2-BWL117▲○	360	10	
	RCP2-BWL137▲●			
	RCP2-BWL147▲●			
	RCP2-BWL157▲●			
	RCP2-BWL177▲○			
	RCP2-BWL187▲●			
	RCP2-BWL167▲●	640		

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 (₹)**	**MOQ**	**Product Picture**
2-Position Selector Switch (stay put)	RCP2-BD2	350	10	
3-Position Selector Switch,centre 'OFF' (stay put)	RCP2-BD3			
2-Position Selector Switch with extra long knob (stay put)	⊠RCP2-BJ2	350	10	
3-Position Selector Switch, with extra long knob centre 'OFF'(stay put)	RCP2-BJ3			
3-Position Selector Switch (Spring Return)	RCP2-BDR3	370	10	
3-Position Selector Switch extra long knob (Spring Return)	⊠RCP2-BJR3	370	10	
Selector Switch Actuators with Carrier & Contact Element				
2-Position Selector Switch (stay put) with 1NO Block	⊠RCP2-BD21	400	10	
2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCP2-BD25	490		
3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCP2-BD35			
Key Actuators with Carrier				
2-Position Key Switch, Key removable in unactuated position	⊠RCP2-BG2	500	10	
2-Position Key Switch, Key removable in both position	⊠RCP2-BG4			
2-Position Key Switch, Key removable in 'Right Hand' position	RCP2-BG02			
3-Position Key Switch, Key removable in centre 'OFF' position	⊠RCP2-BG3	510	10	
3-Position Key Switch, Key removable in all position	RCP2-BG0			
3-Position Key Switch, Key removable in 'Left Hand & Right Hand'position	RCP2-BG5			
3-Position Key Switch, Key removable in 'Left Hand' position	⊠RCP2-BG9			
3-Position Key Switch, Key removable in 'Right Hand' position	RCP2-BG7			

Push Buttons Extended Range				[HSN Code: 8536]
Description	**Reference**	**MRP (₹)**	**MOQ**	**Product Picture**
Intermittent Sounding Flashing Buzzer 15 ~ 20 mA, sound level 80 dB.24V, 48V, 110V AC/DC 240V AC (* Add Voltage code)	⊠RB2-KS* ●	380	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	⊠RCP2-BVL73▲●	330	10	
	⊠RCP2-BVL74▲●			
	⊠RCP2-BVL75▲●			
	RCP2-BVL77▲○			
	RCP2-BVL71▲○			
	⊠RCP2-BVL78▲●			
	⊠RCP2-BVL76▲●	590		

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. 89.

Push Buttons Extended Range				
Reset Extended Actuator Pushbutton - Round Type	⊠RCB2AL8R	120	24	
Reset Extended Actuator Pushbutton - Hex Type	⊠RCB2AL8H			
Plastic Adopter for 30 mm hole to 22.5 mm.	⊠RP2-BZ41M	40	30	
Metal Adopter for 30 mm hole to 22.5 mm	⊠RB2-BZ41M			
Recess (Guarded) Push button - Plastic	RP2-BA16 ○	100	20	
	RP2-BA26 ●			
	⊠RP2-BA36 ●			
	⊠RP2-BA46 ●			
	RP2-BA56 ●			
	RP2-BA66 ●			

Push Buttons: 22.5mm

Metallic Range (Without Contact Elements)

GLOBAL CERTIFICATION

Push Button Actuators with Carrier-Non-Illuminated [HSN Code: 8536]				
Description	**Reference**	**MRP (₹)**	**MOQ**	**Product Picture**
Flush Spring Return Push Button	RCB2-BA1 ○	140	20	
	RCB2-BA2 ●			
	RCB2-BA3 ●			
	RCB2-BA4 ●			
	RCB2-BA5 ●			
	RCB2-BA6 ●			
Projecting Push Button	RCB2-BL1 ○	140		
	RCB2-BL2 ●			
	RCB2-BL3 ●			
	RCB2-BL4 ●			
	RCB2-BL5 ●			
	RCB2-BL6 ●			
Booted Push Button	RCB2-BP2 ●	200		
	RCB2-BP3 ●			
	RCB2-BP4 ●			
	RCB2-BP5 ●			
	RCB2-BP6 ●			
Mushroom Head Push Button, Spring Return	RCB2-BC2 ●	200	8	
	RCB2-BC3 ●			
	RCB2-BC4 ●			
	RCB2-BC5 ●			
	RCB2-BC6 ●			
Mushroom Head Push Button Stay Put (press to lock, turn to release)	RCB2-BS54●	280	8	
	RCB2-BS64●	360	5	
Mushroom Head Push Button, Push to Stay & Pull to release	RCB2-BT4●	320	8	
Mushroom Head Push Button, premarked Pull to Reset	RCB2-BT43●			
Mushroom Head Key Switch, StayPut, Key removable in both positions (press to lock and key to release)	RCB2-BS14●	560	8	
Push Button Stay Put (press to lock, turn to release)	RCB2-BS44●	270	10	
Push Button Actuators with Carrier & Contact Element-Non-Illuminated				
Flush Spring Return Push Button with 1NO Block	☒RCB2-BA11○	240	10	 + 
	RCB2-BA21●			
	RCB2-BA31●			
	RCB2-BA51●			
	RCB2-BA61●			
	RCB2-BA41●			
Push Button with 1NC Block	RCB2-BA42●			
Push Button with 2NO Block	RCB2-BA33●	340	10	
Projecting Head Push Button with 1NO Block	RCB2-BL11○	240		
	RCB2-BL21●			
	☒RCB2-BL31●			
	RCB2-BL51●			
	RCB2-BL61●			
Projecting PB with 1NC Block	☒RCB2-BL42●			
Mushroom Head Push Button Stay Put (press to lock, turn to release) with 1NC Block	RCB2-BS542●	380	8	
	RCB2-BS642●	450	4	

LED Type Push Button Actuators - Illuminated Flush [HSN Code: 8536]				
Flush Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2-BWL337▲●	400	10	
	☒RCB2-BWL347▲●			
	☒RCB2-BWL357▲●			
	☒RCB2-BWL317▲○			
	RCB2-BWL377▲●			
	☒RCB2-BWL387▲●			
	☒RCB2-BWL367▲●	660		
Push Button Actuators - Illuminated Projecting with Series Resistor				
Illuminated Actuator, Projecting (with BA9S Filament Bulb,130V) 220VAC/DC	RCB2-BW117▲○	280	10	
	RCB2-BW137▲●			
	RCB2-BW147▲●			
	RCB2-BW157▲●			
	RCB2-BW167▲●			
	RCB2-BW177▲○			
LED Type Push Button Actuators - Illuminated Projecting Type of voltage AC/DC to be specified				
Projecting Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	☒RCB2-BWL137▲●	400	10	
	☒RCB2-BWL147▲●			
	☒RCB2-BWL157▲●			
Projecting Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2-BWL167▲●	760		
Double Push Button Actuators - Illuminated Flush without Series Resistor				
Illuminated Double Push Button, Flush Green & Red Knob marked I&O respectively (with BA9S Neon Bulb) 220V, 380V, 415V AC/DC	☒RCB2-BWN96▲	460	8	

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

MOQ-Minimum Order Quantity

Push Buttons: 22.5mm

Metallic Range (Without Contact Elements)

GLOBAL CERTIFICATION

Description	Reference	MRP (₹)	MOQ	Product Picture
Push Button Actuators with Carrier - Non-Illuminated				**[HSN Code: 8536]**
Double Push Button,Flush Green & Red Knob marked I&O respectively	RCB2-BA87	240	10	
Selector Switch Actuators with Carrier				
2-Position Selector Switch (stay put)	RCB2-BD2 RCB2-BD27*	390	10	
3-Position Selector Switch, centre 'OFF' (stay put)	RCB2-BD3 RCB2-BD37*			
2-Position Selector Switch with extra long knob (stay put)	RCB2-BJ2 ☒RCB2-BJ27*	400		
3-Position Selector Switch, with extra long knob centre 'OFF' (stay put)	RCB2-BJ3 ☒RCB2-BJ37*			
2-Position Selector Switch (Spring Return)	RCB2-BDR2 ☒RCB2-BDR27*	440		
3-Position Selector Switch (Spring Return)	RCB2-BDR3 RCB2-BDR37*			
2-Position Selector Switch extra long knob (Spring Return)	☒RCB2-BJR2 RCB2-BJR27*	440		
3-Position Selector Switch extra long knob (Spring Return)	☒RCB2-BJR3 RCB2-BJR37*			
Selector Switch Actuators with Carrier & Contact Element				**[HSN Code: 8536]**
2-Position Selector Switch (stay put) with 1NO Block	RCB2-BD21 ☒RCB2-BD271*	470	10	
2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCB2-BD25 ☒RCB2-BD275*	570		+
3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCB2-BD35 ☒RCB2-BD375*			

*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	☒RCB2-BK1237▲●	620	10	
	☒RCB2-BK1247▲●			
	☒RCB2-BK1257▲●			
3-Position Illuminated Selector Switch (with BA9S Filament Bulb 130V) suitable for operation at 220V AC/DC	☒RCB2-BK1337▲●			
	☒RCB2-BK1347▲●			
	☒RCB2-BK1357▲●			
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	☒RCB2BKL1237▲●	620		
	☒RCB2BKL1247▲●			
	☒RCB2BKL1257▲●			
3-Position Illuminated Selector Switch (with LED Bulb) 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	☒RCB2BKL1337▲●	620		
	☒RCB2BKL1347▲●			
	☒RCB2BKL1357▲●			

Description	Reference	MRP (₹)	MOQ	Product Picture
Key Actuators with Carrier				**[HSN Code: 8536]**
2-Position Key Switch, Key removable in unactuated position	RCB2-BG2 RCB2-BG27*	560	10	
2-Position Key Switch, Key removable in both position	RCB2-BG4 RCB2-BG47*			
2-Position Key Switch, Key removable in 'Right Hand' position	☒RCB2-BG02 ☒RCB2-BG027*			
3-Position Key Switch, Key removable in centre 'OFF' position	RCB2-BG3 RCB2-BG37*	580		
3-Position Key Switch, Key removable in all position	☒RCB2-BG0 RCB2-BG0-7*			
3-Position Key Switch, Key removable in 'Left Hand & Right Hand ' position	☒RCB2-BG5 RCB2-BG57*			
3-Position Key Switch, Key removable in 'Left Hand' position	RCB2-BG9 RCB2-BG97*			
3-Position Key Switch, Key removable in 'Right Hand' position	☒RCB2-BG09 RCB2-BG097*			
3-Position (Spring Return) Key Switch, Key removable in 'Center' position	☒RCB2-BG7 RCB2-BG77*			
Key Actuators with Carrier & Contact element				
2-Position Key Switch with 1NO Block,Key removable in unactuated position	☒RCB2-BG21 RCB2-BG271*	610	10	
2-Position Key Switch with 1NO Block, Key removable in both position	☒RCB2-BG41 RCB2-BG471*			+
3-Position Key Switchwith 1NO+1NC Block key removable in centre 'OFF' position	☒RCB2-BG31 RCB2-BG371*	720		
3-Position Key Switch with 1NO+1NC Block key removable in all position	RCB2-BG04 RCB2-BG074*			

* with Black Bezel

Contact Elements - NO/NC (Non UL)*				[HSN Code: 8536]
Contact Element 1 NO	RE2BE101	95	50	
Contact Element 1 NC	RE2BE102			
Contact Elements - NO/NC (UL)*				
Contact Element 1 NO	RB2-BE-101	110	50	
Contact Element 1 NC	RB2-BE-102			

*Apllicable 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

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

Pilot Lamps: 22.5mm

Metallic Range

GLOBAL CERTIFICATION

Description	Reference	MRP (₹)	MOQ	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	☒RCB2BVL71▲○	360	10	
	☒RCB2BVL73▲●	360		
	☒RCB2BVL74▲●			
	☒RCB2BVL75▲●			
	RCB-BVL77▲○			
	☒RCB2BVL78▲●			
	☒RCB2BVL76▲●	720		

Description	Reference	MRP (₹)	MOQ	Product Picture
Economical Barrel LED Series - Type of voltage AC/DC				**[HSN Code: 8536]**
Suitable for operating at 12V DC, 240V AC, 415V AC AC/DC-24V, 110V, 220V	RCN7-IVL71 ▲○	370	20	
	☒RCN7-IVL76▲●			
	RCN7-IVL73▲●	200		
	RCN7-IVL74▲●			
	☒RCN7-IVL75▲●			
	☒RCN7-IVL77▲○			
	☒RCN7-IVL78▲●			

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

Description	Reference	MRP (₹)	MOQ	Product Picture
Push Button Powder Coated Actuators with Carrier				**[HSN Code: 8536]**
Flush Spring Return Push Button powder coated	RCB2-BA17 ○	140	20	
	RCB2-BA27 ●			
	RCB2-BA37 ●			
	RCB2-BA47 ●			
	RCB2-BA57 ●			
	RCB2-BA67 ●			
Projecting Push Button	RCB2-BL17 ○	150		
	RCB2-BL27 ●			
	RCB2-BL37 ●			
	RCB2-BL47 ●			
	RCB2-BL57 ●			
	RCB2-BL67 ●			
Integrated LED Pilot Lamp - Type of voltage AC/DC				
	☒RCB7-IVL71▲○	420	15	
	☒RCB7-IVL76▲●			
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	☒RCB7-IVL73▲●	240		
	☒RCB7-IVL74▲●			
	☒RCB7-IVL75▲●			
	☒RCB7-IVL77▲○			
	☒RCB7-IVL78▲●			
Wide range: 12V~240V (AC/DC)	RCB7-IVL71▲○	710		
	RCB7-IVL76▲●			
	RCB7-IVL73▲●	520		
	RCB7-IVL74▲●			
	RCB7-IVL75▲●			
	☒RCB7-IVL77▲○			
	RCB7-IVL78▲●			

* Stock for accessories are subject to availability. MOQ- Minimum Order Quantity

Accessories

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

GLOBAL CERTIFICATION

Operating Heads Without Contact Block and Carrier				[HSN Code: 8536]
Description	**Reference**	**MRP (₹)**	**MOQ**	**Product Picture**
Pilot Lamp Head	RB2-BV01 ○	140	20	
	RB2-BV03 ●			
	RB2-BV04 ●			
	RB2-BV05 ●			
	RB2-BV06 ●			
	RB2-BV07 ○			
	RB2-BV08 ●			
Flush Push Button	RB2-BA1 ○	120	20	
	RB2-BA2 ●			
	RB2-BA3 ●			
	RB2-BA4 ●			
	RB2-BA5 ●			
	RB2-BA6 ●			
Projecting Push Button	RB2-BL1 ○	140	20	
	RB2-BL2 ●			
	RB2-BL3 ●			
	RB2-BL4 ●			
	RB2-BL5 ●			
	RB2-BL6 ●			
Mushroom Spring Return	RB2-BC2 ●	190	8	
	RB2-BC3 ●			
	RB2-BC4 ●			
	RB2-BC5 ●			
	RB2-BC6 ●			
Mushroom Stay Put ϕ30mm	RB2-BS44 ●	240	10	
Mushroom Stay Put ϕ40mm	RB2-BS54 ●	250	8	
Mushroom Stay Put ϕ60mm	RB2-BS64 ●	350	5	
Mushroom illuminated - 2 position Momentary - 2 position Maintained	RCB2-BW43 ●	430	8	
	RCB2-BW44 ●	430		
	RCB2-BW64 ●	520		
	RCB2-BW63 ●			
Booted Push Button	RB2-BP2 ●	200	20	
	RB2-BP3 ●			
	RB2-BP4 ●			
	RB2-BP5 ●			
	RB2-BP6 ●			
Double Headed without Light	RB2-BA87 ■	240	10	
Double Headed Push Button with Light	RB2-BW9 ■	260		
Illuminated Flush Push Button	RB2-BW31 ○	160	10	
	RB2-BW33 ●			
	RB2-BW34 ●			
	RB2-BW35 ●			
	RB2-BW36 ●			
	RB2-BW37 ○			
	RB2-BW38 ●			
Illuminated Projecting Push Button	RB2-BW13 ●	170	10	
	RB2-BW14 ●			
	RB2-BW15 ●			
	RB2-BW16 ●			
	RB2-BW17 ○			
	RB2-BW38 ●			
Illuminated Selector 2-Position Stay Put	RB2-BK123 ●	380		
	RB2-BK124 ●			
	RB2-BK125 ●			
Illuminated Selector 3-Position Stay Put	RB2-BK133 ●	400		
	RB2-BK134 ●			
	RB2-BK135 ●			

Operating Heads LED, Neon Pilot Lamp / Push Button Without Contact Block and Carrier				[HSN Code: 8536]
Description	**Reference**	**MRP (₹)**	**MOQ**	**Product Picture**
LED Pilot Lamp Head	RB2-BVL01 ○	120	20	
	RB2-BVL03 ●			
	RB2-BVL04 ●			
	RB2-BVL05 ●			
	RB2-BVL06 ●			
	RB2-BVL07 ○			
	RB2-BVL08 ●			
LED Illuminating Flush Push Button	RB2-BWL31 ○	170	10	
	RB2-BWL33 ●			
	RB2-BWL34 ●			
	RB2-BWL35 ●			
	RB2-BWL36 ●			
	RB2-BWL37 ○			
	RB2-BWL38 ●			
LED Illuminating Projecting Push Button	RB2-BWL11 ○	190	10	
	RB2-BWL13 ●			
	RB2-BWL14 ●			
	RB2-BWL15 ●			
	RB2-BWL16 ●			
	RB2-BWL17 ○			
	RB2-BWL18 ●			

Operating Heads LED, Neon Pilot Lamp / Push Button Without Contact Block and Carrier					[HSN Code: 8536]
Description	**Reference**	**Operating Handle**	**MRP (₹)**	**MOQ**	**Product Picture**
Selector 2-Position, Stay Put	RB2-BD2	Standard	350	10	
Selector 2-Position, Stay Put	RB2-BJ2	Long	380		
Selector 2- Position, Spring Return	RB2-BDR2	Standard	350		
Selector 2-Position, Stay Put	RB2-BJR2	Long	380		
Selector 3-Position, Stay Put (Centre OFF)	RB2-BD3	Standard	350		
Selector 3-Position, Stay Put (Centre OFF)	RB2-BJ3	Long	380		
Selector 3-Position, Spring Return (Centre OFF)	RB2-BDR3	Standard	350		
Selector 3-Position, Stay Put	RB2-BJR3	Long	380		
Key Selector 2 -Position, Stay Put	RB2-BG2	Key removable in L.H. position	520		
Key Selector 2-Position, Stay Put	RB2-BG4	Key removable in both positions	520		
Key Selector 2-Position, Stay Put	RB2-BG02	Key removable in R .H. position			
Key Selector 2-Position, Spring Return Stay Put	RB2-BG6	Key removable in L.H. position			
Key Selector 3-Position, Stay Put	RB2-BG3	Key removable in centre position			
Key Selector 3-Position, Stay Put	RB2-BG0	Key removable inall positions	520		
Key Selector 3-Position, Stay Put	RB2-BG5	Key removable in L.. H.& R. H. position			
Key Selector 3-Position, Stay Put	RB2-BG9	Key removable in L. H. position	530		
Key Selector 3-Position, Stay Put	RB2-BG09	Key removable in R. H. position			
Key Selector 3-Position, Both Side Spring Return	RB2-BG7	Key removable in Centre position			
Mushroom Head with Key Stay Put	RB2-BS14 ●	Key removable in both positions	530	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 (₹)**	**MOQ**	**Product Picture**
For Actuators,Push Buttons,Selectors & Key Switches	RB2-BZ101	NO	170	20	
	RB2-BZ102	NC			
	RB2-BZ103	1NO+1NO	270	10	
	RB2-BZ104	1NC+1NC			
	RB2-BZ105	1NO+1NC			

