We touch
your electricity
everyday!

C&S electric

PRICE LIST

w.e.f 22nd January, 2026

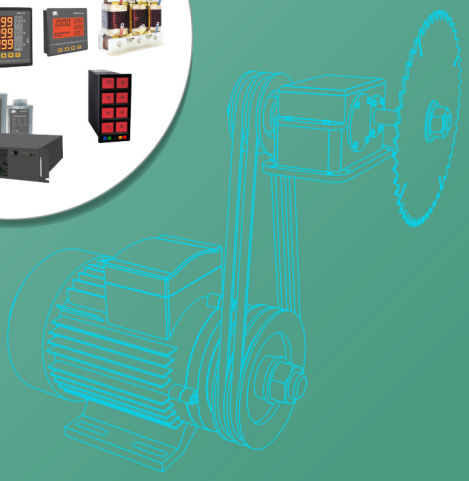
LV Components & Solutions

C&S electric

We touch your electricity everyday!

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

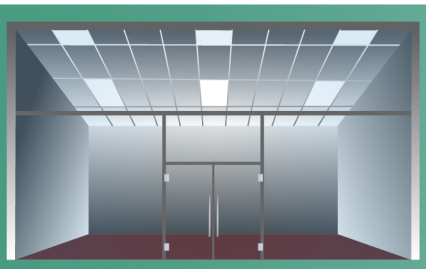
- Power Capacitor
- Alarm Annunciator
- Active Power Filter
- Active VAr Generator
- Detuned Reactor
- APFCR
- Thyristor Switing Module

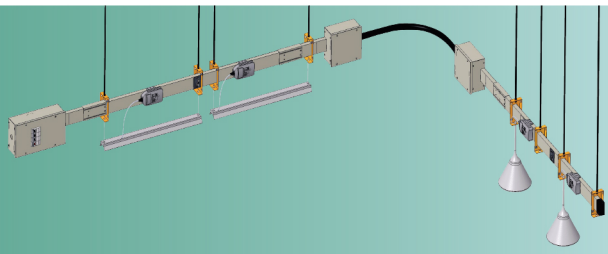


- Air Circuit Breakers
- Moulded Case Circuit Breakers
- Power Contactors
- DC Energy Meters

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

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





Lighting Trunking

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General Terms & Conditions

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

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

WARRANTY CLAUSE

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

CENTRAL CUSTOMER CARE (CCC)

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

Toll Free Number: 1800 572 2012
E-mail: customercare@cselectric.co.in

POR - Price on request
Products have been classified as Stockable & Non Stockable items.
Non Stockable items has been marked as ☒

HSN Code denoted as below:
[HSN Code 8536] GST@18%*
[HSN Code 8537] GST@18%*
[HSN Code 8538] GST@18%*

*Subject to change as per Government of India notification

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Power Distribution Components

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

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
- Intelligent Micropro3 Release Family
- Multiple Parameter Measurement
- **Condition Monitoring** - Contact Wear Indication, 20 Trip History

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INTELLIGENT RELEASE

Micropro Series

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

WiNmaster3 Air Circuit Breakers - Operational Voltage upto 690V

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

Price on Request

[HSN Code: 8536]

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

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

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

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

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

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

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

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

NOTE:
*Universal termination option available upto 3200A
For ordering EDO ACB replace MDO by EDO in the above reference code.
For ordering EF ACB replace MF by EF in the above reference code.

WiNmaster3 Air Circuit Breakers - Operational Voltage 800V

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

Price on Request

[HSN Code: 8536]

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

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

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

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

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

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

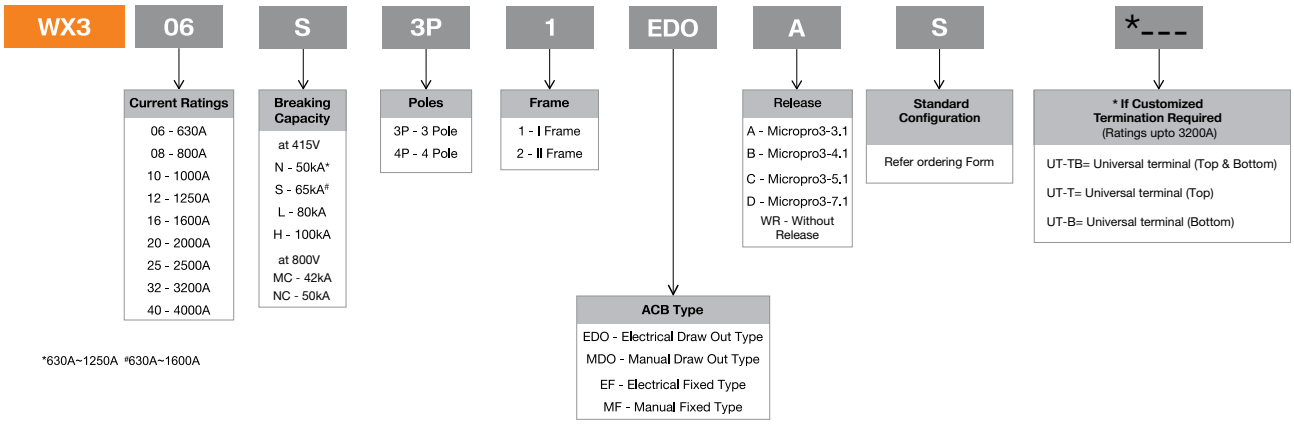
4 Pole MF Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics

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

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

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

ACB WiNmaster3 - Ordering Information



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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.

					Product Code
Frame1 ACB	☐ 630A ☐ 800A	☐ 1000A ☐ 1250A	☐ 1600A ☐ 2000A	☐ 2500A	
Breaking Capacity	**630A ~1250A** ☐ 50kA 415V / 36kA 690V	**630A ~1600A** ☐ 65kA 415V / 42kA 690V	**630A ~2500A** ☐ 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

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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.

CE RoHS Compliant

Range 630A~2500A

Single frame for complete range

Poles 3P & 4P

Versions Fixed & Drawout (Mechanical & Electrical)

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

Intelligent releases

- Micropro2 3.1
- Micropro2 4.1
- Micropro2 7.1

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

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)	228690	306030
800	50kA	WX08N3P*A(S)	228690	290200
1000	50kA	WX10N3P*A(S)	240760	304670
1250	50kA	WX12N3P*A(S)	279390	342360
1600	50kA	WX16N3P*A(S)	313120	371790
2000	50kA	WX20N3P*A(S)	367740	422900
2500	50kA	WX25N3P*A(S)	411890	480110

Drawout 3 Pole **[HSN Code: 8536]**

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MDO	*EDO
630	50kA	WX06N3P*A(S)	318160	386860
800	50kA	WX08N3P*A(S)	301710	386860
1000	50kA	WX10N3P*A(S)	314050	402350
1250	50kA	WX12N3P*A(S)	339860	438840
1600	50kA	WX16N3P*A(S)	389880	487790
2000	50kA	WX20N3P*A(S)	476540	582970
2500	50kA	WX25N3P*A(S)	583630	701720

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)	287990	364010
800	50kA	WX08N4P*A(S)	287990	364010
1000	50kA	WX10N4P*A(S)	300750	377440
1250	50kA	WX12N4P*A(S)	352440	431380
1600	50kA	WX16N4P*A(S)	400900	479090
2000	50kA	WX20N4P*A(S)	480630	564190
2500	50kA	WX25N4P*A(S)	509460	592410

Drawout 4 Pole **[HSN Code: 8536]**

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MDO	*EDO
630	50kA	WX06N4P*A(S)	377520	456340
800	50kA	WX08N4P*A(S)	377520	460690
1000	50kA	WX10N4P*A(S)	399140	478870
1250	50kA	WX12N4P*A(S)	425420	526700
1600	50kA	WX16N4P*A(S)	492390	572110
2000	50kA	WX20N4P*A(S)	605610	684550
2500	50kA	WX25N4P*A(S)	719650	796350

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	10460

	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 8480	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 63680	C
Without Release	For ordering ACB without release (Reduce from MRP of ACB with Micropro2 - 3.1 release)	Reduce 7730	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-**	11860
1.2	WM2/ WM3	With Delay Common for 630A~4000A	CS-WM2-AUH-D-ABC-**	12960

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-**	5930
2.2	WM2/ WM3	Closing Coil Common for 630A~4000A	CS-WM2-AVH-CC-ABC-**	5930