Description	Reference	MRP (₹)	MOQ	Product Picture
Set of Lens (one inner and one outer) for Pilot Lamp Head	RB2-BV00*	35	20	
Lens for LED & Neon Type Pilot Lamp (w/o inner lens)	RB2-BVL00*			
Set of Lens (one inner and one outer) for Illuminating Actuator	RB2-BW00*			
Lens for Illuminating LED & Neon actuator (w/o inner lens)	RB2-BWL00*			
Silicon Cap suitable for, -Booted Push Button (coloured) -Push Buttons Flush (Natural) -Push Buttons Illuminated (Natural)	RB2BP00	35		
	RC-S			
	RCL	45		
Legend Plate with inscription (On, Off, Start, Stop, Slow, Fast, Forward, Reverse, Up, Down, Open, Close, Auto, Auto-o-Hand, Auto-Hand, Reset, Inch.)	RB2-BYN#	35	100	
Body / Carrier with mounting screws (passivated) for making different assemblies	RB2-B*	60	20	
Yellow legend (PVC) ϕ60mm	RB2-PY9330	75	50	
Emergency Stop ϕ90mm	RB2-PY8330	80	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 (₹)	MOQ
Start	2303	Stop	2304	35	250
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. MOQ- Minimum Order Quantity

Control Stations (Assembled)

Complete Control Stations-Start & Stop Functions Plastic, Spring Return						
Description	**Scheme**	**Colour**	**Making on legend**	**Reference**	**MRP (₹)**	**Product Picture**
1 Flush Push Button	NO	3	I START	RC1P102	850	
				RC1P103		
1 Flush Push Button	NC	4	O STOP	RC1P112		
				RC1P114		
Latching Push Button	NC	4	STOP	RC1PBS542	920	
				RC1PYBS542		
Mushroom Head Key Switch	NC	4	STOP	RC1PBS142	1270	
				RC1PYBS142		
2 Flush Push Button	NO+NC	3	I	RC2P213	1220	
		4	O			
2 Flush Push Button	NO+NC	3	START	RC2P215		
		4	STOP			

Complete Control Stations Directional/Movement Control Functions Plastic, Spring Return						[HSN Code: 8536]
Description	**Scheme**	**Colour**	**Marking on legend**	**Reference**	**MRP (₹)**	**Product Picture**
2 Flush Push Button	NO + NO	1	↕ Up Down	RC2P222	1360	
		2		RC2P222A		
		1	↔ Right Left	RC2P223		
		2		RC2P223A		
		1	Open Close	RC2P241		
		2	Forward Reverse	RC2P222B		
3 Flush Push Button	NO + NC + NO	3 4 3	Forward Stop Reverse	RC3P311	1760	
			Up Stop Down	RC3P321		
			Right Stop Left	RC3P331		
			Open Stop Close	RC3P341		
		1 4 2	↕ ↔	RC3P324		
				RC3P334		

Control Stations for Customer Assembly Empty Enclosure, Plastic					[HSN Code: 8536]
Description		**Number of Ways**	**Reference**	**MRP (₹)**	**Product Picture**
Top	**Base**				
Yellow		1	RC - 1PY	690	
Bone Grey	Jet Black	1	RC - 1P		
		2	RC - 2P	760	
		3	RC - 3P	870	
		4	RC - 4P	970	

* 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	RC 1M 102	1270	
				RC 1M 103		
1 Flush Push Button	NC	4	O STOP	RC 1M 112		
				RC 1M 114		
Latching Push Button	NC	4	STOP	RC 1MBS542	1400	
Mushroom Head Key Switch	NC	4	STOP	RC 1MBS142	1620	
2 Flush Push Button	NO+NC	3 4	I O	RC 2M 213	1600	
2 Flush Push Button	NO+NC	3 4	START STOP	RC 2M 215		

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	RC 2M 222	1550	
				RC 2M 222A		
		1 2	↔ Right-Left	RC 2M 223		
				RC 2M 223A		
		1 2	Open-Close	RC 2M 241		
			Forward-Reverse	RC2M222B		
3 Flush Push Button	NO + NC + NO	3 4 3	Forward Stop Reverse	RC 3M 311	1970	
			Up Stop Down	RC 3M 321		
			Right Stop Left	RC 3M 331		
			Open Stop Close	RC 3M 341		
		1 2	↕ ↔	RC 3M 324		
				RC 3M 334		

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

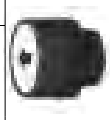
Description		Number of Ways	Reference	MRP (₹)	Product Picture
Top	Base				
Smoke Grey	Dark Grey	1	RC - 1M	980	
		2	RC - 2M	1010	
		3	RC - 3M	1220	
		4	RC - 4M*	1490	

* 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 (₹)	MOQ	Product Picture
Flush Push Button Spring Return	RP2-BA1 ○	120	20	
	RP2-BA2 ●			
	RP2-BA3 ●			
	RP2-BA4 ●			
	RP2-BA5 ●			
	RP2-BA6 ●			
	RP2-BA334			
	RP2-BA335			
Projecting Push Button	RP2-BL1 ○	120	20	
	RP2-BL2 ●			
	RP2-BL3 ●			
	RP2-BL4 ●			
	RP2-BL5 ●			
	RP2-BL6 ●			
Mushroom Spring Return	RP2-BC2 ●	170	8	
	RP2-BC3 ●			
	RP2-BC4 ●			
	RP2-BC5 ●			
	RP2-BC6 ●			
Mushroom Stay Put ϕ30mm	RP2-BS44 ●	210	10	
ϕ40mm	RP2-BS54 ●	230	8	
ϕ60mm	RP2-BS64 ●	370	5	

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

Description	Reference	Operating Handle	MRP (₹)	MOQ	Product Picture
Selector 2-Position, Stay Put	RP2-BD2	Standard	330	10	
Selector 3-Position, Stay Put (Centre OFF)	RP2-BD3	Standard			
Selector 3-Position, Spring Return (Centre OFF)	RP2-BDR3	Standard			
Key Selector 2-Position, Stay Put	RP2-BG2	Key removable in L.H. position	470		
Key Selector 2-Position, Stay Put	RP2-BG4	Key removable in both positions	490		
Key Selector 2-Position, Stay Put	RP2-BG02	Key removable in R . H. position			
Key Selector 3-Position, Stay Put	RP2-BG3	Key removable in centre position			
Key Selector3-Position, Stay Put	RP2-BG0	Key removable in all positions	510		
Key Selector 3-Position, Stay Put	RP2-BG5	Key removable in L.. H.& R. H. position			
Key Selector 3-Position, Stay Put	RP2-BG9	Key removable in L. H. position	470		
Key Selector 3-Position, Stay Put	RP2-BG09	Key removable in R. H. position			
Key Selector 3-Position, Both Side Spring Return	RP2-BG7	Key removable in Centreposition			
Mushroom Head with Key Stay Put	RP2-BS14	Key removable in both positions	470	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 (₹)	MOQ	Product Picture
Flush Push Button Spring Return	RM2-BA1○	130	20	
	RM2-BA2●			
	RM2-BA3●			
	RM2-BA4●			
	RM2-BA5●			
	RM2-BA6●			
	RM2-BA334			
	RM2-BA335			
Projecting Push Button	RM2-BL1○	130	20	
	RM2-BL2●			
	RM2-BL3●			
	RM2-BL4●			
	RM2-BL5●			
	RM2-BL6●			
Mushroom Spring Return ϕ40mm	RM2-BC2●	190	8	
	RM2-BC3●			
	RM2-BC4●			
	RM2-BC5●			
	RM2-BC6●			
Mushroom Stay Put ϕ30mm	RM2-BS44●	240	10	
Mushroom Stay Put ϕ40mm	RM2-BS54●	270	8	
Mushroom Stay Put ϕ60mm	RM2-BS64●	320	5	
Mushroom Push-Pull Type ϕ40mm	RM2-BT43●	270	8	

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

Description	Reference	Operating Handle	MRP (₹)	MOQ	Product Picture
Selector 2-Position, Stay Put	RM2-BD2	Standard	350	10	
Selector 2- Position, Spring Return	RM2-BDR2	Standard			
Selector 3-Position, Stay Put (Centre OFF)	RM2-BD3	Standard			
Selector 3-Position, Spring Return (Centre OFF)	RM2-BDR3	Standard			
Key Selector 2-Position, Stay Put	RM2-BG2	Key removable in L.H. position	470		
Key Selector 2-Position, Stay Put	RM2-BG4	Key removable in both positions	510		
Key Selector 2-Position, Stay Put	RM2-BG02	Key removable in R . H. position			
Key Selector 2-Position, Spring Return Stay Put	RM2-BG6	Key removable in L.H. position			
Key Selector 3-Position, Stay Put	RM2-BG3	Key removable in centre position			
Key Selector 3-Position, Stay Put	RM2-BG0	Key removable inall positions	530		
Key Selector 3-Position, Stay Put	RM2-BG5	Key removable in L.H. & R.H. position	530		
Key Selector 3-Position, Stay Put	RM2-BG9	Key removable in L. H. position	570		
Key Selector 3-Position, Stay Put	RM2-BG09	Key removable in R. H. position			
Key Selector 3-Position, Both Side Spring Return	RM2-BG7	Key removable in Centre position			
Mushroom Head with Key Stay Put	RM2-BS14l	Key removable in both positions	510	8	

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

Description	Reference	Contact Type	MRP (₹)	MOQ	Product Picture
Contact Block	RB2BE-101BM/P*	NO	120	50	
Slow Break	RB2BE-102BM/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 (₹)	MOQ
Start	RP2-BY2303	Stop	RP2-BY2304	20	100
Forward	RP2-BY2305	Reverse	RP2-BY2306		
Up	RP2-BY2307	Down	RP2-BY2308		
On	RP2-BY2311	Off	RP2-BY2312		
Open	RP2-BY2313	Close	RP2-BY2314		
Auto	RP2-BY2315	Hand	RP2-BY2316		
Reset	RP2-BY2323	Inch	RP2-BY2321		
Slow	RP2-BY2327	Fast	RP2-BY2328		
Power On	RP2-BY2326	Emer. Stop	RP2-BY2330		
Right	RP2-BY2309	Left	RP2-BY2310		
O	RP2-BY2146	--	RP2-BY2147		
→	RP2-BY1912	←	RP2-BY1913		
↑	RP2-BY1914	↑	RP2-BY1915		

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 (₹)	MOQ
Start	RM2-BY2303	Stop	RM2-BY2304	20	100
Forward	RM2-BY2305	Reverse	RM2-BY2306		
Up	RM2-BY2307	Down	RM2-BY2308		
On	RM2-BY2311	Off	RM2-BY2312		
Open	RM2-BY2313	Close	RM2-BY2314		
Auto	RM2-BY2315	Hand	RM2-BY2316		
Reset	RM2-BY2323	Inch	RM2-BY2321		
Slow	RM2-BY2327	Fast	RM2-BY2328		
Power On	RM2-BY2326	Emer. Stop	RM2-BY2330		
Right	RM2-BY2309	Left	RM2-BY2310		
O	RM2-BY2146	--	RM2-BY2147		
→	RM2-BY1912	←	RM2-BY1913		
↑	RM2-BY1914	↑	RM2-BY1915		

Note: Minimum order of #10 each.

MOQ- Minimum Order Quantity

Motor Starters



Features

- Conforms to IS 13947-4-1
- 3Ø DOL Starter range: 0.50HP~60HP
- 3Ø Reversing DOL Starter range: 0.5HP~20HP
- 3Ø Star Delta Starter range: 7.5HP~350HP

Custom built Starter solutions with incomer MCCB & Electronic Motor Protection Relay

- 3Ø Intelligent Star Delta Starter range: 40HP~ 350HP
- 3Ø Intelligent Auto Transformer Starter range: 40HP~ 350HP







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	19250	6
3	2.2	BE3DXEAP163■308	2.5-4.0	19250	
5	3.7	BE3DXEAP163■310	4.0-6.0	19250	
7.5	5.6	BE3DXEAP163■312	5.5-8.0	19250	
10	7.5	BE3DXEAP163■314	7.0-10.0	19250	
12.5	9.3	BE3DXEAP163■316	10.0-13.0	19250	
12.5	9.3	BE3DXEAP163■316X	9.0-14.0	19250	
15	11.2	BE3DXEAP203■321	13.0-18.0	21770	
20	15	BE3DXEAP253■321X	14.0-22.0	21770	
25	18.6	BE3DXEAP253■322	18.0-25.0	21770	



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	5350	2
0.75	0.55	BE1DXEAP163■306	1.0-1.6	5350	
1.5	1.1	BE1DXEAP163■307	1.6-2.5	5350	
2	1.5	BE1DXEAP163■308	2.5-4.0	5350	
3	2.2	BE1DXEAP163■310	4.0-6.0	5350	
5	3.7	BE1DXEAP163■312	5.5-8.0	5350	
5.5	4	BE1DXEAP163■314	7.0-10.0	5350	
7.5	5.5	BE1DXEAP163■316	10.0-13.0	5350	
7.5	5.5	BE1DXEAP163■316X	9.0-14.0	5350	
12	9	BE1DXEAP203■321	13.0-18.0	6050	
12	9	BE1DXEAP253■321X	14.0-22.0	6050	
15	11	BE1DXEAP253■322	18.0-25.0	6050	
20	15	BE1DXEAP403■353	23.0-32.0	9150	
20	15	BE1DXEAP403■355	28.0-40.0	9150	

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.

Motor Starters

Conforming IS/IEC60947-4-1



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	BE1-DXP204■307	1.6~2.5	POR	6
2.0	1.5	BE1-DXP204■308	2.5~4.0		
3	2.2	BE1-DXP204■310	4.0~6.0		
5	3.7	BE1-DXP204■312	5.5~8.0		
5.5	4.0	BE1-DXP204■314	7~10		
7.5	5.5	BE1-DXP204■316X	9~14		
12	9	BE1-DXP204■321	13~18		
15	11	BE1-DXP254■321XH	14~22		
		BE1-DXP254■322	18~25		
25	18	BE1-DXP404■353	23~32		



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	BE3-DXP204■312	5.5~8.0	20890	2
12	9	BE3-DXP204■314	7.0~10	20890	
15	11	BE3-DXP204■316X	9~14	20890	
20	15	BE3-DXP204■321	13~18	21150	
		BE3-DXP254■321XH	14~22	23760	
25	18	BE3-DXP254■322	18~25	23760	
30	22	BE3-DXP254■353	23~32	27310	

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	LE1-D173■305	0.63~1.00	4430	1
0.75	0.55	LE1-D173■306	1.0~1.60	4430	
1.5	1.1	LE1-D173■307	1.60~2.50	4430	
2	1.5	LE1-D173■308	2.50 ~ 4.00	4430	
3	2.2	LE1-D173■310	4.00 ~ 6.00	4430	
5	3.7	LE1-D173■312	5.50 ~ 8.00	4430	
7.5	5.5	LE1-D173■316X	9.0 ~ 14.0	4430	
12	9	LE1-D253■321	13.0 ~ 18.0	9110	
15	11	LE1-D253■322	18.0 ~ 25.0	9110	

☒ Non Stockable item

MOQ- Minimum Order Quantity

Motor Starters

Conforming IS/IEC60947-4-1



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	BE1-D1735■305	0.63~1.00	5250	1
0.75	0.55	BE1-D1735■306	1.0~1.60		
1.5	1.1	BE1-D1735■307	1.60~2.50		
2	1.50	BE1-D1735■308	2.50~4.0		
3	2.2	BE1-D1735■310	4.00~6.00		
5	3.7	BE1-D1735■312	5.50~8.00		
7.5	5.5	BE1-D1735■316X	9.0~14.0		
12	9	BE1-D2535■321	13.0~18.0	10890	
15	11	BE1-D2535■322	18.0~25.0		
20	15	BE1-D3235■353	23.0~32.0	18040	
30	22	BE1-D4035■355	28.0~40.0	26420	
35	25	BE1-D5035■357	38.0~50.0	29470	
40	30	BE1-D6335■359	48.0~57.0	34320	



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	BE2-D1735■305	0.63~1.00	16180	1
0.75	0.55	BE2-D1735■306	1.0~1.60		
1.5	1.1	BE2-D1735■307	1.60~2.50		
2.0	1.5	BE2-D1735■308	2.50~4.00		
3.0	2.2	BE2-D1735■310	4.00~6.00		
5.0	3.7	BE2-D1735■312	5.50~8.00		
5.5	4.0	BE2-D1735■314	7.00~10.0		
7.5	5.5	BE2-D1735■316X	9.0~14.0		
12.0	9.0	BE2-D2535■321	13.0~18.0	20020	
15.0	11.0	BE2-D2535■322	18.0~25.0	22500	
20.0	15.0	BE2-D3235■353	23.0~32.0	33180	



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	BE3-D1735■308	2.5~4.0	19220	1
4	5.5	BE3-D1735■310	4.0~6.0		
5.5	7.5	BE3-D1735■312	5.5 ~ 8.0		
9	12	BE3-D1735■314	7.0 ~ 10.0		
11	15	BE3-D1735■316X	9.0 ~ 14.0		
15	20	BE3-D2235■321	13.0 ~ 18.0	19970	
18	25	BE3-D2535■322	18.0 ~ 25.0	27060	
22	30	BE3-D3235■322	18.0 ~ 25.0	45100	
25	35	BE3-D3235■353	23.0 ~ 32.0		
30	40	BE3-D4035■355	30.0 ~ 40.0	54290	
37	50	BE3-D5035■355	30.0 ~ 40.0	72400	
51	70	BE3-D6335■359	48.0 ~ 57.0	119410	
59	80	BE3-D8035N 361	57.0 ~ 66.0		
75	100	BE3-F115 363	66.0 ~ 80.0	146780	
90	125	BE3-F115N105	65.0 ~ 105.0	174530	
110	150	BE3-F150N125	80.0 ~ 125.0	180020	
132	180	☒BE3-F185N160	100.0~160.0	287330	
160	220	☒BE3-F185N200	125.0~200.0		
200	270	☒BE3-F265N250	160.0~250.0	314260	
220	300	☒BE3-F330N315	200.0~315.0	325710	
260	350	☒BE3-F330S315	200.0~315.0		

☒ Non Stockable item

Motor Starters

Conforming IS/IEC60947-4-1

Semi-Automatic Star Delta Starter with D range Contactor, LR1D OLR					
Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
kW	HP				
3	4	BE3-D1735■308SA	2.5 ~ 4	13790	1
4	5.5	BE3-D1735■310SA	4 ~ 6		
5.5	7.5	BE3-D1735■312SA	5.5 ~ 8		
9	12	BE3-D1735■314SA	7 ~ 10		
11	15	BE3-D1735■316XSA	9 ~ 14		
15	20	BE3-D2535■321SA	13 ~ 18	19010	
18	25	BE3-D2535■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 40 HP only.

How to order Industrial Starter:

(i) Complete the code by replacing the blue square (■) by the letter(s) corresponding to the Coil Voltage selected.

(ii) 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

■ **Intellignet 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:

(i) Complete the code by replacing the blue square (■) by the letter(s) corresponding to the Coil Voltage selected.

(ii) 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 Transformar, 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

MOQ- Minimum Order Quantity

CS1 Series Starters

CS1 Series Starters (DOL & Star Delta) are available with contactors type CS1, CS2 & CS3 having 16A, 25A, 32A AC3 duty. These Starters are specially designed for agricultural use and have 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
- Elegant powder coated sheet metal box made from 0.8 mm CRCA sheet



New 3Ø DOL Starters in SS Enclosure [HSN Code: 8536] GST@18%

Reference	Relay Range (Amp)	Max. Motor Output at 415V, 3 Ph		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
CS1DO■1525NR	1.5~2.5	0.75	1	3110	1
CS1DO■2504NR	2.5~4	1.5	2		
CS1DO■0406NR	4~6.5	3	4		
CS1DO■0610NR	6~10	4.5	6		
CS1DO■0914NR	9~14	5.5	7.5		
CS1DO■1118NR	11~18	5.5	7.5	3170	
CS1DO■1322NR	13~22	5.5	7.5	3230	
CS2DO■1322NR	13-22	5.5	7.5	3470	
CS2DO■2032NR	20~32	5.5	7.5	3560	
CS3DO■2032NR	20~32	5.5	7.5	3710	



New 3Ø Fully Automatic Star-Delta starters in SS Enclosure [HSN Code: 8536]

Reference	Relay Range (Amp)	Max. Motor Output at 415V, 3Ph		MRP (₹)	Std. Pkg. (Nos.)
		KW	HP		
CS1SD■0610NR	6~10	7.5	10	11340	1
CS1SD■0914NR	9~14	9.3	12.5		
CS1SD■1118NR	11~18	11	15	11480	
CS1SD■1322NR	13~22	11	15	11570	
CS2SD■1322NR	13~22	11	15	11740	
CS2SD■2032NR	20~32	11	15	11940	
CS3SD■2032NR	20~32	16	22	12240	



New 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		
BE1-DXM204■307NR	1.6~2.5	0.75	1	4810	6
BE1-DXM204■308NR	2.5~4	1.1/1.5	1.5/2		
BE1-DXM204■310NR	4~6	2.2	3		
BE1-DXM204■312NR	5.5~8	2.2	3		
BE1-DXM204■314NR	7~10	3.7	5		
BE1-DXM204■316XNR	9~14	3.7/4	5/5.5		
BE1-DXM204■321NR	13~18	5.5	7.5	5140	
BE1-DXM254■321XNR	14~22	7.5	10	5390	
BE1-DXM254■322NR	18~25	10	12	5580	
BE1-DXM404■353NR	23~32	11	15	7700	

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		
BE3-DXM204■308NR	2.5~4	1.5	2	15700	2
BE3-DXM204■310NR	4~6	2.2	3		
BE3-DXM204■312NR	5.5~8	3.7	5		
BE3-DXM204■314NR	7~10	5.5	7.5		
BE3-DXM204■316XNR	9~14	9	12		
BE3-DXM204■321NR	13~18	11	15	16180	
BE3-DXM254■321XNR	14~22	11	15	18520	
BE3-DXM254■322NR	18~25	11	15		
BE3-DXM254■353NR	23~32	15/18	20/25	19610	



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		
BE3-DXM204■314SANR	7~10	9	12	13040	2
BE3-DXM204■316XSANR	9~14	11	15		
BE3-DXM204■321SANR	13~18	15	20	13450	
BE3-DXM254■321XSANR	14~22	18	25	16690	
BE3-DXM254■322SANR	18~25	18	25		
BE3-DXM254■353SANR	23~32	22.5	30	18320	



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		
BE3-DXM204■307-PTNR	1.6~2.5	1.5	2	15760	1
BE3-DXM204■308-PTNR	2.5~4	3	4		
BE3-DXM204■310-PTNR	4~6	4	5.5		
BE3-DXM204■312-PTNR	5.5~8	5.5	7.5		
BE3-DXM204■316X-PTNR	9~14	11	15		
BE3-DXM204■321-PTNR	13~18	15	20	16270	
BE3-DXM254■321X-PTNR	14~22	18	25	18660	
BE3-DXM254■322 -PTNR	18~25	18	25		
BE3-DXM254■353 -PTNR	23~32	22.5	30	19730	

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

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

C&S electric

Protection Measurement & Control Devices



- 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

Digital Panel Meters

Features

- SMPS Auxiliary supply (35-300 VAC/DC)
- True RMS measurement
- High glow display for distant viewing
- Programmable CT & PT Ratio
- Programmable 1A/5A site selectable
- Accuracy class 1.0 / 0.5
- Auto / Manual display scroll
- Auto scaling of decimal Point



Description	Display	Reference	HSN Code	MRP (₹)
Single Phase Volt Meter 18-520V	1 Row, 4 Digit	CSM-AT-1-V	85364900	1550
Three Phase Volt Meter 10-300V (L-N), 18-520V (LL)	1 Row, 4 Digit	CSM-AT-3-V	85364900	2180
Three Phase Volt Meter 10-300V (L-N), 18-520V (LL)	3 Row, 4 Digit	CSM-AT-3-V3	85364900	2710
Single Phase Ampere Meter 50mA TO 6.0 A AC	1 Row, 4 Digit	CSM-AT-1-I	85364900	1550
Three Phase Ampere Meter 50mA TO 6.0 A AC	1 Row, 4 Digit	CSM-AT-3-I	85364900	2180
Three Phase Ampere Meter 50mA TO 6.0 A AC	3 Row, 4 Digit	CSM-AT-3-I3	85364900	2710

Multi Function Meters

Features

- SMPS Auxiliary supply (35-300 VAC/DC), True RMS measurement
- High glow display for distant viewing, Programmable CT & PT Ratio
- Programmable 1A/5A site selectable, Accuracy class 1.0 / 0.5, Auto / Manual display scroll
- Auto scaling of decimal Point, Optional RS-485 Modbus Communication



Description	Display	Reference	HSN Code	MRP (₹)
Single Phase VIF Meter VLN, I, F	1 Row, 4 Digit	CSM-AT-1-VIF	85364900	3390
Three Phase VIF Meter VLN, VLL, I1,I2,I3, F	3 Row, 4 Digit	CSM-AT-3-VIF	85364900	3600
Digital Frequency Meter 40-70 Hz	1 Row, 4 Digit	CSM-AT-F	85364900	1550
Digital RPM Meter 1500 RPM at 50 Hz	1 Row, 4 Digit	CSM-AT-FR	85364900	POR
Digital Hour Meter	1 Row, 4 Digit	CSM-AT-R	85364900	1650
DC Voltmeter 0-200 V	1 Row, 4 Digit	CSM-AT-MDC-V-200	85364900	POR
DC Ampere Meter 75 mV Shunt	1 Row, 4 Digit	CSM-AT-MDC-I-2000	85364900	
DC Ampere Meter 75 mV Shunt,	1 Row, 4 Digit	CSM-AT-MDC-I-10000	85364900	
Digital RPM Meter 1500 RPM at 10 VDC Or 3000 RPM at 10 VDC	1 Row, 4 Digit	CSM-AT-RPM	85364900	
New Multifunction Meter with Communication port RS 485.	7 Segment Display	CSM-AT-M5-C-COM	85364900	10210
New Multifunction Meter without Communication	7 Segment Display	CSM-AT-M5-C	85364900	9700

Power Factor Controller

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	12960
8 Stage APFC Controller with Single CT Input	CSPF-100-R08-110	85381010	15350
12 Stage APFC Controller with Single CT Input	CSPF-100-R12-110	85381010	17530
Single CT Input Controller (LCD based)			
6 Stage APFC Controller with Single CT Input	CSPF-200-R06-220	85381010	17280
8 Stage APFC Controller with Single CT Input	CSPF-200-R08-220	85381010	18940
12 Stage APFC Controller with Single CT Input	CSPF-200-R12-220	85381010	20720

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/ Earthfault (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	19960
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	19960
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	19960
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	19960
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	24950
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	24950
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	24950
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	24950
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	26200
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	26200
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	49900
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	36180
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	36180
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	36180
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	24950
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	24950
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	49900
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	49900
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	24950
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	49900
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	36180
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	36180
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	26200
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	26200
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	31820
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	36180



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	18090
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	18090
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	18090
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	18090
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	24950
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	30570
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	30570
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	28690
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	24950
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	26200
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	27440
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	28690
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	24950
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	26200
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	27440
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	28690
MPRO-90, External CT1 Rated current Range (0.2-10A), with internal residual calculation	MPRO-90-CT1-E	0.2~10	85364900	10980
MPRO-90, External CT2 Rated current Range (0.8-25A), with internal residual calculation	MPRO-90-CT2-E	0.8~25	85364900	10980
MPRO-90, External CT3 Rated current Range (2-62.5A), with internal residual calculation	MPRO-90-CT3-E	2.0~62.5	85364900	11610
MPRO-90, External CT4 Rated current Range (4-125A), with internal residual calculation	MPRO-90-CT4-E	4.0~125	85364900	13730
MPRO-90, External CT5 Rated current Range (8-250A), with internal residual calculation	MPRO-90-CT5-E	8.0~250	85364900	17470
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	23090
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	23090
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	23700
MPRO-90, External CT4 Rated current Range (4-125A), with internal residual calculation, star-Delta	MPRO-90-CT4-E-SDT	4.0~125	85364900	26200
MPRO-90, External CT5 Rated current Range (8-250A), with internal residual calculation, Star-Delta	MPRO-90-CT5-E-SDT	8.0~250	85364900	29950



Accessories			
Description	**Reference**	**HSN Code**	**MRP (₹)**
Current Transformer Ratio 100/5A, Burden 5VA, Cl.1.0	3-CT-100/5	85043100	5160
Current Transformer Ratio 200/5A, Burden 5VA, Cl.1.0	3-CT-200/5	85043100	5160
Current Transformer Ratio 300/5A, Burden 5VA, Cl.1.0	3-CT-300/5	85043100	6430
Current Transformer Ratio 400/5A, Burden 5VA, Cl.1.0	3-CT-400/5	85043100	6430
Current Transformer Ratio 500/5A, Burden 5VA, Cl.1.0	3-CT-500/5	85043100	9110
Current Transformer Ratio 600/5A, Burden 5VA, Cl.1.0	3-CT-600/5	85043100	9110

ORDERING INFORMATION

mPRO-90

mPRO – 90 – xxx – x – xxx

Protection Model Series

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

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

mPRO-100/200-V2

mPRO – XXX – X – X – X – X – V2

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

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

Electronic Motor Protection Relay - CSMP

Protection

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

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	17860
Relay CSMPA-40-3SR,40A,100-260VAC	CSMPA-40-3SR,40A,100-260VAC	8.0~40	85364900	16670
Relay CSMPA-40-3SR,20A,100-260VAC	CSMPA-40-3SR,20A,100-260VAC	4.0~20	85364900	16670
Relay CSMPA-22-3SR,22A,100-260VAC	CSMPA-22-3SR,22A,100-260VAC	4.4~22	85364900	16670
Relay CSMPA-22-3SR,5A,100-260VAC	CSMPA-22-3SR,5A,100-260VAC	1.0~5	85364900	16670
Relay CSMPA-22-3SR,1.5A,100-260VAC	CSMPA-22-3SR,1.5A,100-260VAC	0.3~1.5	85364900	16670
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	32150
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	38110
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	32150
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	38110
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	32150
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	47640
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	32150
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	38110
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	32150
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	38110
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	32150
IMC-IIIM4852MAC110V50/60Hz	IMC-III-M485-2-MAC110V50/60Hz	6 / 60	85364900	88730
Relay IMP-CNOAC/DC85-245V	IMP-C-NO AC/DC85-245V	10 / 100	85364900	44060
Relay IMP-CA420AC/DC85-245V	IMP-C-A420 AC/DC85-245V	10 / 100	85364900	50620
Relay IMP-C-M485-AC/DC 85-245-40/60	IMP-C-M485-AC/DC 85-245-40/60	10 / 100	85364900	50620
Relay CSMPA-60-T,6A,220VAC	CSMPA-60-T,6A,220VAC	0.5~6.0	85364900	6960
Relay CSMPA-60-T,60A,220VAC	CSMPA-60-T,60A,220VAC	5.0~60	85364900	6960
Relay CSMPA-60-T,60A,110VAC	CSMPA-60-T,60A,110VAC	s5.0~60	85364900	6960
Relay CSMPA-60-T,6A,110VAC	CSMPA-60-T,6A,110VAC	0.5~6.0	85364900	6960
Relay CSMPA-60-T,60A,415VAC	CSMPA-60-T,60A,415VAC	5.0~60	85364900	6960
Relay CSMPA-60-T,6A,415VAC	CSMPA-60-T,6A,415VAC	0.5~60	85364900	6960

Accessories

Description	Reference	HSN Code	MRP (₹)
Display Cable-1-1.15 m	ASSY.,(1-1.5)CSMPM	85381090	3820
Display Cable-4 m	ASSY.,(4M)CSMPM	85381090	4180
Z-CTD with ID=30mm	Z-CTD30	85043100	5060
Z-CTD with ID=50mm	Z-CTD50	85043100	5710
Z-CTD with ID=65mm	Z-CTD65	85043100	6320
Z-CTD with ID=80mm	Z-CTD80	85043100	6910

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	7750
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	11910
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	14890
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	5960
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	6550
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	6550
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	17860
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	7750
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	6550
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	14890

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	25010
Relay EC-RXA_V2	EC-RXA_V2	85364900	15190
Relay EGA-250-0	EGA-250-0	85364900	17860
Relay EC2(VER 2.10)	EC2-V2.10	85364900	25010
AMF Relay CD2.0 with MPU	AMF RELAY CD2.0 WITH MPU	85364900	19650
AMF Relay CD 5.0	AMF Relay CD 5.0	85364900	53590
Relay DG Synchronizer Relay CD5.0 with RS485/Ethernet	DG SYNC RELAY CD5.0 RS485/ETHERNET	85364900	179830
Relay EGC-250-0	EGC-250-0	85364900	19060

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	9180
Monitoring relays - ENYA series, Voltage monitoring in 3- and 1-phase mains	E1YM400VS10 (1340405H)	85364900	5660
Monitoring relays - GAMMA series, AC/DC current monitoring in 1-phase mains	G2IM10AL20,24-240V (2390410)	85364900	28580
ENYA series-Multifunction Timer,Up to 7 functions,7 time ranges,Wide input voltage range	E1ZM10 12-240VAC/DC	85364900	9530
Monitoring relays - ENYA series, Tripping unit for temperature monitoring	E3TF01 230VAC	85364900	15490
Monitoring relays - ENYA series - AC/DC current monitoring in 1-phase mains	E3IM10AL20,230VAC (1341200)	85364900	24050
ENYA series, Timers - Multifunctional,Up to 7 functions,7 time ranges,Wide input voltage range	E1ZMQ10,24-240VAC/DC	85364900	9530
ENYA series- Timers - Asymmetric flasher	E1ZI10 12-240VAC/DC	85364900	9530
Monitoring relays - GAMMA series,Voltage monitoring in 3-phase mains	G2PM690VSY20	85364900	29780
Monitoring relays - GAMMA series, Voltage monitoring in 3-phase mains	G2PM400VSY20(2390504)	85364900	22040
Monitoring relays - GAMMA series,a.c./d.c. current monitoring in 1-phase mains	G2IM5AL20,24-240V	85364900	28580
Monitoring relays - GAMMA series, a.c./d.c. current monitoring in 1-phase mains	G2IM10AL20 24-240V AC/DC	85364900	28580
Monitoring Relays-TR Series	TR2-400VAC(282117)	85364900	2860

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C&S electric

Final Power Distribution Components

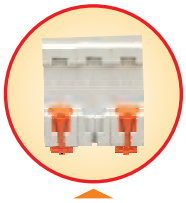


Miniature Circuit Breakers ■ Residual Current Circuit Breakers

Isolators ■ MCB Type Changeover Switches ■ ACCL ■ Distribution Boards

Cable End Boxes ■ Plugs & Socket DBs ■ MCB Enclosures

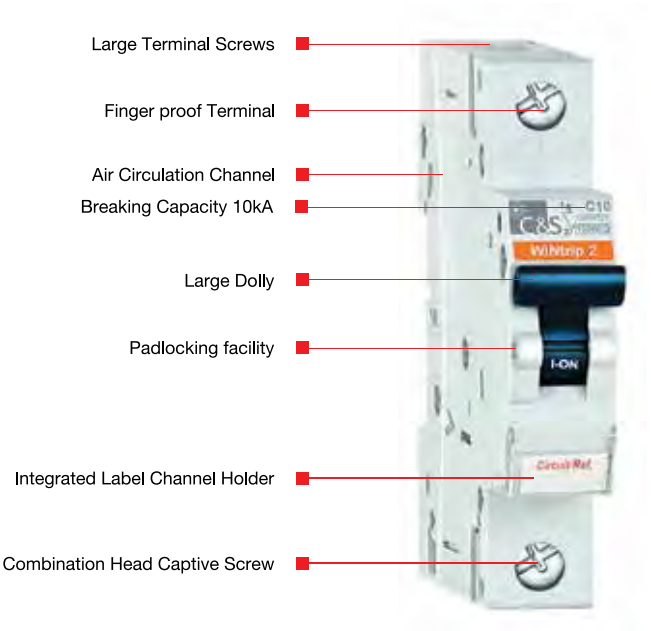
WiNtrip2 Miniature Circuit Breaker



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	290	12
10	CSMBS1B10	290	
16	CSMBS1B16	290	
20	CSMBS1B20	290	
25	CSMBS1B25	290	
32	CSMBS1B32	290	
40	CSMBS1B40	670	
50	⊠CSMBS1B50	760	
63	CSMBS1B63	760	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
6	CSMBS3B6	1570	4
10	CSMBS3B10	1570	
16	CSMBS3B16	1570	
20	CSMBS3B20	1570	
25	CSMBS3B25	1570	
32	CSMBS3B32	1570	
40	CSMBS3B40	2330	
50	⊠CSMBS3B50	2330	
63	CSMBS3B63	2330	



1 Pole + N			
6	CSMBS1B6N	940	6
10	CSMBS1B10N	940	
16	CSMBS1B16N	940	
20	CSMBS1B20N	940	
25	CSMBS1B25N	940	
32	CSMBS1B32N	940	
40	CSMBS1B40N	1370	
50	⊠CSMBS1B50N	1550	
63	CSMBS1B63N	1550	

3 Pole + N			
6	⊠CSMBS3B6N	2050	3
10	⊠CSMBS3B10N	2050	
16	CSMBS3B16N	2050	
20	⊠CSMBS3B20N	2050	
25	⊠CSMBS3B25N	2050	
32	CSMBS3B32N	2050	
40	CSMBS3B40N	2740	
50	⊠CSMBS3B50N	3040	
63	CSMBS3B63N	3040	



2 Pole			
6	CSMBS2B6	1050	6
10	CSMBS2B10	1050	
16	CSMBS2B16	1050	
20	CSMBS2B20	1050	
25	CSMBS2B25	1050	
32	CSMBS2B32	1050	
40	CSMBS2B40	1480	
50	⊠CSMBS2B50	1710	
63	CSMBS2B63	1710	

4 Pole			
6	⊠CSMBS4B6	2270	3
10	⊠CSMBS4B10	2270	
16	⊠CSMBS4B16	2270	
20	⊠CSMBS4B20	2270	
25	⊠CSMBS4B25	2270	
32	CSMBS4B32	2270	
40	CSMBS4B40	2970	
50	CSMBS4B50	3170	
63	CSMBS4B63	3170	

⊠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	510	12
1	CSMBS1C1	510	
2	CSMBS1C2	510	
3	⊠CSMBS1C3	510	
4	CSMBS1C4	510	
5	⊠CSMBS1C5	510	
6	CSMBS1C6	300	
10	CSMBS1C10	300	
16	CSMBS1C 16	300	
20	CSMBS1C20	300	
25	CSMBS1C25	300	
32	CSMBS1C32	300	
40	CSMBS1C40	720	
50	⊠CSMBS1C50	770	
63	CSMBS1C63	770	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
0.5	⊠CSMBS3C0.5	2070	4
1	⊠CSMBS3C1	2070	
2	CSMBS3C2	2070	
3	⊠CSMBS3C3	2070	
4	⊠CSMBS3C4	2070	
5	CSMBS3C5	2070	
6	CSMBS3C6	1660	
10	CSMBS3C10	1660	
16	CSMBS3C16	1660	
20	CSMBS3C20	1660	
25	CSMBS3C25	1660	
32	CSMBS3C32	1660	
40	CSMBS3C40	2460	
50	CSMBS3C50	2560	
63	CSMBS3C63	2560	