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	52540
3.2	WM2 / WM3	Universal Charging Motor-Common for 630A-2500A (for 415VAC)	CS-WM2-AMH-AU-A1-N	52540
3.3	WM2 / WM3	Universal Charging Motor-Common for 630A-2500A (for 110VAC/DC)	CS-WM2-AMH-AS-A1-F	52540
3.4	WM3	Universal Charging Motor for Frame2, Common for 800A-4000A (for 220VAC/DC)	CS-WM3-AMH-AV-A2-M	52540
3.5	WM3	Universal Charging Motor for Frame2, Common for 800A-4000A (for 415VAC)	CS-WM3-AMH-AU-A2-N	52540
3.6	WM3	Universal Charging Motor for Frame2, Common for 800A-4000A (for 11 0VAC/DC)	CS-WM3-AMH-AS-A2-F	52540
3.7	WM2 / WM3	LIFTER	LIFTER (580x600)*	220300
			LIFTER-SPL (690x570)*	242210
3.8	WM2 / WM3	Mismatch Prevention Device	CS-WM2-MIP-AB	2370
3.9	WM2	Panel Door Interlock (Drawout)	CS-WM2-PDL-AB	3390
3.10	WM2 / WM3	Mechanical interlock for interlocking 2 ACBs (Drawout)	CS-WM2-MIL-HD	55800
3.11	WM2 / WM3	Mechanical interlock for interlocking 2 ACBs (Fixed)	CS-WM2-MIL-HF	47680
3.12	WM2 / WM3	Key Lock (1 Lock + 1 Key)	CS-WM2-AKI-AB	9540
3.13	WM2 / WM3	Key Lock (3 Lock + 2 Key)	CS-WM2-AKI-1-AB	9960
3.14	WM2 / WM3	Key Lock (2 Lock + 1 Key)	CS-WM2-AKI-2-AB	7610
3.15	WM2 / WM3	Mechanical operation counter	CS-WM2-ASC-ABC	4360
3.16	WM2 / WM3	Ready to close contact	CS-WM2-RTC-ABC	2370
3.17	WM2 / WM3	Phase Barrier - 3 Pole (Drawout) ACB	CS-WM2-PB-3P	2990
3.18	WM2 / WM3	Phase Barrier - 4 Pole (Drawout) ACB	CS-WM2-PB-4P	4200
3.21	WM2 / WM3	Panel Door Interlock (Fixed) ACB	CS-WM2-PDLF-AB	3140
3.22	WM2 / WM3	Phase Barrier- 3Pole (Fixed) ACB	CS-WM2-PBF-3P	3330
3.23	WM2 / WM3	Phase Barrier- 4Pole (Fixed) ACB	CS-WM2-PBF-4P	4720
3.24	WM2 / WM3	Position Indication Switch	CS-WM2-ALB-AB	7080
3.25	WM2 / WM3	Auxiliary Switch (6NO+6NC)	CS-WM2-AXH-6A6B	6730
3.26	WM2 / WM3	IP54 cover for Drawout ACB- Frame-1	CS-WM3-CVRIP54-FR1	16610
3.27	WM3	IP54 cover for Drawout ACB- Frame-2	CS-WM3-CVRIP54-FR2	21170
3.28	WM3	Panel Door Lock (Drawout) ACB	CS-WM3-DOOR-INT-DRAB	1450

* 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.

C&S electric

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					QTY. (NOS.)	Product Reference
	☐ 630 A	☐ 1000 A	☐ 1600 A	☐ 2500 A		
	☐ 800 A	☐ 1250 A	☐ 2000 A			

NO. OF POLES			Breaking capacity	
	☐ 3 POLE	☐ 4 POLE		

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, GROUND FAULT _____ A

SHORT CIRCUIT _____ 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.

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C&S electric

Air Circuit Breaker
AH / AHA

Temperature Monitoring Protection

Extended Lifespan | Safety | Preventive Maintenance | Choice of Selection

INTELLIGENT RELEASE

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

Intelligent Protection Releases

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

RoHS Compliant

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)	183890	251840
800	50kA	AHA08N3P*MP3.1(S)	183890	251840
1000	50kA	AHA10N3P*MP3.1(S)	190260	260720
1250	50kA	AHA12N3P*MP3.1(S)	228080	307370
1600	50kA	AHA16N3P*MP3.1(S)	241180	309910
2000	50kA	AHA20N3P*MP3.1(S)	296980	403450
2500	50kA	AHA25N3P*MP3.1(S)	357730	434760
3200	65kA	AH30DCSMP3.1*(S)	535540	628290
4000	85kA	AH40DCSMP3.1*(S)	862810	939820

Fixed 4 Pole **[HSN Code: 8536]**

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MF	*EF
630	50kA	AHA06N4P*MP3.1(S)	229460	295950
800	50kA	AHA08N4P*MP3.1(S)	229460	295950
1000	50kA	AHA10N4P*MP3.1(S)	235050	305060
1250	50kA	AHA12N4P*MP3.1(S)	286500	360540
1600	50kA	AHA16N4P*MP3.1(S)	327640	391410
2000	50kA	AHA20N4P*MP3.1(S)	392570	495700
2500	50kA	AHA25N4P*MP3.1(S)	446940	538590
3200	65kA	AH30D4CSMP3.1*(S)	710550	794570
4000	85kA	AH40D4CSMP3.1*(S)	1029080	1176080

Drawout 3 Pole **[HSN Code: 8536]**

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N3P*MP3.1(S)	278630	342050
800	50kA	AHA08N3P*MP3.1(S)	278630	342050
1000	50kA	AHA10N3P*MP3.1(S)	291740	355160
1250	50kA	AHA12N3P*MP3.1(S)	337080	391380
1600	50kA	AHA16N3P*MP3.1(S)	358220	440420
2000	50kA	AHA20N3P*MP3.1(S)	455070	523000
2500	50kA	AHA25N3P*MP3.1(S)	549710	617800
3200	65kA	AHA30S3P*MP3.1(S)	702830	771300
4000	65kA	AHA40S3P*MP3.1(S)	876030	924250
4000	85kA	AH40DCSMP3.1*(S)	911820	953820
5000	85kA	AH50CCSMP3.1*(S)	POR	POR
6300	100kA	AH60CCSMP3.1*(S)	POR	POR

Drawout 4 Pole **[HSN Code: 8536]**

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N4P*MP3.1(S)	360440	430750
800	50kA	AHA08N4P*MP3.1(S)	360440	430750
1000	50kA	AHA10N4P*MP3.1(S)	368470	446000
1250	50kA	AHA12N4P*MP3.1(S)	434700	476190
1600	50kA	AHA16N4P*MP3.1(S)	465260	527460
2000	50kA	AHA20N4P*MP3.1(S)	591140	642210
2500	50kA	AHA25N4P*MP3.1(S)	694690	750550
3200	65kA	AHA30S4P*MP3.1(S)	818580	919330
4000	65kA	AHA40S4P*MP3.1(S)	1167620	1181590
4000	85kA	AH40D4CSMP3.1*(S)	1183680	1199130
5000	85kA	AH50C4CSMP3.1*(S)	POR	POR
6300	100kA	AH60C4CSMP3.1*(S)	POR	POR

NOTES: All configurable products are non stockable.

Air Circuit Breaker AH / AHA

630A~6300A

(III) ACB with Thermal Magnetic Release

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

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

Fixed 3 Pole **[HSN Code: 8536]**

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MF	*EF
630	50kA	AHA06N3P*TM(S)	147840	205980
800	50kA	AHA08N3P*TM(S)	158410	228690
1000	50kA	AHA10N3P*TM(S)	161630	230050
1250	50kA	AHA12N3P*TM(S)	215250	279990
1600	50kA	AHA16N3P*TM(S)	223270	300520
2000	50kA	AHA20N3P*TM(S)	256440	357480
2500	50kA	AHA25N3P*TM(S)	287480	413410
3200	65kA	AH30DCSTM*(S)	480920	577950
4000	85kA	AH40DCSTM*(S)	744770	840550

Fixed 4 Pole **[HSN Code: 8536]**

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MF	*EF
630	50kA	AHA06N4P*TM(S)	197940	254910
800	50kA	AHA08N4P*TM(S)	210040	267370
1000	50kA	AHA10N4P*TM(S)	213720	279040
1250	50kA	AHA12N4P*TM(S)	267180	337110
1600	50kA	AHA16N4P*TM(S)	289360	368900
2000	50kA	AHA20N4P*TM(S)	350700	427850
2500	50kA	AHA25N4P*TM(S)	414420	490690
3200	65kA	AH30D4CSTM*(S)	601460	689770
4000	85kA	AH40D4CSTM*(S)	882120	1023020

Drawout 3 Pole **[HSN Code: 8536]**

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N3P*TM(S)	236030	304790
800	50kA	AHA08N3P*TM(S)	238590	313970
1000	50kA	AHA10N3P*TM(S)	245110	317930
1250	50kA	AHA12N3P*TM(S)	295660	358820
1600	50kA	AHA16N3P*TM(S)	341530	402580
2000	50kA	AHA20N3P*TM(S)	404110	463950
2500	50kA	AHA25N3P*TM(S)	487540	551320
3200	65kA	AHA30S3P*TM(S)	614280	678880
4000	65kA	AHA40S3P*TM(S)	813590	876970
4000	85kA	AH40DCSTM*(S)	854910	930600

Drawout 4 Pole **[HSN Code: 8536]**

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹)	
			*MD	*ED
630	50kA	AHA06N4P*TM(S)	296310	376470
800	50kA	AHA08N4P*TM(S)	302760	390830
1000	50kA	AHA10N4P*TM(S)	312740	395690
1250	50kA	AHA12N4P*TM(S)	379310	441800
1600	50kA	AHA16N4P*TM(S)	416680	480090
2000	50kA	AHA20N4P*TM(S)	526880	559060
2500	50kA	AHA25N4P*TM(S)	625100	675960
3200	65kA	AHA30S4P*TM(S)	766490	832380
4000	65kA	AHA40S4P*TM(S)	1033680	1062560
4000	85kA	AH40D4CSTM*(S)	1043080	1111350

NOTES: All configurable products are non stockable.