1 Pole + N			
0.5	CSMBS1C0.5N	1420	6
1	⊠CSMBS1C1N	1420	
2	⊠CSMBS1C2N	1420	
3	⊠CSMBS1C3N	1420	
4	CSMBS1C4N	1420	
5	CSMBS1C5N	1420	
6	⊠CSMBS1C6N	1010	
10	CSMBS1C10N	1010	
16	CSMBS1C16N	1010	
20	CSMBS1C20N	1010	
25	⊠CSMBS1C25N	1010	
32	CSMBS1C32N	1010	
40	⊠CSMBS1C40N	1460	
50	⊠CSMBS1C50N	1650	
63	CSMBS1C63N	1650	

3 Pole + N			
0.5	CSMBS3C0.5N	2690	3
1	CSMBS3C1N	2690	
2	⊠CSMBS3C2N	2690	
3	CSMBS3C3N	2690	
4	CSMBS3C4N	2690	
5	CSMBS3C5N	2690	
6	CSMBS3C6N	2110	
10	⊠CSMBS3C10N	2110	
16	CSMBS3C16N	2110	
20	CSMBS3C20N	2110	
25	CSMBS3C25N	2110	
32	CSMBS3C32N	2110	
40	CSMBS3C40N	2870	
50	⊠CSMBS3C50N	3050	
63	CSMBS3C63N	3050	



2 Pole			
0.5	CSMBS2C0.5	1470	6
1	⊠CSMBS2C1	1470	
2	CSMBS2C2	1470	
3	⊠CSMBS2C3	1470	
4	CSMBS2C4	1470	
5	CSMBS2C5	1470	
6	CSMBS2C6	1050	
10	CSMBS2C10	1050	
16	CSMBS2C16	1050	
20	CSMBS2C20	1050	
25	CSMBS2C25	1050	
32	CSMBS2C32	1050	
40	CSMBS2C40	1550	
50	⊠CSMBS2C50	1750	
63	CSMBS2C63	1750	

4 Pole			
0.5	CSMBS4C0.5	2860	3
1	CSMBS4C1	2860	
2	⊠CSMBS4C2	2860	
3	CSMBS4C3	2860	
4	⊠CSMBS4C4	2860	
5	CSMBS4C5	2860	
6	CSMBS4C6	2330	
10	CSMBS4C10	2330	
16	CSMBS4C16	2330	
20	CSMBS4C20	2330	
25	CSMBS4C25	2330	
32	CSMBS4C32	2330	
40	CSMBS4C40	3200	
50	CSMBS4C50	3310	
63	CSMBS4C63	3310	

⊠Non Stockable item

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	580	12
1	CSMBS1D1	580	
2	⊠CSMBS1D2	580	
3	CSMBS1D3	580	
4	CSMBS1D4	580	
5	CSMBS1D5	580	
6	⊠CSMBS1D6	480	
10	⊠CSMBS1D10	480	
16	⊠CSMBS1D16	480	
20	⊠CSMBS1D20	480	
25	⊠CSMBS1D25	480	
32	⊠CSMBS1D32	480	
40	CSMBS1D40	810	
50	CSMBS1D50	910	
63	CSMBS1D63	910	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
0.5	CSMBS3D0.5	2310	4
1	CSMBS3D1	2310	
2	CSMBS3D2	2310	
3	CSMBS3D3	2310	
4	CSMBS3D4	2310	
5	CSMBS3D5	2310	
6	⊠CSMBS3D6	1830	
10	CSMBS3D10	1830	
16	⊠CSMBS3D16	1830	
20	⊠CSMBS3D20	1830	
25	⊠CSMBS3D25	1830	
32	⊠CSMBS3D32	1830	
40	⊠CSMBS3D40	2770	
50	CSMBS3D50	2870	
63	⊠CSMBS3D63	2870	



1 Pole + N			
0.5	CSMBS1D0.5N	1460	6
1	CSMBS1D1N	1460	
2	CSMBS1D2N	1460	
3	CSMBS1D3N	1460	
4	CSMBS1D4N	1460	
5	CSMBS1D5N	1460	
6	CSMBS1D6N	1150	
10	CSMBS1D10N	1150	
16	CSMBS1D16N	1150	
20	CSMBS1D20N	1150	
25	CSMBS1D25N	1150	
32	⊠CSMBS1D32N	1150	
40	CSMBS1D40N	1710	
50	CSMBS1D50N	1830	
63	⊠CSMBS1D63N	1830	

3 Pole + N			
0.5	CSMBS3D0.5N	2980	3
1	CSMBS3D1N	2980	
2	CSMBS3D2N	2980	
3	CSMBS3D3N	2980	
4	CSMBS3D4N	2980	
5	CSMBS3D5N	2980	
6	CSMBS3D6N	2720	
10	CSMBS3D10N	2720	
16	⊠CSMBS3D16N	2720	
20	CSMBS3D20N	2720	
25	⊠CSMBS3D25N	2720	
32	⊠CSMBS3D32N	2720	
40	CSMBS3D40N	3010	
50	CSMBS3D50N	3150	
63	⊠CSMBS3D63N	3150	



2 Pole			
0.5	⊠CSMBS2D0.5	1550	6
1	CSMBS2D1	1550	
2	⊠CSMBS2D2	1550	
3	CSMBS2D3	1550	
4	⊠CSMBS2D4	1550	
5	CSMBS2D5	1550	
6	⊠CSMBS2D6	1230	
10	⊠CSMBS2D10	1230	
16	⊠CSMBS2D16	1230	
20	⊠CSMBS2D20	1230	
25	⊠CSMBS2D25	1230	
32	⊠CSMBS2D32	1230	
40	CSMBS2D40	1790	
50	CSMBS2D50	1870	
63	⊠CSMBS2D63	1870	

4 Pole			
0.5	CSMBS4D0.5	3050	3
1	CSMBS4D1	3050	
2	CSMBS4D2	3050	
3	CSMBS4D3	3050	
4	CSMBS4D4	3050	
5	CSMBS4D5	3050	
6	CSMBS4D6	2800	
10	CSMBS4D10	2800	
16	⊠CSMBS4D16	2800	
20	CSMBS4D20	2800	
25	CSMBS4D25	2800	
32	CSMBS4D32	2800	
40	⊠CSMBS4D40	3400	
50	CSMBS4D50	3730	
63	⊠CSMBS4D63	3730	

⊠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	590	12
1	CSMBS1K1	590	
2	CSMBS1K2	590	
3	CSMBS1K3	590	
4	CSMBS1K4	590	
5	CSMBS1K5	590	
6	CSMBS1K6	370	
10	CSMBS1K10	370	
16	CSMBS1K16	370	
20	CSMBS1K20	370	
25	CSMBS1K25	370	
32	CSMBS1K32	370	
40	CSMBS1K40	830	
50	CSMBS1K50	910	
63	CSMBS1K63	910	
1 Pole + N			
0.5	CSMBS1K0.5N	1590	6
1	CSMBS1K1N	1590	
2	CSMBS1K2N	1590	
3	CSMBS1K3N	1590	
4	CSMBS1K4N	1590	
5	CSMBS1K5N	1590	
6	CSMBS1K6N	1130	
10	CSMBS1K10N	1130	
16	CSMBS1K16N	1130	
20	CSMBS1K20N	1130	
25	CSMBS1K25N	1130	
32	CSMBS1K32N	1130	
40	CSMBS1K40N	1620	
50	CSMBS1K50N	1830	
63	CSMBS1K63N	1830	
2 Pole			
0.5	CSMBS2K0.5	1670	6
1	CSMBS2K1	1670	
2	CSMBS2K2	1670	
3	CSMBS2K3	1670	
4	CSMBS2K4	1670	
5	CSMBS2K5	1670	
6	CSMBS2K6	1200	
10	CSMBS2K10	1200	
16	CSMBS2K16	1200	
20	CSMBS2K20	1200	
25	CSMBS2K25	1200	
32	CSMBS2K32	1200	
40	CSMBS2K40	1790	
50	CSMBS2K50	2030	
63	CSMBS2K63	2030	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
0.5	CSMBS3K0.5	2320	4
1	CSMBS3K1	2320	
2	CSMBS3K2	2320	
3	CSMBS3K3	2320	
4	CSMBS3K4	2320	
5	CSMBS3K5	2320	
6	CSMBS3K6	1920	
10	CSMBS3K10	1920	
16	CSMBS3K16	1920	
20	CSMBS3K20	1920	
25	CSMBS3K25	1920	
32	CSMBS3K32	1920	
40	CSMBS3K40	2800	
50	CSMBS3K50	2980	
63	CSMBS3K63	2980	
3 Pole + N			
0.5	CSMBS3K0.5N	3000	3
1	CSMBS3K1N	3000	
2	CSMBS3K2N	3000	
3	CSMBS3K3N	3000	
4	CSMBS3K4N	3000	
5	CSMBS3K5N	3000	
6	CSMBS3K6N	2450	
10	CSMBS3K10N	2450	
16	CSMBS3K16N	2450	
20	CSMBS3K20N	2450	
25	CSMBS3K25N	2450	
32	CSMBS3K32N	2450	
40	CSMBS3K40N	3290	
50	CSMBS3K50N	3530	
63	CSMBS3K63N	3530	
4 Pole			
0.5	CSMBS4K0.5	3200	3
1	CSMBS4K1	3200	
2	CSMBS4K2	3200	
3	CSMBS4K3	3200	
4	CSMBS4K4	3200	
5	CSMBS4K5	3200	
6	CSMBS4K6	2720	
10	CSMBS4K10	2720	
16	CSMBS4K16	2720	
20	CSMBS4K20	2720	
25	CSMBS4K25	2720	
32	CSMBS4K32	2720	
40	CSMBS4K40	3640	
50	CSMBS4K50	3930	
63	CSMBS4K63	3930	

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

☒Non Stockable item

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C&S electric



WiNtrip2 DC MCB

- Range: 6A-40A
- 250V (1 Pole) & 500V (2 Pole)
- Breaking Capacity: 3kA / 6kA
- Standard Conformity: IEC609472;2016

CE | IECEE | RoHS Compliant

We touch your electricity everyday!

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	650	12
DC MCB SP 10A-250V	10	CSMBS1DC10-250	650	
DC MCB SP 16A-250V	16	CSMBS1DC16-250	650	
DC MCB SP 20A-250V	20	CSMBS1DC20-250	650	
DC MCB SP 25A-250V	25	CSMBS1DC25-250	650	
DC MCB SP 32A-250V	32	CSMBS1DC32-250	650	
DC MCB SP 40A-250V	40	CSMBS1DC40-250	910	
Shorting link		SHMT8101	120	
2 Pole				
DC MCB DP 6A-500V	6	CSMBS2DC6-500	1370	6
DC MCB DP 10A-500V	10	CSMBS2DC10-500	1370	
DC MCB DP 16A-500V	16	CSMBS2DC16-500	1370	
DC MCB DP 20A-500V	20	CSMBS2DC20-500	1370	
DC MCB DP 25A-500V	25	CSMBS2DC25-500	1370	
DC MCB DP 32A-500V	32	CSMBS2DC32-500	1370	
DC MCB DP 40A-500V	40	CSMBS2DC40-500	1960	
Shorting link		SHMT8101	120	

DC MCB-Series

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
0.5	☒CSMBS1DC0.5	680	12
1	☒CSMBS1DC1	680	
2	☒CSMBS1DC2	680	
3	CSMBS1DC3	680	
4	☒CSMBS1DC4	680	
5	☒CSMBS1DC5	680	
6	CSMBS1DC6	590	
10	☒CSMBS1DC10	590	
16	☒CSMBS1DC16	590	
20	☒CSMBS1DC20	590	
25	☒CSMBS1DC25	590	
32	☒CSMBS1DC32	590	
40	☒CSMBS1DC40	830	
50	☒CSMBS1DC50	960	
63	☒CSMBS1DC63	960	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
0.5	CSMBS2DC0.5	1600	6
1	CSMBS2DC1	1600	
2	☒CSMBS2DC2	1600	
3	CSMBS2DC3	1600	
4	CSMBS2DC4	1600	
5	CSMBS2DC5	1600	
6	CSMBS2DC6	1240	
10	CSMBS2DC10	1240	
16	CSMBS2DC16	1240	
20	CSMBS2DC20	1240	
25	CSMBS2DC25	1240	
32	CSMBS2DC32	1240	
40	☒CSMBS2DC40	1730	
50	☒CSMBS2DC50	1950	
63	CSMBS2DC63	1950	

Acessories (Site fit-able)

[HSN Code: 8538]

Description	Product Code	Confirguration	Type of contact	Fitment	Module Size	Suitable MCB Rating (A)	MRP (₹)
Auxilary Contact	CSMBAXSF1	1NO-1NC	Changeover	Right	9 mm	Wintrip2 0.5-63	1150
Auxilary Contact	CSMBAXSF2	2NO-2NC	Changeover	Right	9 mm	Wintrip2 0.5-63	1200
Auxilary Contact	CSMBAXSF11	1NO-1NC	Potential free	Left	18 mm	Wintrip2 0.5-63	1150
Alarm Contact	CSMBALSF1	1 Changeover	Changeover	Right	9 mm	Wintrip2 0.5-63	1000
Shunt Trip	CSMBS012DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1370
Shunt Trip	CSMBS024DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1370
Shunt Trip	CSMBS048DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1370
Shunt Trip	CSMBS220ACSF	-	-	Left	18 mm	Wintrip2 0.5-63	1370

☒Non Stockable item

WiNtrip2 Isolator (IEC 60947-3)



[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
25	CSMBS1SD25	390	12
40	CSMBS1SD40	520	
63	CSMBS1SD63	570	
80	CSMBS1SD80	640	
100	CSMBS1SD100	750	
125	CSMBS1SD125	870	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
25	CSMBS3SD25	1230	4
40	CSMBS3SD40	1410	
63	CSMBS3SD63	1580	
80	CSMBS3SD80	1800	
100	CSMBS3SD100	1870	
125	CSMBS3SD125	1970	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
25	CSMBS2SD25	650	6
40	CSMBS2SD40	730	
63	CSMBS2SD63	910	
80	CSMBS2SD80	1150	
100	CSMBS2SD100	1180	
125	CSMBS2SD125	1320	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
25	CSMBS4SD25	1300	3
40	CSMBS4SD40	1610	
63	CSMBS4SD63	1770	
80	CSMBS4SD80	2180	
100	CSMBS4SD100	2210	
125	CSMBS4SD125	2440	



[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
25	⊠CSMBS1ISO25	350	12
40	⊠CSMBS1ISO40	470	
63	⊠CSMBS1ISO63	520	
80	CSMBS1ISO80	580	
100	⊠CSMBS1ISO100	670	
125	⊠CSMBS1ISO125	790	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
25	CSMBS3ISO25	1090	4
40	CSMBS3ISO40	1240	
63	CSMBS3ISO63	1400	
80	⊠CSMBS3ISO80	1600	
100	CSMBS3ISO100	1650	
125	⊠CSMS3ISO125	1740	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
25	CSMBS2ISO25	590	6
40	CSMBS2ISO40	650	
63	CSMBS2ISO63	820	
80	⊠CSMBS2ISO80	1040	
100	CSMBS2ISO100	1060	
125	CSMBS2ISO125	1180	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
25	⊠CSMBS4ISO25	1150	3
40	CSMBS4ISO40	1420	
63	CSMBS4ISO63	1570	
80	⊠CSMBS4ISO80	1930	
100	CSMBS4ISO100	1960	
125	CSMBS4ISO125	2170	

Available till the stock last

Higher Rating Miniature Circuit Breakers (IEC 60947-2)

[HSN Code: 8536]





Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
80	CSMBH1C80	2800	3
100	CSMBH1C100	3140	
125	CSMBH1C125	3400	
2 Pole			
80	CSMBH2C80	6220	3
100	CSMBH2C100	6650	
125	☒CSMBH2C125	7310	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
80	CSMBH3C80	9820	1
100	CSMBH3C100	10460	
125	CSMBH3C125	11610	
4 Pole			
80	CSMBH4C80	12500	1
100	CSMBH4C100	13040	
125	CSMBH4C125	14720	

Accessories (Site fit-able) [HSN Code: 8538]

Description	Product Code	Confirguration	Type of contact	Fitment	Module Size	Suitable MCB Rating (A)	MRP (₹)
Auxilary Contact	CSMBAXHSF1	1NO-1NC	Changeover	Right	9 mm	Wintrip2 80-100	1250
Auxilary Contact	CSMBAXHSF2	2NO-2NC	Changeover	Right	9 mm	Wintrip2 80-100	1310
Alarm Contact	CSMBALHSF1	1 Changeover	Changeover	Right	9 mm	Wintrip2 80-100	1250
Shunt Trip	CSMBHS012DCSF	-	-	Left	18 mm	Wintrip2 80-100	1470
Shunt Trip	CSMBHS024DCSF	-	-	Left	18 mm	Wintrip2 80-100	1470
Shunt Trip	CSMBHS048DCSF	-	-	Left	18 mm	Wintrip2 80-100	1470
Shunt Trip	CSMBHS220ACSF	-	-	Left	18 mm	Wintrip2 80-100	1470

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	2010	6
Two way centre OFF Changeover Switch	2	40	CSCOS2P40A	2980	
Two way centre OFF Changeover Switch	2	63	CSCOS2P63A	3450	
4 Pole					
Two way centre OFF Changeover Switch	4	25	CSCOS4P25A	3800	3
Two way centre OFF Changeover Switch	4	40	CSCOS4P40A	5690	
Two way centre OFF Changeover Switch	4	63	CSCOS4P63A	6110	

[HSN Code: 8536]



SmartSol Mini MCB DP

Description	Current rating (Amps.)	Reference	MRP (₹)
DP "C" 6~32A Mini MCB with Enclosure	6~32	CSMBSS2C6~32☒	670
SPN "C" 6~32A Mini MCB with Enclosure	6~32	CSMBSS1C6~32*N	670

☒Non Stockable item

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C&S electric

WiNtrip 2 | RCBO

RCCB with Over-current Protection



CE RoHS COMPLIANT

We touch your electricity everyday!

WiNtrip2 RCBO

RCBO
RCCB with Over-current Protection

Features:

- Range: 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
- Humidity should not exceeding 50% at 40 °C and not exceeding 90% at 25 °C
- Pollution degree 2
- Ambient operating temperature 30 °C
- The 35 Sq. mm Terminal is designed to incorporate wires of bigger sizes





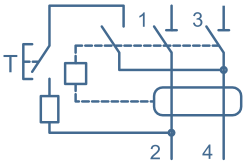
2 Pole (4 Module)	
Product Code	**MRP (₹)**
CSRCBO2PC06A30-10KA	4330
CSRCBO2PC10A30-10KA	4330
CSRCBO2PC16A30-10KA	4330
CSRCBO2PC20A30-10KA	4330
CSRCBO2PC25A30-10KA	4330
CSRCBO2PC32A30-10KA	4330
CSRCBO2PC40A30-10KA	4330
CSRCBO2PC63A30-10KA	5420
CSRCBO2PC10A100-10KA	4420
CSRCBO2PC16A100-10KA	4420
CSRCBO2PC20A100-10KA	4420
CSRCBO2PC25A100-10KA	4420
CSRCBO2PC32A100-10KA	4420
CSRCBO2PC40A100-10KA	4420
CSRCBO2PC63A100-10KA	5750
CSRCBO2PC10A300-10KA	4470
CSRCBO2PC16A300-10KA	4470
CSRCBO2PC20A300-10KA	4470
CSRCBO2PC25A300-10KA	4470
CSRCBO2PC32A300-10KA	4470
CSRCBO2PC40A300-10KA	4470
CSRCBO2PC63A300-10KA	5800

4 Pole (8 Module)	
Product Code	**MRP (₹)**
CSRCBO4PC06A30-10KA	5110
CSRCBO4PC10A30-10KA	5110
CSRCBO4PC16A30-10KA	5110
CSRCBO4PC20A30-10KA	5110
CSRCBO4PC25A30-10KA	5110
CSRCBO4PC32A30-10KA	5280
CSRCBO4PC40A30-10KA	5360
CSRCBO4PC63A30-10KA	6420
CSRCBO4PC10A100-10KA	5690
CSRCBO4PC16A100-10KA	5690
CSRCBO4PC20A100-10KA	5690
CSRCBO4PC25A100-10KA	5690
CSRCBO4PC32A100-10KA	5690
CSRCBO4PC40A100-10KA	5690
CSRCBO4PC63A100-10KA	6540
CSRCBO4PC10A300-10KA	5800
CSRCBO4PC16A300-10KA	5800
CSRCBO4PC20A300-10KA	5800
CSRCBO4PC25A300-10KA	5800
CSRCBO4PC32A300-10KA	5820
CSRCBO4PC40A300-10KA	5840
CSRCBO4PC63A300-10KA	6540

WiNtrip Residual Current Circuit Breaker



2 Pole, 30mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	**Product Code**	**MRP (₹)**	**Std. Pkg. (Nos.)**
10	CSRB2P10A30-10kA	3720	6
16	CSRB2P16A30-10kA	3720	
20	⊠CSRB2P20A30-10kA	3720	
25	CSRB2P25A30-10kA	3830	
32	CSRB2P32A30-10kA	3920	
40	CSRB2P40A30-10kA	3950	
63	CSRB2P63A30-10kA	5270	
80	⊠CSRB2P80A30-10kA	7860	
100	⊠CSRB2P100A30-10kA	7900	



2 Pole, 100mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	**Product Code**	**MRP (₹)**	**Std. Pkg. (Nos.)**
10	⊠CSRB2P10A100-10kA	3720	6
16	CSRB2P16A100-10kA	3720	
20	⊠CSRB2P20A100-10kA	3720	
25	CSRB2P25A100-10kA	3830	
32	CSRB2P32A100-10kA	3920	
40	CSRB2P40A100-10kA	3950	
63	CSRB2P63A100-10kA	5270	
80	CSRB2P80A100-10kA	7860	
100	⊠CSRB2P100A100-10kA	7900	



Test Button



Bi-connect Terminals

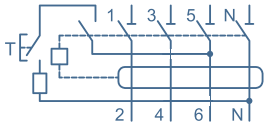
2 Pole, 300mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	**Product Code**	**MRP (₹)**	**Std. Pkg. (Nos.)**
10	CSRB2P10A300-10kA	3730	6
16	⊠CSRB2P16A300-10kA	3730	
20	CSRB2P20A300-10kA	3740	
25	CSRB2P25A300-10kA	4040	
32	⊠CSRB2P32A300-10kA	4080	
40	⊠CSRB2P40A300-10kA	4330	
63	⊠CSRB2P63A300-10kA	5420	
80	⊠CSRB2P80A300-10kA	7900	
100	CSRB2P100A300-10kA	7940	

⊠Non Stockable item

WiNtrip Residual Current Circuit Breaker



4 Pole, 30mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	**Product Code**	**MRP (₹)**	**Std. Pkg. (Nos.)**
10	☒CSRB4P10A30-10kA	4630	3
16	CSRB4P16A30-10kA	4650	
20	☒CSRB4P20A30-10kA	4690	
25	CSRB4P25A30-10kA	4920	
32	CSRB4P32A30-10kA	4930	
40	CSRB4P40A30-10kA	5040	
63	CSRB4P63A30-10kA	5730	
80	CSRB4P80A30-10kA	8660	
100	☒CSRB4P100A30-10kA	8900	



4 Pole, 100mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	**Product Code**	**MRP (₹)**	**Std. Pkg. (Nos.)**
10	☒CSRB4P10A100-10kA	4630	3
16	☒CSRB4P16A100-10kA	4650	
20	CSRB4P20A100-10kA	4690	
25	CSRB4P25A100-10kA	4920	
32	CSRB4P32A100-10kA	4930	
40	CSRB4P40A100-10kA	5040	
63	CSRB4P63A100-10kA	5730	
80	CSRB4P80A100-10kA	8660	
100	CSRB4P100A100-10kA	8900	



Test Button



Bi-connect Terminals

4 Pole, 300mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	**Product Code**	**MRP (₹)**	**Std. Pkg. (Nos.)**
10	☒CSRB4P10A300-10kA	4650	3
16	☒CSRB4P16A300-10kA	4680	
20	CSRB4P20A300-10kA	4720	
25	☒CSRB4P25A300-10kA	5150	
32	☒CSRB4P32A300-10kA	5150	
40	CSRB4P40A300-10kA	5370	
63	CSRB4P63A300-10kA	5770	
80	☒CSRB4P80A300-10kA	8720	
100	CSRB4P100A300-10kA	8940	

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	4330
TCALSS010	30	1	4330
TCALSS015	30	1.5	4330
TCALSS025	30	2.5	4330
TCALSS030	30	3	4330
TCALSS040	30	4	4330
TCALSS050	30	5	4330
TCALSS060	30	6	4330
TCALSS080	30	8	4330
TCALSS090	30	9	4330
TCALSS100	30	10	4330
TCALSS150	30	15	4330
TCALSS200	30	20	4330
TCALSS250	30	25	4330
TCALSS300	30	30	4330

☒Non Stockable item



Epitome

IP43 Distribution Boards

for Residential & Industrial applications

- 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

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	2400
SPN Double Door 06 Way IP43 DB	CSDBSPNPWXDD06	6	2810
SPN Double Door 08 Way IP43 DB	CSDBSPNPWXDD08	8	3030
SPN Double Door 10 Way IP43 DB	CSDBSPNPWXDD10	10	3650
SPN Double Door12 Way IP43 DB	CSDBSPNPWXDD12	12	3840
SPN Double Door 16 Way IP43 DB	CSDBSPNPWXDD16	16	4890
SPN Double Door 20 Way IP43 DB	CSDBSPNPWXDD20	20	6600
TPN Distribution Board			
TPNH Double Door 04 Way IP43 DB	CSDBTPNHPWXDD04	8+12	6460
TPNH Double Door 06 Way IP43 DB	CSDBTPNHPWXDD06	8+18	8070
TPNH Double Door 08 Way IP43 DB	CSDBTPNHPWXDD08	8+24	10030
TPNH Double Door 12 Way IP43 DB	CSDBTPNHPWXDD12	8+36	13590
TPNH Double Door 16 Way IP43 DB	CSDBTPNHPWXDD16	8+48	17710

☒ Non Stockable item

EPiTOME IP43 Distribution Boards

[HSN Code: 8537]

Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
PPI Vertical Distribution Board			
4 Way Double Door	CSDBTPNVPPIWXDD04	8+18	10650
6 Way Double Door	CSDBTPNVPPIWXDD06	8+24	11150
8 Way Double Door	CSDBTPNVPPIWXDD08	8+30	12790
12 Way Double Door	CSDBTPNVPPIWXDD12	8+42	15860
PPI Horizontal Distribution Board			
4 Way Double Door	CSDBTPNHPPIWXDD04	8+6+12	9250
6 Way Double Door	CSDBTPNHPPIWXDD06	8+6+18	10440
8 Way Double Door	CSDBTPNHPPIWXDD08	8+6+24	11890
12 Way Double Door	CSDBTPNHPPIWXDD12	8+6+36	14900
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	16770
DB MCCB AS I/C 125A DD06 Way	CSDBMCCB125PWXDD06S	MCCB+18	18140
DB MCCB AS I/C 125A DD08 Way	CSDBMCCB125PWXDD08S	MCCB+24	18890
DB MCCB AS I/C 125A DD12 Way	CSDBMCCB125PWXDD12S	MCCB+36	25560
DB MCCB AS I/C 250A DD04 Way	CSDBMCCB250PWXDD04S	MCCB+12	20130
DB MCCB AS I/C 250A DD06 Way	CSDBMCCB250PWXDD06S	MCCB+18	23150
DB MCCB AS I/C 250A DD08 Way	CSDBMCCB250PWXDD08S	MCCB+24	26210
DB MCCB AS I/C 250A DD12 Way	CSDBMCCB250PWXDD12S	MCCB+36	32750
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	11410
TPNV Double Door 06 Way IP43 DB	CSDBTPNVMCBWXDD06	8+18	13450
TPNV Double Door 08 Way IP43 DB	CSDBTPNVMCBWXDD08	8+24	15560
TPNV Double Door 12 Way IP43 DB	CSDBTPNVMCBWXDD12	8+36	19840

EPiC Distribution Board



Description	Product Code	Total Modules	MRP (₹)
SPN Distribution Board			
04 Way SPN Single Door	CSDBSPNPESD04	4	1140
06 Way SPN Single Door	CSDBSPNPESD06	6	1240
08 Way SPN Single Door	CSDBSPNPESD08	8	1460
12 Way SPN Single Door	CSDBSPNPESD12	12	1870
16 Way SPN Single Door	CSDBSPNPESD16	16	2390
SPN Distribution Board			
04 Way SPN Double Door	CSDBSPNPEDD04	4	1900
06 Way SPN Double Door	CSDBSPNPEDD06	6	2050
08 Way SPN Double Door	CSDBSPNPEDD08	8	2370
10 Way SPN Double Door	CSDBSPNPEDD10	10	2870
12 Way SPN Double Door	CSDBSPNPEDD12	12	3120
16 Way SPN Double Door	CSDBSPNPEDD16	16	3880



EPiC Distribution Board

[HSN Code: 8537]

Description	Product Code	Total Modules	MRP (₹)
TPN-Horizontal Distribution Board			
04 Way TPNH Single Door	CSDBTPNHPESD04	20	3590
06 Way TPNH Single Door	⊠CSDBTPNHPESD06	26	4500
08 Way TPNH Single Door	⊠CSDBTPNHPESD08	32	5270
12 Way TPNH Single Door	⊠CSDBTPNHPESD12	44	7110
TPN-Horizontal Distribution Board			
04 Way TPNH Double Door	CSDBTPNHPEDD04	20	5200
06 Way TPNH Double Door	CSDBTPNHPEDD06	26	6410
08 Way TPNH Double Door	CSDBTPNHPEDD08	32	7670
12 Way TPNH Double Door	⊠CSDBTPNHPEDD12	44	10440
TPN-Vertical Distribution Board			
04 Way TPNH Double Door	⊠CSDBTPNVPECGDD04	20	9470
06 Way TPNH Double Door	⊠CSDBTPNVPECGDD06	26	11160
08 Way TPNH Double Door	⊠CSDBTPNVPECGDD08	32	12970
12 Way TPNH Double Door	⊠CSDBTPNVPECGDD12	44	16530









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	1180
06 Way SPN Single Door	CSDBSPNPSD06	6	1300
08 Way SPN Single Door	CSDBSPNPSD08	8	1500
12 Way SPN Single Door	CSDBSPNPSD12	12	1970
16 Way SPN Single Door	CSDBSPNPSD16	16	2570
SPN Distribution Board			
04 Way SPN Double Door	CSDBSPNPCGDD04	4	1930
06 Way SPN Double Door	CSDBSPNPCGDD06	6	2160
08 Way SPN Double Door	CSDBSPNPCGDD08	8	2420
10 Way SPN Double Door	CSDBSPNPCGDD10	10	2930
12 Way SPN Double Door	CSDBSPNPCGDD12	12	3180
16 Way SPN Double Door	CSDBSPNPCGDD16	16	3970
TPN-Horizontal Distribution Board			
04 Way TPNH Single Door	CSDBTPNHPSD04	8+12	3830
06 Way TPNH Single Door	⊠CSDBTPNHPSD06	8+18	4760
08 Way TPNH Single Door	⊠CSDBTPNHPSD08	8+24	5550
12 Way TPNH Single Door	⊠CSDBTPNHPSD12	8+36	7490
TPN-Horizontal Distribution Board			
04 Way TPNH Double Door	CSDBTPNHPCGDD04	8+12	5190
06 Way TPNH Double Door	CSDBTPNHPCGDD06	8+18	6470
08 Way TPNH Double Door	CSDBTPNHPCGDD08	8+24	7870
12 Way TPNH Double Door	CSDBTPNHPCGDD12	8+36	11020
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	16210
DB MCCB AS I/C 100A DD08 Way	CSDBMCCB125PDD08S	MCCB+24	18260
DB MCCB AS I/C 100A DD12 Way	CSDBMCCB125PDD12S	MCCB+36	25240
DB MCCB AS I/C 250A DD04 Way	⊠CSDBMCCB250PDD04S	MCCB+12	19450
DB MCCB AS I/C 250A DD08 Way	CSDBMCCB250PDD08S	MCCB+24	25330
DB MCCB AS I/C 250A DD12 Way	CSDBMCCB250PDD12S	MCCB+36	31650

⊠Non Stockable item



Selection Table for MCCB as Incomer VTPN Distribution Boards				
	Description	**Product Code**	**Type/Breaking Capacity Ics=100%Icu**	**MCCB Rating**
WiNbreak 1 MCCB	CSE1M125ATM3P-*, CSE1M125ATM4P-* CSE1NN125ATM3P-*, CSE1NN125ATM4P-* CSE1NN125ETM3P-*, CSE1NN125ETM4P-* CSE1S125ETM3P-*, CSE1S125ETM4P-*	CSDBMCCB125PDD04S CSDBMCCB125PDD08S CSDBMCCB125PDD12S	25kA, 36kA & 50kA	#FMU Realease with rating lower than 63A ATM - 63A, 80A, 100A,125A ETM - 40A, 63A, 100A, 125A
	CSE2M250ATM3P-*, CSE2M250A M4P-* CSE2NN250ATM3P-*, CSE2NN250ATM4P-* CSE2NN250ETM3P-*, CSE2NN250ETM4P-* CSE2S250ETM3P-*, CSE2S250ETM4P-* CSE2SX250ETM3P-*, CSE2SX250ETM4P-* CSE2SX250ATM3P-*, CSE2SX250ATM4P-*	CSDBMCCB250PDD04S CSDBMCCB250PDD08S CSDBMCCB250PDD12S	25kA, 36kA & 50kA	ATM - 160A, 200A, 250V ETM - 160V, 200V, 250V
NOTE: While Ordering, Replace"*" by current Rating.				#For lower ratings please contact nearest Branch Office.









SPN WiNclass Distribution Board			[HSN Code: 8537]
Description	**Product Code**	**No. of Modules (Incomer+Outgoing)**	**MRP (₹)**
2+04 Way Single Door	CSDBSPNSD04S	2+04	1510
2+08 Way Single Door	CSDBSPNSD08S	2+08	1890
2+12 Way Single Door	CSDBSPNSD12S	2+12	2590
2+14 Way Single Door	CSDBSPNSD16S	2+14	3220
2+04 Way Double Door	CSDBSPNDD04S	2+04	2450
2+08 Way Double Door	CSDBSPNDD08S	2+08	3050
2+12 Way Double Door	CSDBSPNDD12S	2+12	3990
2+14 Way Double Door	CSDBSPNDD16S	2+14	5220
TPN WiNclass Distribution Board			
04 Way Single Door DB	⊠CSDBTPNHSD04S	8+12	4920
06 Way Single Door DB	⊠CSDBTPNHSD06S	8+18	5900
08 Way Single Door DB	⊠CSDBTPNHSD08S	8+24	6470
12 Way Single Door DB	⊠CSDBTPNHSD12S	8+36	8550
16 Way Single Door DB	⊠CSDBTPNHSD16S	8+48	10700
04 Way Double Door DB	CSDBTPNHDD04SN	4+12	6460
04 Way Double Door DB	CSDBTPNHDD04S	8+12	6530
06 Way Double Door DB	CSDBTPNHDD06S	8+18	8170
08 Way Double Door DB	CSDBTPNHDD08S	8+24	10290
12 Way Double Door DB	CSDBTPNHDD12S	8+36	14650
16 Way Double Door DB	⊠CSDBTPNHDD16S	8+48	18480
VTPN Distribution Board (with provision for WiNtrip2 MCB)			
4 way Double Door	CSDBTPNVDD04S	8+12	16730
6 way Double Door	CSDBTPNVDD06S	8+18	19180
8 way Double Door	CSDBTPNVDD08S	8+24	21200
12 way Double Door	CSDBTPNVDD12S	8+36	28400
PPI Distribution Board			
4 Way Double Door	CSDBTPNPPIDD04	8+6+12	8780
6 Way Double Door	CSDBTPNPPIDD06	8+6+18	10960
8 Way Double Door	CSDBTPNPPIDD08	8+6+24	13300
12 Way Double Door	CSDBTPNPPIDD12	8+6+36	15400

WiNtrip Distribution Board



☒Non Stockable item

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	2190
SPN WC 08 Way SD With Acrylic Door	CSDBSPNSDCA08	8	2450
SPN WC 12 Way SD With Acrylic Door	CSDBSPNSDCA12	12	3160
SPN WC 16 Way SD With Acrylic Door	CSDBSPNSDCA16	16	4030

WiNtrip Distribution Board



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	18820
6 Way DD with 63A Rotary Switch	CSDBPHSCDD06RS63	19260
8 Way DD with 63A Rotary Switch	CSDBPHSCDD08RS63	21250
12 Way DD with 63A Rotary Switch	☒CSDBPHSCDD12RS63	23540
4 Way DD with 40A Rotary Switch	CSDBPHSCDD04RS40	18710
6 Way DD with 40A Rotary Switch	CSDBPHSCDD06RS40	18920
8 Way DD with 40A Rotary Switch	☒CSDBPHSCDD08RS40	21050
12Way DD with 40A Rotary Switch	☒CSDBPHSCDD12RS40	23140
4 Way DD without Rotary Switch	☒CSDBPHSCDD04	16090
6 Way DD without Rotary Switch	☒CSDBPHSCDD06	16490
8 Way DD without Rotary Switch	CSDBPHSCDD08	18150
12 Way DD without Rotary Switch	CSDBPHSCDD12	20740



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	14750
	CSDB7SEGDD06	8+12+18	16610
	☒CSDB7SEGDD08	8+12+24	18560
	☒CSDB7SEGDD12	8+12+36	23570
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) DBs (with Metal Door)**		[HSN Code: 8537]
Description	**Product Code**	**MRP (₹)**
Flexi DD DB 2 Row 13 Modules	CSDBFLDD2R13	8100
Flexi DD DB 3 Row 13 Modules	CSDBFLDD3R13	9550
Flexi DD DB 4 Row 13 Modules	CSDBFLDD4R13	10550
*Without Wire bunch		

WiNtrip Distribution Board



WiNtrip Telephone & Television Socket Distribution Board		[HSN Code: 8537]
Description	**Product Code**	**MRP (₹)**
SPN 04 Way Tel & TV Socket DB (2+4)	☒CSDBSPNDDTELTV04	5050
SPN 06 Way Tel & TV Socket DB (2+6)	CSDBSPNDDTELTV06	5360
SPN 08 Way Tel & TV Socket DB (2+8)	☒CSDBSPNDDTELTV08	5680
SPN 10 Way Tel & TV Socket DB (2+10)	☒CSDBSPNDDTELTV10	6060
SPN 12 Way Tel & TV Socket DB (2+12)	☒CSDBSPNDDTELTV12	6740
SPN 14 Way Tel & TV Socket DB (2+14)	☒CSDBSPNDDTELTV14	6960
TPN 04 Way Tel & TV Socket DB (8+12)	CSDBTPNDDTELTV04	8380
TPN 06 Way Tel & TV Socket DB (8+18)	CSDBTPNDDTELTV06	9630
TPN 08 Way Tel & TV Socket DB (8+24)	☒CSDBTPNDDTELTV08	11100
TPN 12 Way Tel & TV Socket DB (8+36)	☒CSDBTPNDDTELTV12	14440