AHA ACB – ORDERING INFORMATION

AHA | 06 | N | 3P | ED | MP3.1 | (S)

CURRENT RATING :
- 06 – 630A
- 08 – 800A
- 10 – 1000A
- 12 – 1250A
- 16 – 1600A
- 20 – 2000A
- 25 – 2500A
- 30 – 3200A
- 40 – 4000A

POLES :
- 3P – 3 POLE
- 4P – 4 POLE

MICROPRO RELEASE :
- MP3.1 – Micropro3.1
- MP4.1 – Micropro4.1
- MP5.1 – Micropro5.1
- MP5.1T-Micropro5.1T
- SPM-Micropro5.1SPM
- TM – Thermal Magnetic
- WR – Without Release

BREAKING CAPACITY:
- N – 50kA
- S – 65kA

ACB TYPE :
- EF – ELECTRICAL FIXED
- MF – MANUAL FIXED
- ED – ELECTRICAL DRAWN OUT TYPE
- MD – MANUAL DRAWN OUT TYPE

(S) – STANDARD
(BLANK) - NON STANDARD

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	22550
MicroPro5.1 (LSING, Display, Current Measurement, Trip History, ZSI, Communication) add to the price of ACB with MP3.1	ADD	33900
MicroPro5.1 SPM (LSING, Display, Current Measurement, Trip History, ZSI, Communication, Power, Motor Protection) add to the price of ACB with MP3.1	ADD	49060
MicroPro5.1T (LSING, Display, Current Measurement, Trip History, ZSI, Temperature Sensing) add to the price of ACB with MP3.1	ADD	63030

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	7670
2000A	Reduce	9590
2500A-3200A	Reduce	12420
4000A	Reduce	14930

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

Air Circuit Breaker (B-Type)

630A~2000A

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

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

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

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	MRP (₹) MF
630	50kA	AH06BCSTM*(S)	137680
800	50kA	AH08BCSTM*(S)	138380
1000	50kA	AH10BCSTM*(S)	139620
1250	50kA	AH12BCSTM*(S)	157890
1600	50kA	AH16BCSTM*(S)	189890
2000	50kA	AH20BCSTM*(S)	208890

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)	146210
800	50kA	AH08BCSMP3.1*(S)	152240
1000	50kA	AH10BCSMP3.1*(S)	162350
1250	50kA	AH12BCSMP3.1*(S)	208140
1600	50kA	AH16BCSMP3.1*(S)	237570
2000	50kA	AH20BCSMP3.1*(S)	259050

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	10070

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

Sl. No.	EFR with NCT and Wiring Bunch for 3P Breaker			EFR with Wiring Bunch for 4P Breaker	
	Description	Reference	MRP (₹)	Reference	MRP (₹)
2.1	06D/06N	CS-EFR-06D3P	13330	CS-EFR-06D4P	9660
2.2	08D/08N	CS-EFR-08D3P	13330	CS-EFR-08D4P	9660
2.3	10D/10N	CS-EFR-10D3P	13330	CS-EFR-10D4P	9660
2.4	12D/12N	CS-EFR-12D3P	13330	CS-EFR-12D4P	9660
2.5	16D/16N	CS-EFR-16D3P	13330	CS-EFR-16D4P	9660
2.6	20N/20S	CS-EFR-20N3P	13330	CS-EFR-20N4P	9660
2.7	20D	CS-EFR-20D3P	15510	CS-EFR-20D4P	10080
2.8	25D/25N	CS-EFR-25D3P	15510	CS-EFR-25D4P	10080
2.9	30S	CS-EFR-30S3P	15510	CS-EFR-30S4P	10080
2.10	30D	CS-EFR-30D3P	15510	CS-EFR-30D4P	11600
2.11	40S	CS-EFR-40S3P	15510	CS-EFR-40S4P	11600
2.12	40D	CS-EFR-40D3P	21120	CS-EFR-40D4P	11600
2.13	50C	CS-EFR-50C3P	POR	CS-EFR-50C4P	POR
2.14	60C	CS-EFR-60C3P	POR	CS-EFR-60C4P	POR

NOTES: All configurable products are non stockable.

Main Accessories For "AH/AHA" ACB

(Please specify ACB rating & type while placing orders)

[HSN Code: 8538]

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

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

Sl. No.	Type	Description	Phase CT	Neutral CT	MRP (₹)
4.1.1	-	100/0.2A	CS-WMCT-014	CS-ATBWM-010	4800
4.1.2	-	200/0.2A	CS-WMCT-02	CS-ATBWM-02	4800
4.1.3	-	250/0.2A	CS-WMCT-024	CS-ATBWM-024	4800
4.1.4	-	300/0.2A	CS-WMCT-034	CS-ATBWM-030	4800
4.1.5	-	400/0.2A	CS-WMCT-044	CS-ATBWM-040	4800
4.1.6	6D / 06N	630/0.2A	CS-WMCT-064	CS-ATBWM-060	4800
4.1.7	8D/08N	800/0.2A	CS-WMCT-084	CS-ATBWM-080	4800
4.1.8	10D/10N	1000/0.2A	CS-WMCT-104	CS-ATBWM-110	5050
4.1.9	12D / 12N	1250/0.2A	CS-WMCT-124	CS-ATBWM-120	5050
4.1.10	16D / 16N	1600/0.2A	CS-WMCT-164	CS-ATBWM-160	5050
4.1.11	20N/20S	2000/0.2A	CS-WMCT-220	CS-ATBWM-220	6750
4.1.12	20D	2000/0.2A	CS-ATBWM-220	CS-ATBWM-220	6750
4.1.13	25D / 25N	2500/0.2A	CS-ATBWM-225	CS-ATBWM-225	6750
4.1.14	30S	3200/0.2A	CS-ATBWM-2532	CS-ATBWM-332	8430
4.1.15	30D	3200/0.2A	CS-ATBWM-332	CS-ATBWM-332	8430
4.1.16	40S / 40D	4000/0.2A	CS-ATBWM-440	CS-ATBWM-440	12060
4.1.17	50C	5000/0.2A	CS-ATBWM-550	CS-ATBWM-554	14340
4.1.18	60C	6300/0.2A	CS-ATBWM-660	CS-ATBWM-664	14340

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	4460
4.2.2		200/5A	CS-ATB-020	CS-ATB-020N	4460
4.2.2	-	250/5A	CS-ATB-024	CS-ATB-020	4460
4.2.4		300/5A	CS-ATB-034	CS-ATB-030	4460
4.2.5	-	400/5A	CS-ATB-044	CS-ATB-040	4460
4.2.6	6D / 06N	630/5A	CS-ATB-064	CS-ATB-060	4460
4.2.7	8D/08N	800/5A	CS-ATB-084	CS-ATB-080	4460
4.2.8	10D/10N	1000/5A	CS-ATB-104	CS-ATB-110	4580
4.2.9	12D / 12N	1250/5A	CS-ATB-134	CS-ATB-120	4700
4.2.10	16D / 16N	1600/5A	CS-ATB-164	CS-ATB-160	5300
4.2.11	20N/20S	2000/5A	CS-ATB-220	CS-ATB-220	6010
4.2.12	20D	2000/5A	CS-ATB-220	CS-ATB-220	6010
4.2.13	25D / 25N	2500/5A	CS-ATB-225	CS-ATB-225	6750
4.2.14	30S	3200/5A	CS-ATB-2532	CS-ATB-332	7820
4.2.15	30D	3200/5A	CS-ATB-332	CS-ATB-332	7820
4.2.16	40S / 40D	4000/5A	CS-ATB-440	CS-ATB-440	11200
4.2.17	50C	5000/5A	CS-ATB-554	CS-ATB-550	14100
4.2.18	60C	5000/5A	CS-ATB-664	CS-ATB-660	14100

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	2350
		20D-40D/25N-40S	CS-AXH-3A2B-220	2350
4.2	10 way (5NO+5NC)	6D-16D/08N-20S	CS-AXH-5A5B-116	3550
		20D-40D/25N-40S / 50C-60C	CS-AXH-5A5B-220	3550
4.3	14 way (7NO+7NC)	6D-16D/06N-20S	CS-AXH-7A7B-116	5800
		20D-40D/25N-40S / 50C-60C	CS-AXH-7A7B-220	5800

5. UVT Device

[HSN Code: 8538]

Sl. No.	Description	Reference	MRP (₹)
5.1	Compact UVT Coil6D-16D/06N-20S	CS-AUH-V-A-**	8130
5.2	20D-40D/25N-40S / 50C-60C	CS-AUH-V-B-**	8130

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-**	4520
	20D-40D/25N-40S/50C-60C	CS-AVH-S-220-**	4520
6.2	**Closing Coil** 6D-16D/06N-20S	CS-AVH-C-116-**	4520
	20D-40D/25N-40S/ 50C-60C	CS-AVH-C-220-**	4520

**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	1360	ALA-2	1360
8	Trip Indication Switch (For both manual and Fault indication in ACB)	CS-TIS-1	1360	CS-TIS-2	1360
9	Spring Charged Indication Switch	SCIS-M	1790	SCIS-M2	1790
10	Position Indication Switch (Right side)	ALB-4P-1	4470	ALB-IP-2	4470
11	Position Indication Switch (Left side)	ALB-FR-1-L	4470	ALB-FR-2-L	4470
12	Mechanical operation counter	ASC-1	4140	ASC-2	4140
13	Key Lock (One lock + One key)	AKI-116D	3140	AKI-2D	3140
14	Castle Key Lock-3 Pole	CKI-116 (3P)	9630	CKI-220 (3P)	9630
	Castle Key Lock-4 Pole	CKI-116 (4P)	9630	CKI-220 (4P)	9630
15	Key Interlock (Consisting of 3-Key Locks with 2 Keys (same No.) fitted on 3 ACBs)	AKI-1-1	8550	AKI-1-2	8550
16	Key Interlock (Consisting of 2-Key Locks with 1 Key (same No.) fitted on 2 ACBs)	AKI-2-1	6550	AKI-2-2	6550
17	Mal Insertion Preventor	MIP-NPCIL	POR	MPI-2-NPCL	POR

NOTES: All configurable products are non stockable.

C&S electric

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 ☐
MicroPro 5.1T ☐
MicroPro 5.1SPM ☐
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

C&S electric

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)

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

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 ☐

Key Lock ☐

OCR Alaram Switch ☐

Mech. Operation Counter ☐

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 Breakers

MCCB with Enhanced Monitoring and Control

- Communicable
- Real Time Data
- Remote Control & Monitoring
- Data Driven Decision Making

RoHS Compliant

- Complying to IEC 60947-2
- Unique 'Reserve Trip Assembly'
- Suitable for voltage up to 690V / Ui 1000V 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
- Communication option available

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-*	10170	CSE1M125FMU4P-*	13060
	16, 20, 25, 32, 40, 50	36kA	CSE1NN125FMU3P-*	13040	CSE1NN125FMU4P-*	15890

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

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 1	63, 80, 100	25kA	CSE1M125ATM3P-*	10860	CSE1M125ATM4P-*	14340
	125		CSE1M125ATM3P-*	14870	CSE1M125ATM4P-*	16720
Frame 2	160		CSE2M250ATM3P-*	19410	CSE2M250ATM4P-*	23260
	200		CSE2M250ATM3P-*	24510	CSE2M250ATM4P-*	27950
	250		CSE2M250ATM3P-*	29010	CSE2M250ATM4P-*	32990
Frame 3	320		CSE3M400ATM3P-*	36980	CSE3M400ATM4P-*	43210
	350		CSE3M400ATM3P-*	36980	CSE3M400ATM4P-*	43210
	400		CSE3M400ATM3P-*	37540	CSE3M400ATM4P-*	45610
Frame 1	63, 80, 100	36kA	CSE1NN125ATM3P-*	13040	CSE1NN125ATM4P-*	16360
	125		CSE1NN125ATM3P-*	15240	CSE1NN125ATM4P-*	17780
Frame 2	160		CSE2NN250ATM3P-*	22470	CSE2NN250ATM4P-*	28550
	200		CSE2NN250ATM3P-*	27290	CSE2NN250ATM4P-*	30740
Frame 3	320		CSE3NN400ATM3P-*	37240	CSE3NN400ATM4P-*	43690
	350		CSE3NN400ATM3P-*	37240	CSE3NN400ATM4P-*	43690
	400		CSE3NN400ATM3P-*	37730	CSE3NN400ATM4P-*	46100
Frame 4	500		CSE4NN630ATM3P-*	42310	CSE4NN630ATM4P-*	53060
	630		CSE4NN630ATM3P-*	42310	CSE4NN630ATM4P-*	53060
Frame 1	63, 80, 100	50kA	CSE1S125ATM3P-*	17370	CSE1S125ATM4P-*	21070
	125		CSE1S125ATM3P-*	20360	CSE1S125ATM4P-*	25480
Frame 2	160		CSE2S250ATM3P-*	26900	CSE2S250ATM4P-*	34480
	200		CSE2S250ATM3P-*	30450	CSE2S250ATM4P-*	37040
	250		#CSE2SX250ATM3P-*	31130	#CSE2SX250ATM4P-*	38530
	250		CSE2S250ATM3P-*	32590	CSE2S250ATM4P-*	40460
Frame 3	320		CSE3S400ATM3P-*	39300	CSE3S400ATM4P-*	45410
	350		CSE3S400ATM3P-*	39300	CSE3S400ATM4P-*	45410
	400		CSE3S400ATM3P-*	40880	CSE3S400ATM4P-*	46840
Frame 4	500		CSE4S630ATM3P-*	53560	CSE4S630ATM4P-*	65810
	630		CSE4S630ATM3P-*	53560	CSE4S630ATM4P-*	65810

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

WiNbreak1 MCCB

Microprocessor Release 'MicroPro WB'

- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 40A-630A, 3P & 4P
- Breaking capacity: 36kA-55kA
- Communication*
- Trip History
- LCD: Indication of measurement and information
- Suitable for isolation
- Adjustable over load from 0.4-1.0In
- Adjustable short circuit from 2-12Ir*
- 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	26480	CSE1NN125ETM4P-40A	31130
	25-63		CSE1NN125ETM3P-63A	26480	CSE1NN125ETM4P-63A	31130
	40-100		CSE1NN125ETM3P-100A	28060	CSE1NN125ETM4P-100A	32680
	50-125		CSE1NN125ETM3P-125A	28980	CSE1NN125ETM4P-125A	35640
Frame 2	63-160		CSE2NN250ETM3P-160A	33260	CSE2NN250ETM4P-160A	39150
	80-200		CSE2NN250ETM3P-200A	39500	CSE2NN250ETM4P-200A	48630
Frame 3	160-400		CSE3NN400ETM3P-400A	58740	CSE3NN400ETM4P-400A	73280
Frame 4	250~630		CSE4NN630ETM3P-630A	63150	CSE4NN630ETM4P-630A	79970

ETM (with in-built Earth fault Protection) ● Adjustable Overload 40-100% ● Adjustable short circuit 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	29310	CSE1S125ETM4P-40A	32720
	25-63		CSE1S125ETM3P-63A	29310	CSE1S125ETM4P-63A	32720
	40-100		CSE1S125ETM3P-100A	29310	CSE1S125ETM4P-100A	32720
	50-125		CSE1S125ETM3P-125A	30000	CSE1S125ETM4P-125A	39410
Frame 2	63-160		CSE2S250ETM3P-160A	37340	CSE2S250ETM4P-160A	46760
	80-200		CSE2S250ETM3P-200A	40050	CSE2S250ETM4P-200A	49390
	100-250		CSE2S250ETM3P-250A	40220	CSE2S250ETM4P-250A	59280
	100-250		#CSE2SX250ETM3P-250A	40660	#CSE2SX250ETM4P-250A	51930
Frame 3	160-400		CSE3S400ETM3P-400A	61630	CSE3S400ETM4P-400A	78720
Frame 4	250~630		CSE4S630ETM3P-630A	73810	CSE4S630ETM4P-630A	96960

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

WiNbreak1 MCCB - Frame 'S'

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

FMU (Thermal Magnetic) Release ● Adjustable Overload 80-100% ● 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	4290	CSESK125FMU4P-*A	4860
	63, 80, 100A		CSESK125FMU3P-*A	5180	CSESK125FMU4P-*A	6910
	125A		CSESK125FMU3P-*A	5650	CSESK125FMU4P-*A	7210
	16, 20, 25, 32, 40, 50	18kA	CSESL125FMU3P-*A	6690	CSESL125FMU4P-*A	8750
	63, 80, 100A		CSESL125FMU3P-*A	6870	CSESL125FMU4P-*A	8940
	125A		CSESL125FMU3P-*A	7360	CSESL125FMU4P-*A	9790
	16, 20, 25, 32, 40, 50	25kA*	CSESMX125FMU3P-*A	7260	CSESMX125FMU4P-*A	8920
	63, 80, 100A		CSESMX125FMU3P-*A	7560	CSESMX125FMU4P-*A	9360
	125A		CSESMX125FMU3P-*A	7920	CSESMX125FMU4P-*A	9820

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

Single Pole MCCB

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

FTM (Thermal Magnetic) Release ● Fixed Overload ● Fixed short circuit

[HSN Code: 8536]

Size	Rating (A)	Breaking Capacity Icu at 240V AC	Reference	MRP (₹)
Frame 1	16, 20, 25, 32, 40	10kA	CSESK125FTM1P-16A	1820
			CSESK125FTM1P-20A	1820
			CSESK125FTM1P-25A	1820
			CSESK125FTM1P-32A	1820
			CSESK125FTM1P-40A	1820
	50, 63, 80, 100, 125		CSESK125FTM1P-50A	2010
			CSESK125FTM1P-63A	2010
			CSESK125FTM1P-80A	2010
			CSESK125FTM1P-100A	2010
			CSESK125FTM1P-125A	2010

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	12140
		32	CSE1S125FMTU3P-32A	12140
		50	CSE1S125FMTU3P-50A	12140
		63	CSE1S125MTU3P-63A	12350
		100	CSE1S125MTU3P-100A	12350
		125	CSE1S125MTU3P-125A	13860
Frame-2	50kA	160	CSE2S250MTU3P-160A	21460
		200	CSE2S250MTU3P-200A	27820
		220	CSE2S250MTU3P-220A	34590
		250	CSE2S250MTU3P-250A	34590
Frame-3	50kA	320	CSE3S400MTU3P-320A	41150
		350	CSE3S400MTU3P-350A	41150
		400	CSE3S400MTU3P-400A	41150
Frame-4		500	CSE4S630MTU3P-500A	42030
		630	CSE4S630MTU3P-630A	42030

ACCESSORIES - Suitable for use on WB1 MCCBs **[HSN Code: 8538]**

MCCB	Shunt Trip (SHT)	MRP (₹)	Under Voltage Trip (UVT)	MRP (₹)	Auxiliary Switch (AX)	MRP (₹)	Alarm Switch (AL)	MRP (₹)	Combination Switch (AX+AL)	MRP (₹)
CSES	STW1-S (...V)	1840	-	-	AXWS-L	1400	ALWS-L	1560	XLWS-L	2780
CSE1	STW1-(...V)	3120	UVTW1-(...V)	5410	AXW1-*	1630	ALW1-*	1700	XLW1-*	4040
CSE2							ALW2-*	1700	XLW1-2*	4040
CSE3/CSE4	STW1-3(...V)	4630	UVTW1-3(...V)	6330	AXW1-3*	2070	ALW1-3*	2160	XLW1-3*	4840

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
5. For 24V & 48V Shunt, please contact to nearest Branch Office

Voltage Selection UVT & Shunt

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

WiNbreak1 MCCB

Extended Rotary Handle **[HSN Code: 8538]**

Suitable for use on WB1 MCCBs	Reference	MRP (₹)
CSES	EHW1-0T-125	2920
CSE1	EHW1-125	3250
CSE2	EHW1-250	3820
CSE3 / CSE4	EHW1-400-630	4570

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	5280
CSE2	EXTKLWB1-250AF-T1	5280
CSE3 / CSE4	EXTKLWB1-400AF-T1	6200

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	3770	MIW1-125-4P	4680
CSE2	MIW1-250-3P	4100	MIW1-250-4P	4860