Cable End Box



WiNclass Cable End Box		
Description	**Product Code**	**MRP (₹)**
SPN Cable End Box		
SPN 4 Way	CSDBCBSPNDD04S	1120
SPN 8 Way	CSDBCBSPNDD08S	1390
SPN 12 Way	CSDBCBSPNDD12S	1630
SPN 16 Way	CSDBCBSPNDD16S	1960
TPNH Cable End Box		
TPNH 4 Way	CSDBCBTPNHDD04SN	1460
TPNH 6 Way	CSDBCBTPNHDD06S	1730
TPNH 8 Way	☒CSDBCBTPNHDD08S	2020
TPNH 12 Way	☒CSDBCBTPNHDD12S	2540
TPNH 16 Way	CSDBCBTPNHDD16S	3030
VTPN MCB I/C Cable End box		
CABLE END BOX FOR CSDBTPNVDD04~12S WAY DB	CSDBCBTPNVDD	2460



Epic-F / Epic Cable End Box		[HSN Code: 8537]
Description	**Product Code**	**MRP (₹)**
SPN Cable End Box		
SPN 4 Way	CSDBCBSPNPDD04	930
TPNH 6 Way	CSDBCBSPNPDD06	1040
SPN 8 Way	☒CSDBCBSPNPDD08	1170
SPN 12 Way	CSDBCBSPNPDD12	1450
SPN 16 Way	CSDBCBSPNPDD16	1770
TPNH Cable End Box		
TPNH 4 Way	CSDBCBTPNHPDD04	1510
TPNH 6 Way	CSDBCBTPNHPDD06	1740
TPNH 8 Way	☒CSDBCBTPNHPDD08	1980
TPNH 12 Way	CSDBCBTPNHPDD12	2530

EPiC TPNV Cable End Box		
Description	**Product Code**	**MRP (₹)**
CABLE END BOX FOR CSDBTPNVPEDD 04~12 WAY DB	CSDBCBTPNVPEDD	2140

VTPN MCCB I/C Cable End Box		
Description	**Product Code**	**MRP (₹)**
CABLE END BOX FOR CSDBMCCB125PDD04~12S WAY DB	CSDBCBMCCBPDDDB	2540

PPI Kit		[HSN Code: 8537]
Description	**Product Code**	**MRP (₹)**
PPI KIT TO CONVERT TPNHP/TPNHPE DD 04 TO DD 02 WAY	CSDBPPPIKT01	3000
PPI KIT TO CONVERT TPNHP/TPNHPE DD 06 TO DD 04 WAY	CSDBPPPIKT02	3380
PPI KIT TO CONVERT TPNHP/TPNHPE DD 08 TO DD 06 WAY	CSDBPPPIKT03	3790
PPI KIT TO CONVERT TPNHP/TPNHPE DD 12 TO DD 10 WAY	CSDBPPPIKT04	4560

☒Non Stockable item

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	⊠CSDBPSSPN010	1710	12
20Amp SPN	CSDBPSSPN020	1710	12
20Amp SPN (SP Cutout)	CSDBPSSPN020SP	1710	12
20Amp TPN	CSDBPSTPN020	4130	6
30Amp TPN	CSDBPSTPN030	4540	6



WiNtrip Plug and Sockets (Metal Clad)

[HSN Code: 8537]

Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
10Amp SPN Plug	CSDBPSPN010	350	36
10Amp SPN Socket	CSDBSSPN010	360	36
20Amp SPN Plug	CSDBPSPN020	370	36
20Amp SPN Socket	CSDBSSPN020	440	36
20Amp TPN Plug	CSDBPTPN020	450	36
20Amp TPN Socket	CSDBSTPN020	450	36
30Amp TPN Plug	CSDBPTPN030	710	36
30Amp TPN Socket	CSDBSTPN030	710	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	590	24
DP Enclosure	CSDBMCBEDP	590	24
TP Enclosure	CSDBMCBETP	700	12
FP Enclosure	CSDBMCBEFP	700	12



WiNtrip Plastic Enclosure without MCB

[HSN Code: 8537]

Description	Product Code	MRP (₹)
Plastic MCB Enclosure SP&DP/STD	CSDBMCBEPDP	240
Plastic MCB Enclosure TP&FP/STD	CSDBMCBEPFP	320

MCB Enclosure IP55

[HSN Code: 8537]

4 Pole Enclosure

Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
MCB Enclosure IP55 04 Way	CSDBEP04	2360	1

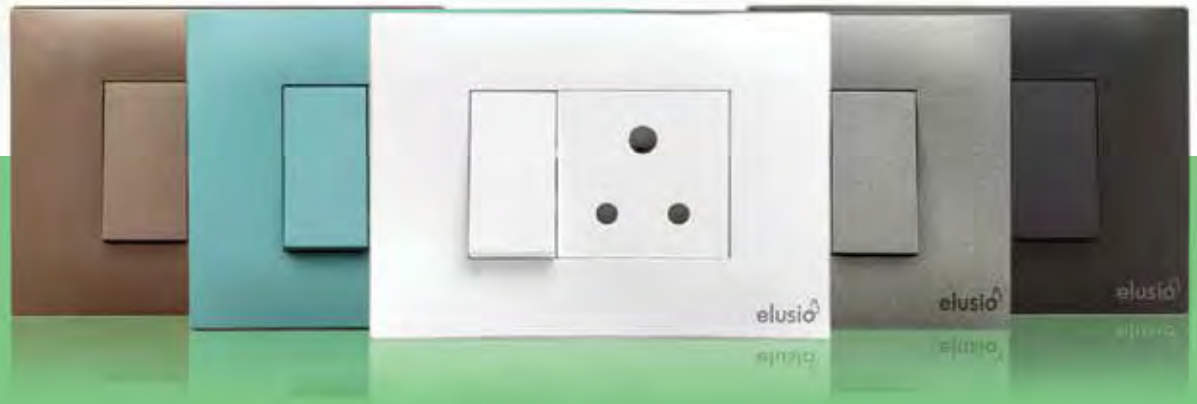
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SWITCHES

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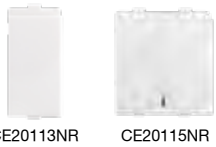
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UNBREAKABLE DESIGNS

SMOOTH TO TOUCH

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


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CE20574NR CE20575NR

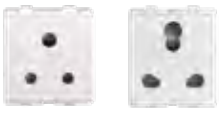

CE20123NR CE20121NR


CE20509NR CE20510NR


CE20056NR CE20631NR


CE20827NR CE20826NR


CE20804NR CE20801NR


CE20370NR CE20352NR


CE20228NR CE20251NR CE20272NR


CE20276NR CE20277NR


CE20275NR CE20633NR CE20632NR

Switches

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White	Colour	Jungle Green	
CE20113NR	85361010	6AX Switch SP 1 way	6AX	1M	125	164	189	20
CE20114NR	85361010	6AX Switch SP 1 way with Indicator	6AX	1M	162	186	214	
CE20123NR	85361010	6AX Switch SP 2 way	6AX	1M	178	202	232	
CE20568NR	85361010	10AX Switch SP 1 way	10AX	1M	144	189	217	
CE20569NR	85361010	10AX Switch SP 1 way with Indicator	10AX	1M	186	214	246	
CE20571NR	85361010	10AX Switch SP 2 way	10AX	1M	205	232	267	
CE20573NR	85361020	16AX Switch SP 1 way	16AX	1M	170	194	223	
CE20574NR	85361020	16AX Switch SP 1 way with Indicator	16AX	1M	224	240	276	
CE20578NR	85361020	16AX Switch SP 2 way	16AX	1M	250	274	315	
CE20580NR	85361020	20AX Switch SP 1 way	20AX	1M	196	223	256	
CE20581NR	85361020	20AX Switch SP 2 way	20AX	1M	288	315	362	
CE20584NR	85361020	20AX Switch SP 1 way with Indicator	20AX	1M	258	276	317	
CE20115NR	85361010	6AX Switch SP 1 way with Indicator	6AX	2M	210	225	259	10
CE20124NR	85361010	6AX Switch SP 2 way	6AX	2M	203	243	280	
CE20570NR	85361010	10AX Switch SP 1 way with Indicator	10AX	2M	242	259	298	
CE20572NR	85361010	10AX Switch SP 2 way	10AX	2M	233	279	322	
CE20575NR	85361020	16AX Switch SP 1 way with Indicator	16AX	2M	221	261	300	
CE20579NR	85361020	16AX Switch SP 2 way	16AX	2M	258	298	343	
CE20582NR	85361020	20AX Switch SP 1 way	20AX	2M	240	270	340	
CE20583NR	85361020	20AX Switch SP 2 way	20AX	2M	297	343	394	
CE20121NR	85361020	32A DP Switch with Indicator	32A	2M	615	797	916	

Bell Push Switches

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White	Colour	Jungle Green	
CE20509NR	85361010	6A Bell Push Switch	6A	1M	137	160	184	20
CE20508NR	85361010	6A Bell Push Switch with Indicator	6A	1M	164	188	216	
CE20510NR	85361010	6A Bell Push Switch	6A	2M	160	199	229	10
CE20511NR	85361010	6A Bell Push Switch with Indicator	6A	2M	188	227	261	

Blanking / Phase Indicator

Product Code	HSN Code	Description	Module	MRP (₹)			Std. Pkg. (Nos.)
				White	Colour	Jungle Green	
CE20056NR	85361010	Blanking Plate	1M	44	54	62	40
CE20631NR	85361010	Phase Indicator Red	1M	298	-	-	20

Fan Regulator / Dimmer

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White	Colour	Jungle Green	
CE20827NR	85361010	4 Step Fan Regulator	100W	1M	446	466	535	20
CE20826NR	85361010	5 Step Fan Regulator	100W	2M	570	615	708	10
CE20828NR	85361010	5 Step Fan Regulator	120W	2M	749	794	887	10
CE20804NR	85361010	Rotary Dimmer	300W	1M	618	664	763	20
CE20801NR	85361010	Rotary Dimmer	500W	2M	716	795	915	10

Sockets

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White	Colour	Jungle Green	
CE20370NR	85361020	6A 3 Pin Socket	6A	2M	175	287	330	10
CE20352NR	85361020	6/16A 3 Pin Socket	6/16A	2M	289	345	396	
CE20354NR	85361020	6/16A 3 Pin Socket- Projected	6/16A	2M	305	362	416	10
*CE20358NR	85361020	13A Universal Socket	13A	2M	175	287	330	

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

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White	Colour	Jungle Green	
CE20228NR	85361010	TV Socket		1M	107	129	148	20
CE20251NR	85361010	RJ 11 Telephone Socket		1M	101	124	142	
CE20272NR	85361010	RJ 45 Cat 6 Computer Socket	Cat 6	1M	1021	1060	1219	
CE20273NR	85361010	RJ 45 Cat 6a Computer Socket	Cat6a	1M	2005	2039	2345	
CE20276NR	85361010	HDMI Socket		1M	1228	1410	1622	10
CE20277NR	85361010	VGA Socket		1M	1223	1350	1553	
CE20275NR	85044030	USB Charger Socket (Fast Charging)	2.1A, A type	1M	1109	1404	1615	20
CE20633NR	94051090	Night Lamp		2M	450	490	564	10
CE20632NR	94051090	Skirt Light with LED		2M	623	680	782	

*Material available till stock last.



CE20364NR



CE20610NR CE20609NR CE20636NR

CE20825NR



CE20436NR CE20440NR



CE25803WHNR

Single Phase Motor Starter

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White	Colour	Jungle Green	
CE20364NR	85361020	Motor Starter 16A	16A	2M	671	726	835	10
CE20366NR	85361020	Motor Starter 25A	25A	2M	671	726	835	

Hospitality Range

Product Code	HSN Code	Description	Module	MRP (₹)			Std. Pkg. (Nos.)
				White	Colour	Jungle Green	
CE20611NR	85361010	DND/CMR internal unit	1M	366	390	449	10
CE20610NR	85361010	DND/CMR external unit	1M	586	599	689	
CE20609NR	85361010	DND/MMR Indicator	1M	419	450	518	20
CE20116NR	85361010	6AX Switch SP 1 way MMR	1M	160	165	190	
CE20125NR	85361010	6AX Switch SP 2 way DND	1M	210	215	247	
CE20636NR	85361010	Buzzer	1M	605	680	782	
CE20825NR	85361010	16A Electronic Key Card Switch	2M	12750	14500	16675	3

Modular - Miniature Circuit Breakers

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White	Colour	Jungle Green	
CE20431NR	85361010	MCB 6A Single Pole 4.5kA	6A, C Curve	1M	398	433	498	12
CE20432NR	85361010	MCB 10A Single Pole 4.5kA	10A, C Curve	1M	398	433	498	
CE20433NR	85361010	MCB 16A Single Pole 4.5kA	16A, C Curve	1M	398	433	498	
CE20437NR	85361010	MCB 20A Single Pole 4.5kA	20A, C Curve	1M	398	433	498	
CE20435NR	85361010	MCB 25A Single Pole 4.5kA	25A, C Curve	1M	398	433	498	
CE20436NR	85361010	MCB 32A Single Pole 4.5kA	32A, C Curve	1M	398	433	498	
CE20438NR	85361010	MCB 6A Double Pole 4.5kA	6A, C Curve	2M	819	875	1006	6
CE20439NR	85361010	MCB 10A Double Pole 4.5kA	10A, C Curve	2M	819	875	1006	
CE20440NR	85361010	MCB 16A Double Pole 4.5kA	16A, C Curve	2M	819	875	1006	
CE20441NR	85361010	MCB 20A Double Pole 4.5kA	20A, C Curve	2M	819	875	1006	
CE20442NR	85361010	MCB 25A Double Pole 4.5kA	25A, C Curve	2M	819	875	1006	
CE20443NR	85361010	MCB 32A Double Pole 4.5kA	32A, C Curve	2M	819	875	1006	

Cover Plate with Support Plate

Product Code	HSN Code	Description	Module	MRP (₹)			Std. Pkg. (Nos.)
				White	Colour	Jungle Green	
CE25801WHNR	85381010	Cover & Support Plate	1M	119	239	275	10
CE25802WHNR	85381010	Cover & Support Plate	2M	123	234	269	
CE25803WHNR	85381010	Cover & Support Plate	3M	153	295	339	
CE25804WHNR	85381010	Cover & Support Plate	4M	181	352	405	
CE25806WHNR	85381010	Cover & Support Plate	6M	251	553	635	
CE25808WHNR	85381010	Cover & Support Plate-Horizontal	8M	307	621	714	5
CE25809WHNR	85381010	Cover & Support Plate-Vertical	8MV	316	630	725	
CE25812WHNR	85381010	Cover & Support Plate	12M	526	1125	1294	
CE25816WHNR	85381010	Cover & Support Plate	16M	540	1212	1394	
CE25818WHNR	85381010	Cover & Support Plate	18M	682	1284	1477	

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

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ANTIBACTERIAL PROTECTION

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









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 re-movable feature
- Ease of mounting
- Available in 1M -18M

DIVINO
SWITCHES

Primo Plus
SWITCHES

COMBI
WEATHER-PROOF ENCLOSURES.

primo
SWITCHES


CG20114PWNR


CG23114NR


CG20123PWNR


CG23123NR


CG20509PWNR


CG23509NR


CG20056PWNR


CG23056NR


CG20634PWNR


CG23634NR

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	111	20
CG20114PWNR / CG23114NR	85361010	1P-6A	Luminous	1	157	
CG20573PWNR / CG23573NR	85361020	1P-16A	General	1	181	
CG20574PWNR / CG23574NR	85361020	1P-16A	Luminous	1	208	
CG20117PWNR / CG23117NR	85361020	1P-25A	General	1	234	
CG20118PWNR / CG23118NR	85361020	1P-25A	Luminous	1	287	
CG20120PWNR / CG23120NR	85361020	2P-32A	Luminous	2	423	10
Two-Way Switches						
CG20123PWNR / CG23123NR	85361010	1P-6A	General	1	153	20
CG20578PWNR / CG23578NR	85361020	1P-16A	General	1	226	

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	199	20
CG20509PWNR / CG23509NR	85361010	1P-6A	With Symbol	1	157	

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Blanking Modules						
CG20056PWNR / CG23056NR	85381010	1 Gang	-	1	36	40
CG20073PWNR / CG23073NR	85381010	2 Gang	-	2	63	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	104	20


CG20826PWNR


CG23826NR


CG20801PWNR


CG23801NR

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	483	10
CG20827PWNR / CG23827NR	85361010	4 Step (100W)	Rotary	1	384	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	479	10
CG20804PWNR / CG23804NR	85361010	300W	Rotary (Stepless)	1	423	20


CG20370PWNR


CG23370NR


CG20353PWNR


CG233530NR


CG20251PWNR


CG23251NR


CG20636PWNR


CG20275PWNR


CG20815PWNR


CG20609PWNR


CG23609NR


CG20610PWNR


CG23610NR


CG20611PWNR


CG23611NR

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	150	10
CG20354PWNR / CG23354NR	85361020	6/16A Twin Socket 3 Pin (Flushed)	Round	3	288	6
CG20352PWNR / CG23352NR	85361020	6/16A Twin Socket 3 Pin (Projected)	Round	2	274	10

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	126	20
CG20271PWNR / CG23271NR	85361010	RJ45 CAT5e	4	UTP		487	
CG20228PWNR / CG23228NR	85361010	TV Socket	-	-		119	
CG20272PWNR / CG23272NR	85361010	RJ45 CAT6	4	UTP		575	
CG20273PWNR / CG23273NR	85361010	RJ45 CAT6a		UTP		1265	

Buzzer

CG20636PWNR / CG23636NR	85361010	Buzzer	1	582	20

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	983	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	632	1
CG20434PWNR / CG23434NR	85361010	Tag For Energy Key Tag	-	130	-
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	114	20
CG20124PWNR / CG23124NR	85361010	6A-230V, IW, SP Luminous Switch		162	
CG20612PWNR / CG23612NR	85361010	Unit (Indicator+Switch)	1+1	271	10
Room Occupied					
CG20610PWNR / CG23610NR	85361010	Indicator	1	114	20
CG20125PWNR / CG23125NR	85361010	6A-230V, IW, SP Luminous Switch		162	
CG20613PWNR / CG23613NR	85361010	Unit (Indicator+Switch)	1+1	271	10
Make My Room					
CG20611PWNR / CG23611NR	85361010	Indicator	1	114	20
CG20126PWNR / CG23126NR	85361010	6A-230V, IW, SP Luminous Switch		162	
CG20614PWNR / CG23614NR	85361010	Unit (Indicator+Switch)	1+1	271	10

* Material available till stock last.