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

Locking Devices* **[HSN Code: 8538]**

Suitable for use on MCCBs	Key Lock*				Padlocking	
	3P Reference	MRP (₹)	4P Reference	MRP (₹)	Reference	MRP (₹)
CSE1	KLW1-125	2110	KLW1-125-4P	2310	PLW1-125	2210
CSE2	KLW1-250	2290	KLW1-250-4P	2450	PLW1-250	2450
CSE3 / CSE4	-	-		-	PLW1-400	4280

* 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	240	Set of 3
	4 Pole		CSET0044	360	Set of 4
CSE1	3 Pole	16, 20, 32, 40, 50, 63	CSET1033	240	Set of 3
CSE1	3 Pole	80, 100, 125	CSET1033C	350	Set of 3
CSE1	4 Pole	16, 20, 32, 40, 50, 63	CSET1044	400	Set of 4
CSE1	4 Pole	80, 100, 125	CSET1044C	500	Set of 4
CSE2	3 Pole	160, 200	CSET2033	590	Set of 3
CSE2	3 Pole	250	CSET2503-ST	960	Set of 3
CSE2	4 Pole	160, 200	CSET2044	880	Set of 4
CSE2	4 Pole	250	CSET2504-ST	1240	Set of 4
CSE3	3 Pole	320, 350, 400	CSET3033	2160	Set of 3
CSE3	4 Pole	320, 350, 400	CSET3044	2980	Set of 4
CSE4	3 Pole	500, 630	CSET4033-WB1	4770	Set of 3
CSE4	4 Pole	500, 630	CSET4044-WB1	6490	Set of 4

SS Enclosure for WB1 MCCB **[HSN Code: 8538]**

Size	Suitable for WB1 MCCBs	Reference	MRP (₹)
FrameS	CSES	CSE-ENCL-125S-3P	2830
	CSES	CSE-ENCL-125S-4P	2830
Frame1	CSE1	CSE-ENCL-125-3P	3010
	CSE1	CSE-ENCL-125-4P	3010
Frame2	CSE2	CSE-ENCL-250-3P	5200
	CSE2	CSE-ENCL-250-4P	5200

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

Motor Operator for WB1		[HSN Code: 8538]
Description	**Reference**	**MRP (₹)**
CSE1MOP24VDC	Motor Operator For Winbreak1 (CSE1 24V DC)	31630
CSE1MOP110VAC/DC	Motor Operator For Winbreak1 (CSE1 110V AC/DC)	31630
CSE1MOP220VAC/DC	Motor Operator For Winbreak1 (CSE1 220V AC/DC)	31630
CSE1MOP400VAC	Motor Operator For Winbreak1 (CSE1 400V AC)	31630
CSE2MOP24VDC	Motor Operator For Winbreak1 (CSE2 24V DC)	35410
CSE2MOP110VAC/DC	Motor Operator For Winbreak1 (CSE2 110V AC/DC)	35410
CSE2MOP220VAC/DC	Motor Operator For Winbreak1 (CSE2 220V AC/DC)	35410
CSE2MOP400VAC	Motor Operator For Winbreak1 (CSE2 400V AC)	35410
CSE3/4MOP24VDC	Motor Operator For Winbreak1 (CSE3/4 24V DC)	52490
CSE3/4MOP110VAC/DC	Motor Operator For Winbreak1 (CSE3/4 110V AC/DC)	52490
CSE3/4MOP220VAC/DC	Motor Operator For Winbreak1 (CSE3/4 220V AC/DC)	52490
CSE3/4MOP400VAC	Motor Operator For Winbreak1 (CSE3/4 400V AC)	52490

Earth Fault Relay (with CBCT) Suitable for 3 Phase 3 wire distribution network			[HSN Code: 8538]
Rating (Amps)	**Earth Fault Relay Setting Range**	**Reference**	**MRP (₹)**
32A	3.2~32A	EFR-CBCT125-AF-32	8910
40A	4~40A	EFR-CBCT125-AF-40	8910
63A	6.3~63A	EFR-CBCT125-AF-63	8910
80A	8~80A	EFR-CBCT125-AF-80	8910
100A	10~100A	EFR-CBCT125-AF-100	8910
125A	12.5~125A	EFR-CBCT125-AF-125	9480
200A	20~200A	EFR-CBCT250-AF-200	9480
250A	25~250A	EFR-CBCT250-AF-250	10600
400A	40~400A	EFR-CBCT400-AF-400	10600
630A	63~630A	EFR-CBCT630-AF-630	12280
800A	80~800A	EFR-CBCT800-AF-800	12280
1000A	100~1000A	EFR-CBCT1250-AF-1000	18940
1250A	125~1250A	EFR-CBCT1250-AF-1250	18940
Earth Fault Relay (with NCT) Suitable for 3 Phase 4 wire distribution network			
40A	4~40A	EFR125-AF-40(N)	8250
100A	10~100A	EFR125-AF-100(N)	8250
125A	12.5~125A	EFR125-AF-125(N)	8770
200A	20~200A	EFR250-AF-200	8770
250A	25~250A	EFR250-AF-250	9780
400A	40~400A	EFR400-AF-400	9780
630A	63~630A	EFR630-AF-630	11260
800A	80~800A	EFR800-AF-800	11260
1000A	100~1000A	EFR1250-AF-1000	18570
1250A	125~1250A	EFR1250-AF-1250	18570
NCT WiNbreak1 ETM (Microprocessor) 3 Pole MCCB if ground fault facility is required			
40	40/0.1A	ETMNCT40A	2720
63	63/0.1A	ETMNCT63A	2720
80	80/0.1A	ETMNCT80A	2720
100	100/0.1A	ETMNCT100A	2720
125	125/0.1A	ETMNCT125A	2720
160	160/0.1A	ETMNCT160A	3810
200	200/0.1A	ETMNCT200A	3810
250	250/0.1A	ETMNCT250A	3810
400	400/0.1A	ETMNCT400A	5200
630	630/0.1A	ETMNCT630A	POR

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C&S electric

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 / 1s
- Range: 800A to 1600A, 3P & 4P
- Breaking Capacity: 50kA, 70kA & 150kA
- Ui: 1000V
- Uimp: 8kV

N Type (Normal)

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	

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

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

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

Mechanical Interlock **[HSN Code: 8538]**

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

Padlocking Device **[HSN Code: 8538]**

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

NOTE : Above mentioned products are non stockable.

WiNbreak2 MCCB

Features:

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

FMU (Thermal Magnetic) Release ● Adjustable Overload 80-100% ● 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 4	800	65kA	☒CS800NFMU*3P	97830	CS800NFMU*4P	130900

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

Frame 4	800	65kA	☒CS800NATU*3P	109760	CS800NATU*4P	136090

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

Frame 4	800	65kA	☒CS800NETS*3P	118080	CS800NETS*4P	150660

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

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

Frame 4	800	65kA	☒CS800NE M43800A3PE	193870	☒CS800NETM43800A4PE	242340

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

Accessories **[HSN Code: 8536]**

Suitable for use on WB2 MCCBs	Shunt Trip (SHT)	MRP (₹)	Under Voltage Trip (UVT)	MRP (₹)	Auxiliary Switch (AX)	MRP (₹)	Alarm Switch (AL)	MRP (₹)	Fault Alram Switch (FAL)*	MRP (₹)
CS800	ST-T(..V)	5490	UVT-T(..V)	7490	AX-T	2370	AL-T	2370	FAL-T	2370

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

Voltage Selection UVT & Shunt

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

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

WiNbreak2 MCCB

Rotary Handle **[HSN Code: 8538]**

Suitable for use on WB2 MCCBs	Direct Rotary Handle	MRP (₹)	Direct Rotary Handle with Keylock	MRP (₹)	Extended Rotary Handle	MRP (₹)
CS800	⊠DH4-S	7560	⊠DHK4-S	8950	EH4-S	9790

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 (₹)
CS800	MIT43	19500	MIT44	19910

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

Suitable for MCCB Type	Control Voltage	Reference	MRP (₹)
CS800	⊠24V DC	MOP4(..V)	85580
	⊠AC110V/DC110V		
	AC230V/DC220V		

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

Padlocking Device **[HSN Code: 8538]**

Suitable for use on WB2 MCCBs	Fixed Lock		Removable Lock	
	Reference	MRP (₹)	Reference	MRP (₹)
CS800	⊠PHL 4	4330	⊠PL 4	2300

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

Description	Reference	MRP (₹)
800/0.1A	NCT-WB2-080	12310

⊠non stockable items.

WiNbreak MCCB - CSC Series

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

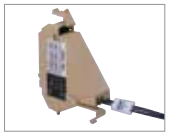
FTM (Thermal Magnetic) Release ● Fixed Overloadv ● Fixed short circuit **[HSN Code: 8536]**

Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	2 Pole Reference	MRP (₹)	3 Pole Reference	MRP (₹)	4 Pole Reference	MRP (₹)
Frame 5	700, 800	37kA	-	-	CSC6N3*	82770	⊠CSC6N4*	98830
Frame 5	700, 800	65kA	-	-	CSC6S3*	89680	CSC6S4*	113510
Frame 5	700, 800	85kA	-	-	CSC6L3*	190920	CSC6L4*	214770

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*	227090	⊠CSC7S4*	284270
	1200◆		-	-	CSC8S3*	241400	CSC8S4*	287960
Frame 6	1000◆	85kA	-	-	CSC7L3*	290170	CSC7L4*	347660
	1200◆		-	-	CSC8L3*	337620	CSC8L4*	406340

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



Accessories **[HSN Code: 8538]**

Suitable for use on WB-CSC MCCBs	Shunt Trip (SHT)	MRP (₹)	Under Voltage Trip (UVT)	MRP (₹)	Auxiliary Switch (AX)	MRP (₹)	Alarm Switch (AL)	MRP (₹)	Combination Switch (AX + AL)	MRP (₹)
CSC7, CSC8	ST-7A(...V)	16400	UVT-7A(...V)	16400	ASW-7A	5810	ALSW-7A	5560	-	-

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 (₹)
CSC6		-	-	-	E80U	8450

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

Spreader Terminals **[HSN Code: 8538]**

Suitable for use on MCCBs	Pole	Current Rating (A)	Reference	MRP (₹)	MOQ
CSC6	3 Pole	700, 800	CSET8033	4250	Set of 3
CSC6	4 Pole	700, 800	CSET8044	5180	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 6	CSC7, CSC8	⊠CS-CNM0100204	-	14520

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.

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C&S electric

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	3110	CSSDF32B2	3770					CDFL00 32	CTIA-32 (A2)
		TP	CSSDF32D3	3720	CSSDF32B3	3870	⊠E-CSSDF32D3	7130	E-CSSDF32B3	7400		
		TPN	CSSDF32D3N	3970	CSSDF32B3N	3980	E-CSSDF32D3N	7400	E-CSSDF32B3N	7550		
		4P	⊠CSSDF32D4FN	4580	⊠CSSDF32B4FN	4310	E-CSSDF32D4FN	8060	⊠E-CSSDF32B4FN	8180		
Frame 1	63A	2P	CSSDF63D2	4580	CSSDF63B2	4390					CDFL00 63	CSTIS-63 (A3)
		TP	CSSDF63D3	4770	CSSDF63B3	4710	⊠E-CSSDF63D3	8430	E-CSSDF63B3	8500		
		TPN	CSSDF63D3N	4850	CSSDF63B3N	5060	E-CSSDF63D3N	9110	E-CSSDF63B3N	9250		
		4P	CSSDF63D4FN	5320	CSSDF63B4FN	5500	E-CSSDF63D4FN	9480	⊠E-CSSDF63B4FN	9500		
Frame 2	100A	2P	CSSDF100D2	7930	CSSDF100B2	9160					CDFL00 100	CTCP-100 (A4)
		TP	CSSDF100D3	9600	CSSDF100B3	10570	E-CSSDF100D3	14110	E-CSSDF100B3	14440		
		TPN	CSSDF100D3N	10260	CSSDF100B3N	10760	E-CSSDF100D3N	14990	E-CSSDF100B3N	14560		
		4P	CSSDF100D4FN	12090	⊠CSSDF100B4FN	12780	E-CSSDF100D4FN	17060	⊠E-CSSDF100B4FN	17800		
Frame 2	125A	2P	CSSDF125D2	9610	CSSDF125B2	9770					CDFL00 125	CTCP-125 (A4)
		TP	CSSDF125D3	10260	⊠CSSDF125B3	10660	⊠E-CSSDF125D3	16190	E-CSSDF125B3	15980		
		TPN	CSSDF125D3N	11290	CSSDF125B3N	11530	E-CSSDF125D3N	16830	E-CSSDF125B3N	18010		
		4P	CSSDF125D4FN	14000	CSSDF125B4FN	13990	⊠E-CSSDF125D4FN	18400	⊠E-CSSDF125B4FN	19100		
Frame 2	160A	2P	⊠CSSDF160D2	11720	CSSDF160B2	12090					CDFL00 160	CTF-160 (B2)
		TP	CSSDF160D3	13020	⊠CSSDF160B3	13450	E-CSSDF160D3	18320	E-CSSDF160B3	18540		
		TPN	CSSDF160D3N	13260	CSSDF160B3N	14840	E-CSSDF160D3N	19730	⊠E-CSSDF160B3N	20440		
		4P	⊠CSSDF160D4FN	15800	⊠CSSDF160B4FN	17490	E-CSSDF160D4FN	24530	E-CSSDF160B4FN	27060		
Frame 3	200A	2P	CSSDF200D2	14300	CSSDF200B2	15050					CDFL1 200 / CSDFL1 200	CTF-200 (B2)
		TP	CSSDF200D3	15490	⊠CSSDF200B3	16230	⊠E-CSSDF200D3	21110	E-CSSDF200B3	25120		
		TPN	CSSDF200D3N	17410	CSSDF200B3N	17410	E-CSSDF200D3N	22850	E-CSSDF200B3N	26440		
		4P	CSSDF200D4FN	18500	CSSDF200B4FN	19920	⊠E-CSSDF200D4FN	26420	E-CSSDF200B4FN	27790		
Frame 3	250A	2P	CSSDF250D2	16240	⊠CSSDF250B2	16740					CDFL1 250/ CSDFL1 250	CTKF250(B3)
		TP	CSSDF250D3	18800	CSSDF250B3	19310	⊠E-CSSDF250D3	24520	E-CSSDF250B3	26440		
		TPN	CSSDF250D3N	18880	CSSDF250B3N	19540	E-CSSDF250D3N	25510	E-CSSDF250B3N	27230		
		4P	CSSDF250D4FN	21190	CSSDF250B4FN	21730	⊠E-CSSDF250D4FN	29680	E-CSSDF250B4FN	30340		
Frame 3	315A	2P	CSSDF315D2	19100	CSSDF315B2	20030					CDFL2 315/ CSDFL2 315	CTKF-315 (B3)
		TP	CSSDF315D3	24400	CSSDF315B3	24710	E-CSSDF315D3	30490	E-CSSDF315B3	32040		
		TPN	CSSDF315D3N	25120	CSSDF315B3N	25210	E-CSSDF315D3N	30820	E-CSSDF315B3N	32310		
		4P	CSSDF315D4FN	28970	CSSDF315B4FN	27390	⊠E-CSSDF315D4FN	40370	E-CSSDF315B4FN	43600		
Frame 3	400A	2P	⊠CSSDF400D2	24620	CSSDF400B2	25560					CDFL2 400/ CSDFL2 400	CTMF-400 (B4)
		TP	CSSDF400D3	29210	⊠CSSDF400B3	30680	⊠E-CSSDF400D3	37280	E-CSSDF400B3	38870		
		TPN	CSSDF400D3N	30090	CSSDF400B3N	31030	E-CSSDF400D3N	37550	E-CSSDF400B3N	39140		
		4P	CSSDF400D4FN	33570	CSSDF400B4FN	36370	⊠E-CSSDF400D4FN	42560	E-CSSDF400B4FN	46870		
Frame 4	630A	2P	CSSDF630D2	41680	⊠CSSDF630B2	37110					CDFL3 630	CTTM-630 (C2)
		TP	CSSDF630D3	51190	⊠CSSDF630B3	52670	E-CSSDF630D3	54850	E-CSSDF630B3	60830		
		TPN	CSSDF630D3N	52890	CSSDF630B3N	53330	E-CSSDF630D3N	57660	⊠E-CSSDF630B3N	65680		
		4P	CSSDF630D4FN	58580	CSSDF630B4FN	62840	⊠E-CSSDF630D4FN	70280	E-CSSDF630B4FN	74780		
Frame 4	800A	2P	CSSDF800D2	55640	CSSDF800B2	51770					-	CTLM-800 (C3)
		TP	⊠CSSDF800D3	60580	CSSDF800B3	65580	E-CSSDF800D3	POR	E-CSSDF800B3	POR		
		TPN	CSSDF800D3N	62140	CSSDF800B3N	68760	⊠E-CSSDF800D3N		⊠E-CSSDF800B3N			
		4P	⊠CSSDF800D4FN	71300	CSSDF800B4FN	77680	E-CSSDF800D4FN					

⊠non stockable items.

C&S electric

Switch Disconnector Fuse Unit

Accessories Switch Disconnectors Fuse Unit

Key Interlocks (3 Locks - 2 Keys) **[HSN Code: 8538]**

For Switch Type	Reference	MRP (₹)
CSSDF 32A - 160A	☒CSSDFZW-16	6260
CSSDF 200A - 800A	CSSDFZW-5	7020

Castle Key Locks **[HSN Code: 8538]**

CSSDF 32A - 160A	CSSDFZW-15	8020
CSSDF 200A - 800A	CSSDFZW-4	8440

Auxiliary Contacts **[HSN Code: 8538]**

1 NO + 1 NC CSSDF 32A - 63A for 3P	CSSDFZX46	1070
2 NO + 2 NC CSSDF 32A - 63A for 3P	CSSDFZX32	1960
1 NO + 1 NC CSSDF 32A - 63A for 2P & 4P	CSSDFZX46B	1070
2 NO + 2 NC CSSDF 32A - 63A for 2P & 4P	☒CSSDFZX32B	1960
1 NO + 1 NC CSSDF 100A - 160A	CSSDFZX1	1070
2 NO + 2 NC CSSDF 100A - 160A	☒CSSDFZX16	1960
1 NO + 1 NC CSSDF 200A - 400A	CSSDFZX33	1290
2 NO + 2 NC CSSDF 200A - 400A	CSSDFZX34	2380
1 NO + 1 NC CSSDF 630A - 800A	CSSDFZX35	1290
2 NO + 2 NC CSSDF 630A - 800A	☒CSSDFZX36	1960

Handle Mounting Kit (for independent mounting of O/E Switches) **[HSN Code: 8538]**