CG20825PWNR



CG20632NR

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	1410	6
Foot Lamp					
CG20631NR	94051090	230V-LED Yellow Night Lamp	3	394	6
CG20632NR	94051090	230V-LED Blue Night Lamp			
CG20633NR	94051090	230V-LED White Night Lamp			

Modular Miniature Case Circuit Breaker - WiNtrip 'S'



CG20436PWNR



CG20443PWNR

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	230	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	549	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



CG26401PWNR

Product Code - Pure White	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG26401PWNR	85371000	16Amp Power Unit	1007	1
*CG26402PWNR	85371000	20Amp Power Unit	1171	
*CG26403PWNR	85371000	25Amp Power Unit	1171	
Power Unit with PVC				
CG26404PWNR	85371000	16Amp Power Unit	877	1
*CG26405PWNR	85371000	20Amp Power Unit	1166	
*CG26406PWNR	85371000	25Amp Power Unit	1166	

Single Phase Motor Starter



CG20362PWNR

Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CG20362PWNR /CG23362NR	85361020	Motor Starter 16A	2	470	1
CG20364PWNR /CG23364NR	85361020	Motor Starter 25A	2	598	

Pure White Cover Plates With Support Plate



CG25703PWNR



CG25803PWNR

Product Code - Vera / Virna	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG25701PWNR / CG25801PWNR	85381010	1 Module Plate	129	10
CG25702PWNR / CG25802PWNR	85381010	2 Module Plate		
CG25703PWNR / CG25803PWNR	85381010	3 Module Plate	168	
CG25704PWNR / CG25804PWNR	85381010	4 Module Plate	205	
CG25706PWNR / CG25806PWNR	85381010	6 Module Plate	275	5
CG25708PWNR / CG25808PWNR	85381010	8 Module Plate - Vertical	355	
CG25709PWNR / CG25809PWNR	85381010	8 Module Plate - Horizontal		
CG25712PWNR / CG25812PWNR	85381010	12 Module Plate	445	
CG25718PWNR / CG25818PWNR	85381010	18 Module Plate	675	

* Material available till stock last.



CG25803GRNR

Glossy Grey Cover Plates With Support Plate				
Product Code Vera / Virna	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG25701GRNR / CG25801GRNR	85381010	1 Module Plate	185	10
CG25702GRNR / CG25802GRNR	85381010	2 Module Plate		
CG25703GRNR / CG25803GRNR	85381010	3 Module Plate	253	
CG25704GRNR / CG25804GRNR	85381010	4 Module Plate	271	
CG25706GRNR / CG25806GRNR	85381010	6 Module Plate	341	5
CG25708GRNR / CG25808GRNR	85381010	8 Module Plate - Vertical	398	
CG25709GRNR / CG25809GRNR	85381010	8 Module Plate - Horizontal		
CG25712GRNR / CG25812GRNR	85381010	12 Module Top Plate	527	
CG25718GRNR / CG25818GRNR	85381010	18 Module Plate	832	



CG25803BGNR



CG25803CORNR

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	278	10
CG25702NR / CG25802NR	85381010	2 Module Plate		
CG25703NR / CG25803NR	85381010	3 Module Plate	331	
CG25704NR / CG25804NR	85381010	4 Module Plate	414	
CG25706NR / CG25806NR	85381010	6 Module Plate	571	5
CG25708NR / CG25808NR	85381010	8 Module - Vertical	616	
CG25709NR / CG25809NR	85381010	8 Module - Horizontal		
CG25712NR / CG25812NR	85381010	12 Module Plate	785	
CG25718NR / CG25818NR	85381010	18 Module Plate	1025	
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				



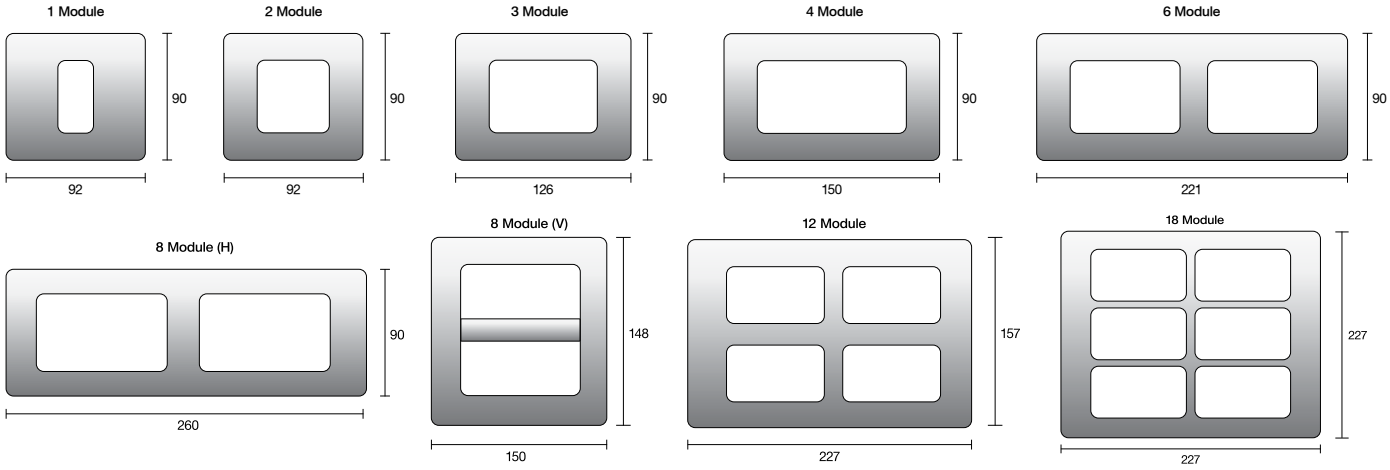
CG25703BWNR



CG25803EWNR

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	347	10
CG25702NR / CG25802NR	85381010	2 Module Plate		
CG25703NR / CG25803NR	85381010	3 Module Plate	425	
CG25704NR / CG25804NR	85381010	4 Module Plate	543	
CG25706NR / CG25806NR	85381010	6 Module Plate	750	5
CG25708NR / CG25808NR	85381010	8 Module Plate - Vertical	773	
CG25709NR / CG25809NR	85381010	8 Module Plate - Horizontal		
CG25712NR / CG25812NR	85381010	12 Module Top Plate	1009	
CG25718NR / CG25818NR	85381010	18 Module Plate	1148	
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	734	1
CG26400WNR	85371000	16A Switch, 6/16A Socket	3 Module	1250	
CG26016WNR	85371000	6A Switch	1 Module	678	
IP55 Motor Starter					
CG26018WNR	85381010	IP55 2M Enclosure With 16A Motor Starter		1223	1
CG26019WNR	85381010	IP55 2M Enclosure With 25A Motor Starter		1437	
Watertight Plates For Flush Mounting Installations IP55 (Compatible with 3M concealed box)					
CG24025WNR	85381010	3 Gang		778	10

Product Code	HSN Code	Description	Configuration	External Dim. LxHxD (mm)	MRP (₹)	Std. Pkg. (Nos.)
Watertight Enclosures For Fixed Or Movable Applications						
CG26010WNR	85381010	1 Gang	Module 1	80x64x59	525	10
CG26011WNR	85381010	2 Gang	Module 2	80x64x59	545	
CG26012WNR	85381010	3 Gang	Module 3	80x96x59	658	
CG26013WNR	85381010	4 Gang	Module 4x1	80x128x59	862	
CG26014WNR	85381010	8 Gang	Module 4x2	160x128x59	1472	5
CG26015WNR	85381010	12 Gang	Module 4x3	240x128x59	1940	3

New

IP40 Enclosures (Combined)				
CG26020WNR	85381010	6A Switch, 6A Socket	340	1
CG26021WNR	85381010	16A Switch, 16A Protected Socket	390	





CG28017NR

Top Plug

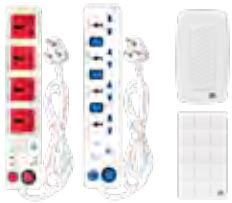
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG28014NR	85361010	6A Plug Top	75	10
CG28015NR	85361020	16A Plug Top	111	
CG28017NR	85361020	16A Plug Top with Indicator	119	



CG28020NR

Multi Plug Socket

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG28020NR	85361010	6A Multi Plug Socket	101	10



New

Power Extension & Door Bell

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACEXB002NR	85381010	4 Universal Socket with 4 Switches	750	10
ACEXB001NR	85381010	4 Universal Socket with 1Master Switch	740	
ACEXB003NR	85381010	4 Universal Socket with 1 Master Switch, 1 Thermal Switch	720	
ACDB001NR	85381010	Door Bell- Jewell (Ding Dong Sound)	410	
ACDB002NR	85381010	Door Bell- Curvy (Ding Dong Sound)		



ACBHS001NR ACBHA004NR



ACBHA005NR



ACBHS006NR



ACBHS008NR

Batten Holder

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACBHS001NR	85381010	Straight Batten Holder (Plain)	59	
ACBHA003NR	85381010	Angular Batten Holder (Plain)		
ACBHS002NR	85381010	Straight Batten Holder (Fancy)	71	
ACBHA004NR	85381010	Angular Batten Holder (Fancy)		
ACBHA005NR	85381010	Batten Holder common (2 in 1)	82	
ACBHS006NR	85381010	Square Batten Holder (Plain)	94	
ACBHA007NR	85381010	Square angle Batten Holder (Plain)		
ACBHS008NR	85381010	Slim Batten Holder (Fancy)	103	
ACBHA009NR	85381010	Slim angle Batten Holder (Fancy)		



ACBHS001BNR



ACCR001BNR

New

Batten Holder & Ceiling Rose

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACBHS001BNR	85381010	Batten Holder Straight	40	20
ACBHA003BNR	85381010	Batten Holder Angular		
ACBHS002BNR	85381010	Batten Holder Straight Fancy	55	
ACBHS004BNR	85381010	Batten Holder Angular Fancy		
ACCR001BNR	85381010	Ceiling rose	35	



ACCR001NR

Ceiling Rose

ACCR001NR	85381010	Ceiling rose	49	20



Surface Plastic Box

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACSMB001NR	85381010	1 Module	71	10
ACSMB001NR	85381010	2 Module	71	
ACSMB003NR	85381010	3 Module	92	
ACSMB004NR	85381010	4 Module	99	
ACSMB006NR	85381010	6 Module	133	
ACSMB008NR	85381010	8 Module (Horizontal)	183	
ACSMB009NR	85381010	8 Module (Vertical)	183	
ACSMB012NR	85381010	12 Module	232	5
ACSMB018NR	85381010	18 Module	260	

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C&S electric | PrimoPlus SWITCHES

DESIGNED for Admiration

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.



CS20114PNR



CS20123PNR



CS20511PNR

CS20056PNR



CS20631NR



CS20801PNR

Switches						
Product Code - Pure White / Grey	HSN Code	Description	Type	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
One-Way Switches						
CS20113PNR / CS23113PNR	85361010	6A, 250V	General	1	98	20
CS20114PNR / CS23114PNR	85361010	6A, 250V	Luminous	1	127	
CS20115PNR / CS23115PNR	85361010	6A, 250V	Luminous	2	140	10
CS20573PNR / CS23573PNR	85361020	16A, 250V	General	1	147	20
CS20574PNR / CS23574PNR	85361020	16A, 250V	Luminous	1	184	
CS20575PNR / CS23575PNR	85361020	16A, 250V	Luminous	2	192	10
CS20117PNR / CS23117PNR	85361020	25A, 250V	General	1	193	20
CS20118PNR / CS23118PNR	85361020	25A, 250V	Luminous	1	229	
CS20119PNR / CS23119PNR	85361020	25A, 250V	General	2	231	10
CS20120PNR / CS23120PNR	85361020	25A, 250V	Luminous	2	256	
Two-Way Switches						
CS20123PNR / CS23123PNR	85361010	6A, 250V	General	1	139	20
CS20124PNR / CS23124PNR	85361010	6A, 250V	General	2	144	10
CS20578PNR / CS23578PNR	85361020	16A, 250V	General	1	218	20
CS20579PNR / CS23579PNR	85361020	16A, 250V	General	2	241	10

Product Code - Pure White / Grey	HSN Code	Description	Type	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
Bell Push Switches						
CS20509PNR / CS23509PNR	85361010	6A, Bell Push	General	1	135	20
CS20508PNR / CS23508PNR	85361010	6A, Bell Push	Luminous	1	156	
CS20510PNR / CS23510PNR	85361010	6A, Bell Push	General	2	150	10
CS20511PNR / CS23511PNR	85361010	6A, Bell Push	Luminous	2	157	
Blanking Module						
CS20056PNR / CS23056PNR	85381010	1M Blank	General	1	35	50

Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
Neon Indicator					
CS20631PNR / CS23631PNR	85361010	Neon Indicator Red	1	82	20

Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
Fan Regulator / Dimmer					
CS20826PNR / CS23826PNR	85361010	5-Step Fan Regulator 100W	2	434	10
CS20828PNR / CS23828PNR	85361010	5 Step Fan Regulator 120 W	2	499	10
CS20827PNR / CS23827PNR	85361010	4-Step Fan Regulator 100W	1	348	20
CS20801PNR / CS23801PNR	85361010	Rotary Type Dimmer 500W	2	464	10
CS20804PNR / CS23804PNR	85361010	Rotary Type Dimmer 300W	1	340	20


CS20359NR


CS20370PNR

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	127	10
CS20352PNR / CS23352PNR	85361020	6/16A, 6 Pin	3	235	
CS20354PNR / CS23354PNR	85361020	6/16A, Socket Projected	2	220	


CS20636PNR

Buzzer					
Product Code	**HSN Code**	**Description**	**No. of Modules**	**MRP (₹)**	**Std. Pkg. (Nos.)**
CS20636PNR / CS23636PNR	85044030	Buzzer	1	572	20


CS20228PNR

Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
TV Socket / Flex Outlet					
CS20228PNR / CS23228PNR	85361010	TV Socket	1	114	20
CS20237PNR / CS23237PNR	85361010	Flex Outlet	1	80	


CS20251PNR

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	114	20
CS20271PNR / CS23271PNR	85361010	RJ 45, Computer Jack CAT5e	1	363	
CS20272PNR / CS23272PNR	85361010	RJ 45, Computer Jack CAT6	1	563	
CS20273PNR / CS23273PNR	85361010	RJ 45, Computer Jack CAT6a	1	1076	


CS20275PNR

USB Charger Socket					
Product Code - Pure White / Grey	**HSN Code**	**Description**	**No. of Modules**	**MRP (₹)**	**Std. Pkg. (Nos.)**
CS20275PNR / CS23275PNR	85044030	USB Charger Socket 2.1A (Fast Charging)	1	972	20


CS20816PNR

Hospitality Range					
Product Code - Pure White / Grey	**HSN Code**	**Description**	**No. of Modules**	**MRP (₹)**	**Std. Pkg. (Nos.)**
Energy Saving Switch					
CS20816PNR / CS23816PNR	85361020	25A, Energy Saving Switch With Key Tag & Indicator	2	517	1
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					
CS20610PNR / CS23610PNR	85361010	DND/MMR External Unit	1	244	20
CS20611PNR / CS23611PNR	85361010	DND/MMR Internal Unit	1+1	237	10
CS20609PNR / CS23609PNR	85361010	Indicator	1	104	20
Skirt Light & Night Lamp					
CS20632PNR / CS23632PNR	94051090	Skirt Light	2	387	10
CS20633PNR / CS23633PNR	94051090	Night Lamp	2	406	10


CS20611PNR


CS20610PNR


CS20632PNR


CS20633PNR



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	828	1
CS26408PWNR	85371000	Power Unit Combo Heavy Duty with 25Amp MCB	4	1166	
Primo Plus Power Unit with Metal Enclosure					
CS26401PNR	85371000	Power Unit Combo 16A MCB	4	1007	
CS26407PWNR	85371000	Power Unit Combo Heavy Duty with 25Amp MCB	4	1171	

CS25803WHNR



CS25803GRNR

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
Swan White (Cover Plates with Support Plate)				
CS25801WHNR	85381010	1 Module Plate	100	10
CS25802WHNR	85381010	2 Module Plate		
CS25803WHNR	85381010	3 Module Plate	139	
CS25804WHNR	85381010	4 Module Plate	146	
CS25806WHNR	85381010	6 Module Plate	212	
CS25808WHNR	85381010	8 Module Plate (Horizontal)	266	
CS25809WHNR	85381010	8 Module Plate (Vertical)		
CS25812WHNR	85381010	12 Module Plate	359	5
CS25816WHNR	85381010	16 Module Plate	415	
CS25818WHNR	85381010	18 Module Plate	440	
Glossy Grey (Cover Plates with Support Plate)				
CS25801GRNR	85381010	1 Module Plate	105	10
CS25802GRNR	85381010	2 Module Plate		
CS25803GRNR	85381010	3 Module Plate	135	
CS25804GRNR	85381010	4 Module Plate	151	
CS25806GRNR	85381010	6 Module Plate	216	
CS25808GRNR	85381010	8 Module Plate (Horizontal)	276	
CS25809GRNR	85381010	8 Module Plate (Vertical)		
CS25812GRNR	85381010	12 Module Plate	364	5
CS25816GRNR	85381010	16 Module Plate	449	
CS25818GRNR	85381010	18 Module Plate	478	



Cover Plates with Support Plate				
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
Cadet Grey / Black Olive / Argent Grey / Charcol Black / Arsenic Black / Champagne / Candy Red / Corel Red / British Green Plates				
CS25801NR	85381010	1 Module Plate	205	10
CS25802NR	85381010	2 Module Plate		
CS25803NR	85381010	3 Module Plate	242	
CS25804NR	85381010	4 Module Plate	271	
CS25806NR	85381010	6 Module Plate	410	5
CS25808NR	85381010	8 Module - Horizontal	459	
CS25809NR	85381010	8 Module - Vertical		
CS25812NR	85381010	12 Module Plate	594	
CS25816NR	85381010	16 Module Plate	634	
CS25818NR	85381010	18 Module Plate	769	

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	268	10
CS25802NR	85381010	2 Module Plate		
CS25803NR	85381010	3 Module Plate	293	
CS25804NR	85381010	4 Module Plate	309	
CS25806NR	85381010	6 Module Plate	528	5
CS25808NR	85381010	8 Module Plate - Horizontal	609	
CS25809NR	85381010	8 Module Plate - Vertical		
CS25812NR	85381010	12 Module Top Plate	789	
CS25816NR	85381010	16 Module Top Plate	881	
CS25818NR	85381010	18 Module Plate	937	

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



CG24272NR

Metal Boxes- Fabricated (Box for DIVINO, PRIMO PLUS & PRIMO)

Product Code	HSN Code	Description	Dimension LxHxD (mm)	MRP (₹)	Std. Pkg. (Nos.)
CG24271NR	85381010	1 Module Box	75 X 75 X 50	86	10
CG24271NR	85381010	2 Module Box	75 X 75 X 50		
CG24272NR	85381010	3 Module Box	100 X 75 X 50	102	
CG24273NR	85381010	4 Module Box	135 X 76 X 50	125	
CG24274NR	85381010	6 Module Box	210 X 75 X 50	176	5
CG24275NR	85381010	8 Module Box (4 +4)	134 X 140 X 52	204	
CG24276NR	85381010	8 Module Box (Horizontal)	232 X 79 X 52		
CG24277NR	85381010	12 Module Box	210 X 140 X 50	250	
CG24279NR	85381010	16 Module Box	210 X 140 X 60	314	7
CG24278NR	85381010	18 Module Box	210 X 210 X 56	353	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



CS20056NR



CS20631NR



CS20801NR



CS20359NR



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	83	20
CS20114NR	85361010	6A, 250V	Luminous	1	116	
CS20115NR	85361010	6A, 250V	Luminous	2	130	10
CS20573NR	85361020	16A, 250V	General	1	136	20
CS20574NR	85361020	16A, 250V	Luminous	1	168	
CS20575NR	85361020	16A, 250V	Luminous	2	179	10
CS20117NR	85361020	25A, 250V	General	1	180	20
CS20118NR	85361020	25A, 250V	Luminous	1	213	
CS20119NR	85361020	25A, 250V	General	2	213	10
CS20120NR	85361020	25A, 250V	Luminous	2	238	
Two-Way Switches						
CS20123NR	85361010	6A, 250V	General	1	132	20
CS20124NR	85361010	6A, 250V	General	2	136	10
CS20578NR	85361020	16A, 250V	General	1	188	20
CS20579NR	85361020	16A, 250V	General	2	192	10