CSSDF 200A - 400A	HMK-1-2	2730
CSSDF 630A - 800A	HMK-3-2	2880

Extended Terminals **[HSN Code: 8538]**

32A-63A	TPN	ET-323	700	4P	ET-324	850
100A-160A	TPN	ET-327	1760	4P	ET-328	2510
200A-400A	TPN	ET-329	5140	4P	ET-330	6260

☒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	2670	⊠E-CSSD25D3	5820
			4	⊠CSSD25D4	3530	E-CSSD25D4	6340
	Frame 1	40	3	CSSD40D3	2860	E-CSSD40D3	6700
			4	CSSD40D4	5540	⊠E-CSSD40D4	7320
	Frame 2	63	3	CSSD63K3	3800	⊠E-CSSD63K3	7990
	Frame 3		4	CSSD63D4	6060	⊠E-CSSD63D4	9590
	Frame 3	125	3	CSSD125D3	8510	E-CSSD125D3	13400
	Frame 3		4	CSSD125D4	10350	⊠E-CSSD125D4	14870
NM-Series	Frame 1	125	3	CSSD125NM3	9990	E-CSSD125NM3	14750
			4	CSSD125NM4	12310	E-CSSD125NM4	18220
	Frame 1	160	3	⊠CSSD160NM3	11130	E-CSSD160NM3	16470
			4	⊠CSSD160NM4	13240	E-CSSD160NM4	19640
	Frame 1	200	3	⊠CSSD200NM3	14220	E-CSSD200NM3	18470
			4	CSSD200NM4	18440	E-CSSD200NM4	23970
	Frame 1	250	3	CSSD250NM3	14390	E-CSSD250NM3	21290
			4	CSSD250NM4	19940	⊠E-CSSD250NM4	29560
	Frame 2	315	3	CSSD315NM3	18740	E-CSSD315NM3	POR
			4	CSSD315NM4	20230	E-CSSD315NM4	POR
	Frame 2	400	3	CSSD400NM3	22460	E-CSSD400NM3	POR
			4	CSSD400NM4	27260	E-CSSD400NM4	POR

NOTE:

1. Rotary Handle with door defeat Mechanism handle is available only for 25~125A (D&K Type).
2. Pistol Handle is available for complete range.
3. Switch 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	11190	E-CSSD125DM3	15110
			4	CSSD125DM4	13860	☒E-CSSD125DM4	18710
	Frame 5	160	3	CSSD160DM3	12800	E-CSSD160DM3	16920
			4	CSSD160DM4	14810	E-CSSD160DM4	20340
	Frame 5	200	3	CSSD200DM3	15870	E-CSSD200DM3	21590
			4	CSSD200DM4	23580	E-CSSD200DM4	28070
	Frame 5	250	3	CSSD250DM3	19350	E-CSSD250DM3	25510
			4	CSSD250DM4	23930	E-CSSD250DM4	29830
	Frame 5	315	3	CSSD315DM3	22460	E-CSSD315DM3	27910
			4	CSSD315DM4	27310	E-CSSD315DM4	32440
	Frame 5	400	3	CSSD400DM3	27230	E-CSSD400DM3	33080
			4	CSSD400DM4	31760	E-CSSD400DM4	39180
K-Series	Frame 6	630	3	CSSD630K3	40350	E-CSSD630K3	47230
			4	CSSD630K4	47320	E-CSSD630K4	54880
	Frame 6	800	3	CSSD800K3	47630	E-CSSD800K3	55240
			4	CSSD800K4	52510	E-CSSD800K4	66460
P-Series	Frame 7 New	1000	3	CSSD1000SB3	48680	E-CSSD1000SB3	80030
			4	CSSD1000SB4	69400	E-CSSD1000SB4	105270
	Frame 7	1000	3	☒CSSD1000P3	54320	E-CSSD1000P3	89290
			4	☒CSSD1000P4	77430	E-CSSD1000P4	117460
	Frame 7	1250	3	☒CSSD1250P3	80480	E-CSSD1250P3	109440
			4	☒CSSD1250P4	106350	E-CSSD1250P4	143960
	Frame 7	1600	3	☒CSSD1600P3	100780	E-CSSD1600P3	137060
			4	☒CSSD1600P4	134370	E-CSSD1600P4	182740
	Frame 8	2000	3	CSSD2000P3	201660	E-CSSD2000P3	264640
			4	CSSD2000P4	229100	E-CSSD2000P4	295600
	Frame 8	2500	3	CSSD2500P3	225560	E-CSSD2500P3	293690
			4	CSSD2500P4	256320	E-CSSD2500P4	328100
	Frame 8	3150	3	CSSD3150P3	284640	E-CSSD3150P3	393840
			4	CSSD3150P4	323440	E-CSSD3150P4	457350

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					8420
CSSD 200A-3150A	CSSDZW - 5					
Castle Key Locks						
CSSD 25A-160A	CSSDZW - 15					7080
CSSD 200A-3150A	CSSDZW - 4					
Auxiliary Contacts	**Pole**	**Reference**				
1 NO + 1 NC CSSD 25A-40A	3P	⊠CSSDZX49				1100
2 NO + 2 NC CSSD 25A-40A	3P	⊠CSSDZX50				2080
1 NO + 1 NC CSSD 25A-40A	4P	CSSDZX87				1100
2 NO + 2 NC CSSD 25A-40A	4P	⊠CSSDZX88				2080
1 NO + 1 NC CSSD 63A (K Type)	3P	⊠CSSDZX79				1100
2 NO + 2 NC CSSD 63A (K Type)	3P	⊠CSSDZX80				2080
1 NO + 1 NC CSSD 63~125A (D Type)	3P	⊠CSSDZX52				1100
2 NO + 2 NC CSSD 63~125A (D Type)	3P	⊠CSSDZX53				2080
1 NO + 1 NC CSSD 63A-125A	4P	⊠CSSDZX55				1100
2 NO + 2 NC CSSD 63A-125A	4P	⊠CSSDZX56				2080
1 NO + 1 NC CSSD 125A-160A (DM)	3/4P	⊠CSSDZX1				2080
2 NO + 2 NC CSSD 125A-160A (DM)	3/4P	CSSDZX16				2080
1 NO + 1 NC CSSD 200A-400A (DM)	3/4P	CSSDZX37				2080
2 NO + 2 NC CSSD 200A-400A (DM)	3/4P	CSSDZX38				2080
1 NO + 1 NC CSSD 630A-800A	3/4P	⊠CSSDZX33				2080
2 NO + 2 NC CSSD 630A-800A	3/4P	⊠CSSDZX34				2080
1 NO + 1 NC CSSD 1000A-3150A	3/4P	CSSDZX35				2080
2 NO + 2 NC CSSD 1000A-3150A	3/4P	⊠CSSDZX36				2080
Handle Mounting Kit (for independent mounting of O/E Switches)						
CSSD 200A-400A (DM Type)	HMK-2					2740
CSSD 630A-800A	HMK-1-1					2770
CSSD 1000A-1600A	HMK-3-1					2960
Extended Terminals	**Pole**	**Reference**	**MRP (₹)**	**Pole**	**Reference**	**MRP (₹)**
125A	3P	ET-325	990	4P	ET-326	1070
100A-160A	3P	ET-327	1760	4P	ET-328	2510
200A-400A	3P	ET-329	5140	4P	ET-330	6260
Rotary Knob Handles						
CSSD 25A-125A (Moulded-Red/Yellow)	⊠CSSDZX108					680
CSSD 25A-125A (Moulded-Black)	CSSDZX111BL					
Switch Handles						
CSSD 400A-800A (K Type)	CSWH145S12					1940
CSSD 1000A-1600A (Moulded)	CSWH220S12					2480
CSSD 2500A-3150A (Metallic)	CSDA8					2920
CSSD 125A-160A (DM Type)	CSWH80S6					1120
CSSD 200A-400A (DM Type)	⊠CSWH80S8					
Switch Handle Shaft						
CSSD 25A-125A	⊠CSP5X70					770
CSSD 125A-160A (DM)	CAP6X165					500
CSSD 200A-400A (DM)	⊠CSP8X240					
CSSD 630A-1600A	CSP12X255					870
CSSD 2500A-3150A	CSP12X325					1060

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	9420
	Frame 1	100	4	CSCS100NM4CO	12510
	Frame 2	125	4	CSCS125NM4CO	18270
	Frame 2	160	4	CSCS160NM4CO	20090
	Frame 2	200	4	CSCS200NM4CO	24160
	Frame 2	250	4	CSCS250NM4CO	36260
DM-Series	Frame 2	315	4	CSCS315DM4CO	37790
	Frame 2	400	4	CSCS400DM4CO	55370
K-Series	Frame 3	630	4	CSCS630K4CO	64610
	Frame 3	800	4	CSCS800K4CO	91930
P-Series	Frame 4 New	1000	4	CSCS1000SB4CO	146370
	Frame 4	1000	4	⊠CSCS1000P4CO	163310
	Frame 4	1250	4	⊠CSCS1250P4CO	220780
	Frame 4	1600	4	⊠CSCS1600P4CO	279620
	Frame 5	2000	4	⊠CSCS2000P4CO	404060
	Frame 5	2500	4	⊠CSCS2500P4CO	535290
	Frame 5	3150	4	⊠CSCS3150P4CO	737730

In Sheet Steel Enclosure [HSN Code: 8536]

Size		Rating (Amps)	Pole	Reference	MRP (₹)
NM -Series	Frame 1	63	4	E-CSCS63NM4CO	13240
	Frame 1	100	4	E-CSCS100NM4CO	16670
	Frame 2	125	4	E-CSCS125NM4CO	24310
	Frame 2	160	4	E-CSCS160NM4CO	26460
	Frame 2	200	4	E-CSCS200NM4CO	30610
	Frame 2	250	4	E-CSCS250NM4CO	46300
DM-Series	Frame 2	315	4	E-CSCS315DM4CO	47830
	Frame 2	400	4	E-CSCS400DM4CO	70430
K-Series	Frame 3	630	4	E-CSCS630K4CO	81090
	Frame 3	800	4	E-CSCS800K4CO	120950
P-Series	Frame 4	1000	4	E-CSCS1000SB4CO	188850
	Frame 4	1000	4	⊠E-CSCS1000P4CO	210720
	Frame 4	1250	4	⊠E-CSCS1250P4CO	273410
	Frame 4	1600	4	⊠E-CSCS1600P4CO	355580
	Frame 5	2000	4	⊠E-CSCS2000P4CO	501910
	Frame 5	2500	4	⊠E-CSCS2500P4CO	642240
	Frame 5	3150	4	⊠E-CSCS3150P4CO	870520