Product Code - Pure White	**HSN Code**	**Description**	**Type**	**No. Modules**	**MRP (₹)**	**Std. Pkg. (Nos.)**
Bell Push Switches						
CS20509NR	85361010	6A, Bell Push	General	1	112	20
CS20508NR	85361010	6A, Bell Push	Luminous	1	131	
CS20510NR	85361010	6A, Bell Push	General	2	139	10
CS20511NR	85361010	6A, Bell Push	Luminous	2	147	
Blanking Module						
CS20056NR	85381010	1M Blank	General	1	30	50

Product Code - Pure White	**HSN Code**	**Description**	**No. Modules**	**MRP (₹)**	**Std. Pkg. (Nos.)**
Neon Indicator					
CS20631NR	85361010	Neon Indicator Red	1	77	20

Product Code - Pure White	**HSN Code**	**Description**	**No. Modules**	**MRP (₹)**	**Std. Pkg. (Nos.)**
Fan Regulator / Dimmer					
CS20826NR	85361010	5-Step Fan Regulator 100W	2	421	10
CS20828NR	85361010	5 Step Fan Regulator 120 W	2	484	10
CS20827NR	85361010	4-Step Fan Regulator 100W	1	327	20
CS20801NR	85361010	Rotary Type Dimmer 500W	2	426	10
CS20804NR	85361010	Rotary Type Dimmer 300W	1	322	20
Sockets with Safety Shutters					
CS20370NR	85361010	6A, 3 Pin	2	114	10
CS20352NR	85361020	6/16A, 6 Pin	3	227	
CS20354NR	85361020	6/16A, Socket Projected	2	210	

Product Code - Pure White	**HSN Code**	**Description**	**No. Modules**	**MRP (₹)**	**Std. Pkg. (Nos.)**
TV Socket / Flex Outlet					
CS20228NR	85361010	TV Socket	1	107	20
CS20237NR	85361010	Flex Outlet	1	68	

Product Code - Pure White	**HSN Code**	**Description**	**No. Modules**	**MRP (₹)**	**Std. Pkg. (Nos.)**
Telephone / Computer Socket					
CS20251NR	85361010	RJ 11, Telephone Jack	1	107	20
CS20271NR	85361010	RJ 45, Computer Jack CAT5e	1	345	
CS20272NR	85361010	RJ 45, Computer Jack CAT6	1	534	
CS20273NR	85361010	RJ 45, Computer Jack CAT6a	1	1024	



CS20636NR

Buzzer

Product Code	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS20636NR	85044030	Buzzer	1	562	20



CS20275NR

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	956	20



CS20815NR

Hospitality Range

Product Code-Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Energy Saving Switch					
CS20815NR	85361020	25A, Energy Saving Switch With Key Tag & Indicator	2	499	1
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	230	20
CS20611NR	85361010	DND/MMR Internal Unit	1+1	218	10
CS20609NR	85361010	Indicator	1	94	20
Skirt Light & Night Lamp					
CS20632NR	94051090	Skirt Light	2	372	10
CS20633NR	94051090	Night Lamp	2	390	10



CS20611NR CS20610NR



CS20632NR CS20633NR

Modular Miniature Case Circuit Breaker - WiNtrip 'S'

Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Single & Double Pole					
CS20431NR	85361010	6A Single Pole 4.5kA - Tripping Curve 'C'	1	230	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	549	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

Product Code - Pure White		Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS26401WNR	85371000	Power Unit Combo 16A MCB Protected Socket	4	829	1



CS20364NR

Single Phase Motor Starter

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CS20364NR	85361020	Motor Starter 16A	617	10
CS20366NR	85361020	Motor Starter 25A		



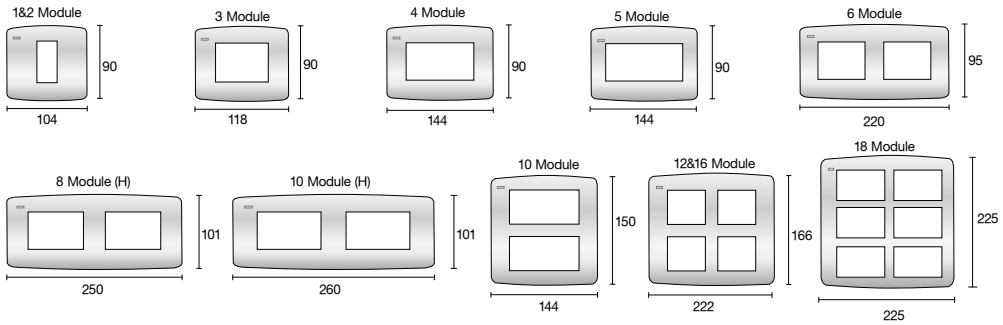


GN RD YL BL GR



Top Plates with Support Plate				
Product Code - Pure White	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CS25701WHNR	85381010	1 Module Plate	86	10
CS25702WHNR	85381010	2 Module Plate		
CS25703WHNR	85381010	3 Module Plate	134	
CS25704WHNR	85381010	4 Module Plate	140	
CS25705WHNR	85381010	5 Module Plate (Compatible with 4M Metal Box)		
CS25706WHNR	85381010	6 Module Plate	190	
CS25707WHNR	85381010	8 Module-Horizontal	252	
CS25709WHNR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)		
CS25710WHNR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)		5
CS25711WHNR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)		
CS25712WHNR	85381010	12 Module Plate	316	
CS25716WHNR	85381010	16 Module Plate (Compatible With 12M Metal Box)	400	
CS25718WHNR	85381010	18 Module Plate	412	
Red / Yellow/ Green/ Blue / Grey Plates				
CS25701NR	85381010	1 Module Plate	97	10
CS25702NR	85381010	2 Module Plate		
CS25703NR	85381010	3 Module Plate	141	
CS25704NR	85381010	4 Module Plate	147	
CS25705NR	85381010	5 Module Plate (Compatible With 4M Metal Box)		
CS25706NR	85381010	6 Module Plate	199	
CS25707NR	85381010	8 Module Horizontal	255	
CS25709NR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)		
CS25710NR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)		5
CS25711NR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)		
CS25712NR	85381010	12 Module Plate	341	
CS25716NR	85381010	16 Module Plate (Compatible With 12M Metal Box)	415	
CS25718NR	85381010	18 Module Plate	476	
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	185	10
CS25702WNNR	85381010	2 Module Plate		
CS25703WNNR	85381010	3 Module Plate	235	
CS25704WNNR	85381010	4 Module Plate	255	
CS25705WNNR	85381010	5 Module Plate (Compatible With 4M Metal Box)		
CS25706WNNR	85381010	6 Module Plate	236	
CS25707WNNR	85381010	8 Module Horizontal	468	
CS25709WNNR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)		
CS25710WNNR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)		5
CS25711WNNR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)		
CS25712WNNR	85381010	12 Module Plate	575	
CS25716WNNR	85381010	16 Module Plate (Compatible With 12M Metal Box)	609	
CS25718WNNR	85381010	18Module Plate	723	

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.)
Single Pole - Tripping Curve 'C'					
CG20431RNR	85361010	6A Single Pole 4.5kA-Tripping Curve 'C'	1	230	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	549	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'			



CS20436NR CS20438NR

Non-Modular Miniature Case Circuit Breaker - WiNtrip 'S'					
Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Single & Double Pole					
CS20431NNR	85361010	6A Single Pole 4.5kA-Tripping Curve 'C'	1	230	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	549	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'			

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

10 YEARS 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 reinstallations 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









We touch your electricity everyday!

Suitable for IE2 and IE3 motors
C&S: DOL - Type-2 Co-ordination chart, Class-10 (Theoratical)
Iq-50 kA @400/415V, 50Hz, Fuse + Contactor + OLR

Motor kW rating IS: 12615	FLA (A)	C&S Contactor	C&S rating (A)	C&S Relay	C&S Relay rating (A)	SCPD -gG	SCPD Rating (A)
0.55	1.70	TC1D0901/10	9	TR2D093X6	1.25-2	CDFL 00 6	6
0.75	2.20	TC1D0901/10	9	TR2D09307	1.6-2.5	CDFL 00 6	6
1.1	2.9	TC1D0901/10	9	TR2D09308	2.5-4	CDFL 00 6	6
1.5	3.8	TC1D0901/10	9	TR2D09308	2.5-4	CDFL 00 10	10
2.2	5.1	TC1D0901/10	9	TR2D09310	4-6	CDFL 00 16	16
3.7	8.1	TC1D1201/10	12	TR2D09314	7-10	CDFL 00 20	20
5.5	11.4	TC1D1801/10	18	TR2D12316	9-13	CDFL 00 25	25
7.5	15.4	TC1D2201/10	22	TR2D18321	12-18	CDFL 00 35	35
11	22	TC1D2501/10	25	TR2D25322	17-25	CDFL 00 50	50
15	30	TC1D3201/10	32	TR2D32353	23-32	CDFL 00 63	63
18.5	36.0	TC1D5011	50	TR2D40355	30-40	CDFL 00 80	80
22	43	TC1D6511	65	TR2D65357	37-50	CDFL 00 80	80
30	56	TC1D7011	70	TR2D65359	48-65	CDFL 00 100	100
37	69	TC1D9511	95	TR2D80363	63-80	CDFL 00 125	125
45	84	LC1FDP115A	115	LR1-F(M)105	65-105	CDFL 00 160	160
55	99	LC1FDP115A	115	LR1-F(M)105	65-105	CDFL 00 160	160
75	134	LC1FDP185A	185	LR1-F200	125-200	CDFL1 250	250
90	164	LC1FDP185A	185	LR1-F200	125-200	CDFL2 315	315
110	204	LC1FDP265A	265	LR1-F250	160-250	CDFL2 315	315
125	234	LC1FDP330A	330	LR1-F315	200-315	CDFL2 315	315
132	247	LC1FDP330A	330	LR1-F315	200-315	CDFL2 315	315
160	288	LC1FDP330A	330	LR1-F315	200-315	CDFL3 500	500
200	348	LC1FDP400A	400	LR1-F400	250-400	CDFL3 630	630
250	435	LC1FDP500A	500	LR1-F500	315-500	CDFL3 630	630

Suitable for IE2 and IE3 motors
C&S: DOL - Type-2 Co-ordination chart, Class-10 (Theoratical)
Iq-50 kA @400/415V, 50Hz, MCCB + Contactor + OLR

Motor kW rating	FLA (A)	C&S Contactor	C&S rating (A)	C&S Relay	C&S rating (A)	Winbreak1 MCCB	MCCB Rating (A)	Setting on Trip Unit (A)
22	43	TC1D9511	95	TR2D65357	37-50	CSE1S125MTU3P-50A	50	600.0
30	56	LC1FDP115A	115	TR2D65359+TA7D4064	48-65	CSE1S125MTU3P-63A	63	800.0
37	69	LC1FDP150A	150	TR2D80363+TA7D4064	63-80	CSE1S125MTU3P-100A	100	960.0
45	84	LC1FDP185A	185	LR1-F(M)105	65-105	CSE1S125MTU3P-100A	100	1200.0
55	99	LC1FDP225A	225	LR1-F(M)105	65-105	CSE1S125MTU3P-125A	125	1350.0
75	134	LC1FDP265A	265	LR1-F200	125-200	CSE2S250MTU3P-160A	160	1920.0
90	164	LC1FDP330A	330	LR1-F200	125-200	CSE2S250MTU3P-200A	200	2400.0
110	204	LC1FDP400A	400	LR1-F250	160-250	CSE2S250MTU3P-250A	250	3000.0
125	234	LC1FDP500A	500	LR1-F315	200-315	CSE3S400MTU3P-320A	320	3456.0
132	247	LC1FDP500A	500	LR1-F315	200-315	CSE3S400MTU3P-320A	320	3456.0
160	288	LC1FDP630A	630	LR1-F315	200-315	CSE3S400MTU3P-350A	350	4200.0
200	348	LC1FDP800A	800	LR1-F400	250-400	CSE3S400MTU3P-400A	400	4800.0
250	435	LC1FDP800A	800	LR1-F500	315-500	CSE4S630MTU3P-500A	500	5400.0

Type 2 Co-ordination Charts

Suitable for IE2 and IE3 motors
C&S: Star-Delta - Type-2 Co-ordination chart, Class-10 (Theoratical)
Iq-50 kA @400/415V, 50Hz, Fuse + Contactor + OLR

Motor kW rating	FLA (A)	C&S Contactor Main/Delta	C&S rating Main / Delta (A)	C&S Contactor Star	C&S rating Star (A)	C&S Relay	C&S rating (A)	SCPD	SCPD Rating (A)
1.5	3.8	TC1D0901/10	9	TC1D0901/10	9	TR2D09307	1.6-2.5	CDFL 00 6	6
2.2	5.1	TC1D0901/10	9	TC1D0901/10	9	TR2D09308	2.5-4	CDFL 00 10	10
3.7	8.1	TC1D0901/10	9	TC1D0901/10	9	TR2D09310	4-6	CDFL 00 10	10
5.5	11.4	TC1D0901/10	9	TC1D0901/10	9	TR2D09312	5.5-8	CDFL 00 16	16
7.5	15.4	TC1D1201/10	12	TC1D0901/10	9	TR2D09314	7-10	CDFL 00 20	20
11	22	TC1D1801/10	18	TC1D1201/10	12	TR2D18321	12-18	CDFL 00 32	32
15	30	TC1D2201/10	22	TC1D1801/10	18	TR2D18321	12-18	CDFL 00 40	40
18.5	36.0	TC1D2501/10	25	TC1D1801/10	18	TR2D25322	17-25	CDFL 00 40	40
22	43	TC1D3201/10	32	TC1D1801/10	18	TR2D32353	23-32	CDFL 00 50	50
30	56	TC1D3801/10	38	TC1D2501/10	25	TR2D32355	28-36	CDFL 00 63	63
37	69	TC1D5011	50	TC1D3201/10	32	TR2D65357	37-50	CDFL 00 80	80
45	84	TC1D6511	65	TC1D3801/10	38	TR2D65357	37-50	CDFL 00 100	100
55	99	TC1D8011	80	TC1D5011	50	TR2D65359	48-65	CDFL 00 100	100
75	134	LC1FDP115A	115	TC1D8011	80	LR1F105	65 - 105	CDFL 00 160	160
90	164	LC1FDP115A	115	TC1D8011	80	LR1F105	65 - 105	CDFL 00 160	160
110	204	LC1FDP150A	150	TC1D9511	95	LR1F105	80 - 125	CDFL1 200	200
125	234	LC1FDP150A	150	TC1D9511	95	LR1F160	100 - 160	CDFL1 250	250
132	247	LC1FDP150A	150	LC1FDP115A	115	LR1F160	100 - 160	CDFL1 250	250
160	288	LC1FDP225A	225	LC1FDP150A	150	LR1F200	125 - 200	CDFL2 315	315
200	348	LC1FDP330A	330	LC1FDP265A	265	LR1F250	160 - 250	CDFL2 400	400
250	435	LC1FDP400A	400	LC1FDP330A	330	LR1F315	200 - 315	CDFL3 500	500
315	548	LC1FDP500A	500	LC1FDP400A	400	LR1F500	315 - 500	CDFL3 630	630
355	618	LC1FDP500A	500	LC1FDP400A	400	LR1F500	315 - 500	CDFL3 630	630
375	653	LC1FDP630A	630	LC1FDP400A	400	LR1F500	315 - 500	CDFL3 630	630

Type 2 Co-ordination Charts

Suitable for IE2 and IE3 motors
C&S: Star-Delta - Type-2 Co-ordination chart, Class-10 (Theoratical)
Iq-50 kA @400/415V, 50Hz, MCCB + Contactor + OLR

Motor kW rating	FLA (A)	C&S Contactor Main/Delta	C&S rating Main/Delta (A)	C&S Contactor Star	C&S rating Star (A)	C&S Relay	C&S rating (A)	Winbreak1 MCCB	MCCB Rating (A)	Setting on Trip Unit (A)
0.75	2.2	TC1D0901/10	9	TC1D0901/10	9	TR2D09306	1-1.6	CSE1S125FMTU3P-16A	16	350
1.1	2.9	TC1D0901/10	9	TC1D0901/10	9	TR2D09307	1.6-2.5	CSE1S125FMTU3P-16A	16	350
1.5	3.8	TC1D0901/10	9	TC1D0901/10	9	TR2D09307	1.6-2.5	CSE1S125FMTU3P-16A	16	350
2.2	5.1	TC1D0901/10	9	TC1D0901/10	9	TR2D09308	2.5-4	CSE1S125FMTU3P-16A	16	350
3.7	8.1	TC1D0901/10	9	TC1D0901/10	9	TR2D09310	4-6	CSE1S125FMTU3P-16A	16	350
5.5	11.4	TC1D0901/10	9	TC1D0901/10	9	TR2D09312	5.5-8	CSE1S125FMTU3P-16A	16	350
7.5	15.4	TC1D1201/10	12	TC1D0901/10	9	TR2D09314	7-10	CSE1S125FMTU3P-16A	16	350
11	22	TC1D1801/10	18	TC1D1201/10	12	TR2D18321	12-18	CSE1S125FMTU3P-32A	32	600
15	30	TC1D2201/10	22	TC1D1801/11	18	TR2D18321	12-18	CSE1S125MTU3P-63A	63	640
18.5	36.0	TC1D2501/10	25	TC1D1801/12	18	TR2D25322	17-25	CSE1S125MTU3P-80A	80	768
22	43	TC1D3201/10	32	TC1D1801/13	18	TR2D32353	23-32	CSE1S125MTU3P-80A	80	960
30	56	TC1D3801/10	38	TC1D2501/14	25	TR2D32355	28-36	CSE1S125MTU3P-100A	100	1200
37	69	TC1D5011	50	TC1D3201/15	32	TR2D65357	37-50	CSE2S250MTU3P-125A	125	1500
45	84	TC1D6511	65	TC1D3801/16	38	TR2D65357	37-50	CSE2S250MTU3P-160A	160	1920
55	99	TC1D8011	80	TC1D5011	50	TR2D65359	48-65	CSE2S250MTU3P-200A	200	2160
75	134	LC1FDP115A	115	TC1D8011	80	LR1F105	65-105	CSE3S400MTU3P-250A	250	3000
90	164	LC1FDP115A	115	TC1D8011	80	LR1F105	65-105	CSE3S400MTU3P-320A	320	3840
110	204	LC1FDP150A	150	TC1D9511	95	LR1F105	80-125	CSE3S400MTU3P-400A	400	4800
125	234	LC1FDP150A	150	TC1D9511	95	LR1F160	100-160	CSE4S500MTU3P-500A	500	5400
132	247	LC1FDP150A	150	LC1FDP115A	115	LR1F160	100-160	CSE4S500MTU3P-500A	500	5400
160	288	LC1FDP225A	225	LC1FDP150	150	LR1F200	125 200	CSE4S500MTU3P-630A	630	6804
200	348	LC1FDP330A	330	LC1FDP265A	265	LR1F250	160-250	CSE4S500MTU3P-630A	630	7560

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95994 45253
(9:00 AM to 6:00 PM)

Email: customercare@cselectric.co.in

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(Refer contact details on page no. 5 to 11)

***Central Customer Services (CCS) " ≥ 48 Hours"**
(Connect via Toll free no., Email ID, & Whatsapp no.)

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Head Services - Mr. Bikram Rana " ≥ 96 Hours"
Email: bikram.rana@cselectric.co.in

Sr.VP - Mr. P. Anandan " ≥ 120 Hours"
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*Refer complete service directory for contact details of service team

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