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	950
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	25330
	80	4	CSBS80DM4	30930
	100	4	CSBS100DM4	32260
	125	4	CSBS125DM4	35500
	160	4	CSBS160DM4	41970
Frame 2	200	4	CSBS200DM4	42890
	250	4	CSBS250DM4	65290
	315	4	CSBS315DM4	67760
	400	4	CSBS400DM4	95700
Frame 3	630	4	CSBS630K4	114500
	800	4	⊠CSBS800K4	143620
Frame 4	1000	4	⊠CSBS1000P4	267850
	1250	4	⊠CSBS1250P4	367860
	1600	4	⊠CSBS1600P4	493580

In Sheet Steel Enclosure **[HSN Code: 8536]**

Size	Rating (Amps)	Pole	Reference	MRP (₹)
Frame 1	63	4	⊠E-CSBS63DM4	36060
	80	4	E-CSBS80DM4	38610
	100	4	⊠E-CSBS100DM4	39620
	125	4	⊠E-CSBS125DM4	45140
	160	4	⊠E-CSBS160DM4	48720
Frame 2	200	4	⊠E-CSBS200DM4	55100
	250	4	⊠E-CSBS250DM4	79200
	315	4	E-CSBS315DM4	84730
	400	4	E-CSBS400K4	118560
Frame 3	630	4	E-CSBS630K4	135550
	800	4	⊠E-CSBS800K4	200810
Frame 4	1000	4	⊠E-CSBS1000P4	330760
	1250	4	⊠E-CSBS1250P4	446550
	1600	4	⊠E-CSBS1600P4	600850

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

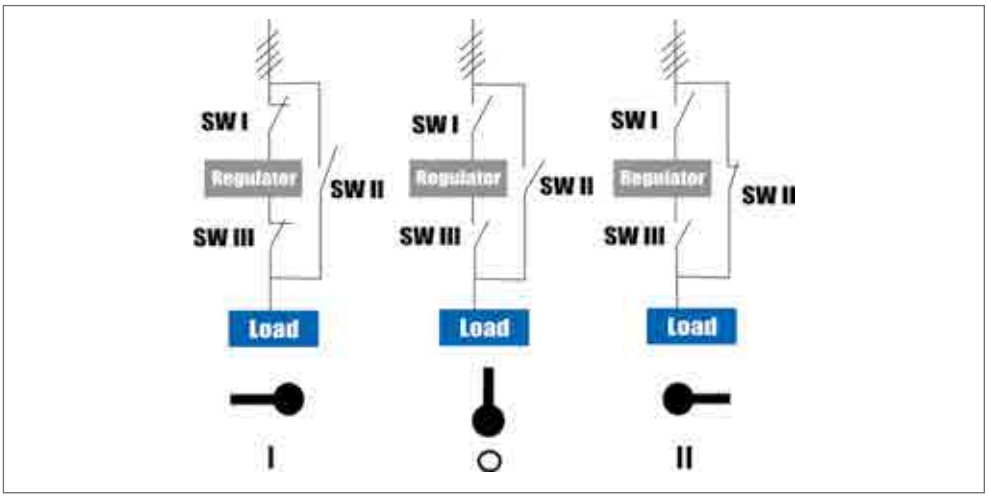
Auxiliary Contacts **[HSN Code: 8538]**

Contacts Configuration	For Switch Type	Qty./Switch	Reference	MRP (₹)
1 NO + 1 NC	CSCS/CSBS 63A-160A Upper CSCF 125A-160A	1	⊠CSCSZX1-U	1050
1 NO + 1 NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	⊠CSCSZX1-L	1050
2 NO + 2 NC	CSCS/CSBS 63A-160A Upper CSCF 125A-160A	1	⊠CSCSZX3-U	2040
2 NO + 2 NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	CSCSZX3-L	2040
1 NO + 1 NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSZX2	2090
2NO + 2 NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSZX4	4050

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 chassis complete with Mechanical Interlock and Handle Assembly having Door Interlock and Padlocking arrangements.

CSSD in Open Execution, 4 Pole **[HSN Code: 8536]**

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

NOTE:

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.

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C&S electric

RoHS Compliant

ATS
Automatic / Motorized Transfer Switch

Key Features:

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

Applications:

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

Automatic Transfer Switch

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

New

Automatic Transfer Switch **[HSN Code: 8536]**

Size	Rating	Pole	Reference	MRP (₹)
Frame-1	40A	4	CATS1F40A■	70800
	63A	4	CATS1F63A■	72450
Frame-2	100A	4	CATS2F100A■	75850
	125A	4	CATS2F125A■	80870
Frame-3	160A	4	CATS3F160A■	86750
Frame-4	200A	4	CATS4F200A■	115710
	250A	4	CATS4F250A■	123900
Frame-5	315A	4	CATS5F315A■	146100
	400A	4	CATS5F400A■	147860
	630A	4	CATS5F630A■	192500
Frame-6	800A	4	CATS6F800A■	360490
	1000A	4	CATS6F1000A■	374880
	1250A	4	CATS6F1250A■	391400
	1600A	4	CATS6F1600A■	515000
Frame-7	2000A	4	CATS7F2000A■	762210
	2500A	4	CATS7F2500A■	988800
	3200A	4	CATS7F3200A■	1223640

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 - Remotely operated **[HSN Code: 8536]**

Size	Rating	Pole	Reference	MRP (₹)
Frame-1	40A	4	CMTS1F40A	42490
	63A	4	CMTS1F63A	43470
Frame-2	100A	4	CMTS2F100A	45510
	125A	4	CMTS2F125A	64690
Frame-3	160A	4	CMTS3F160A	69390
Frame-4	200A	4	CMTS4F200A	92580
	250A	4	CMTS4F250A	99110
Frame-5	315A	4	CMTS5F315A	138790
	400A	4	CMTS5F400A	140460
	630A	4	CMTS5F630A	182880
Frame-6	800A	4	CMTS6F800A	293550
	1000A	4	CMTS6F1000A	294610
	1250A	4	CMTS6F1250A	326820
	1600A	4	CMTS6F1600A	410960
Frame-7	2000A	4	CMTS7F2000A	645820
	2500A	4	CMTS7F2500A	841500
	3200A	4	CMTS7F3200A	1037210

DC FUSE

Key Features

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

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

HRC Fuse Link, Fuse Base & Fuse Holder

Range: 2A~800A

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

DIN Type HRC Fuse Link **[HSN Code: 8536]**

IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
00	6, 10, 16, 20, 25, 32, 35	CDFL00*	500	3
	40, 50, 63	CDFL00*	500	
	80, 100	CDFL00*	510	
	125, 160	CDFL00*	520	
1	32, 35, 50, 63	CDFL01*	870	
	80, 100, 125	CDFL01*	950	
	160	CDFL01*	950	
	200	CDFL1*	970	
	250	CDFL1*	1060	
2	100, 125	CDFL02*	1360	
	160, 200	CDFL02*	1390	
	250	CDFL02*	1390	
	315	CDFL2*	1460	
	400	CDFL2*	1530	
3	315, 400	CDFL03*	1950	
	500	CDFL3*	2340	
	630	CDFL3*	2340	

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

Fuse Bases for DIN Type Fuse Link (ISI Mark) **[HSN Code: 8536]**

IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
00	160	CSDFB00	590	3
1	250	CSDFB1	1070	
2	400	CSDFB2	1580	
3	630	CDFB3	2590	

Solid Link **[HSN Code: 8536]**

IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
00	160	CDSL00	730	3
1	250	CDSL1	970	
2	400	⊠CDSL2	1330	
3	630	⊠CDSL3	1630	

Bolted Type HRC Fuse Link

Off Set TAG Type **[HSN Code: 8536]**

IS/IEC Size	Rating (Amps)	Reference	MRP (₹)	Std. Pkg. (Nos)
A1	2, 4, 6, 8, 10, 12 & 16	CNITE* New	110	20
	20, 25, & 32	CNITE* New		
A2	4, 6,10,16, 20, 25 & 32	CTIAE* New	180	20
A3	32, 40, 50 & 63	CTISE* New	230	10
A4	50, 63, 80, 100, 125	CTCP*	470	6
-	125, 160, 200	CTFP*	680	6

New **CNS (Off Set) clip in Type** **[HSN Code: 8536]**

IS/IEC Size	In A	Reference	MRP (₹)	Std. Pkg. (Nos)
F1	2, 4, 6, 8,10,12,16	CNSE*	110	20
F1	20, 25, 32	CNSE*	110	20

⊠non stockable items

Bolted Type HRC Fuse Link

Central TAG (2 hole fixing) Type				[HSN Code: 8536]
IS/IEC Size	**In A**	**Reference**	**MRP (₹)**	**Std. Pkg. (Nos)**
B1	80, 100	CTC*	510	6
B1	125	CTC*	510	
B2	125, 160, 200	CTF*	740	6
B3	250, 300, 315	CTKF*	1070	1
B4	355, 400	CTMF*	2070	

☒non stockable items.

HRC Fuse Link, Fuse Base & Fuse Holder

Central TAG (4 Hole Fixing) Type				[HSN Code: 8536]
IS/IEC Size	**In A**	**Reference**	**MRP (₹)**	**Std. Pkg. (Nos)**
C1	355, 400	☒CTM*	1980	1
C2	450, 500	☒CTTM*	3270	
C2	630	CTTM*	4220	
C3	670, 710, 750, 800	☒CTLM*	4500	

Cylindrical HRC Fuse Link				[HSN Code: 8536]
IS/IEC Size	**In A**	**Reference**	**MRP (₹)**	**Std. Pkg. (Nos)**
(14*51)	2, 4, 6, 8 & 10	CHFE* New	220	20
(14*51)	16, 20 & 25	CHFE* New	220	
(14*51)	32 & 40	CHFE* New	230	
(14*51)	50	CHFE* New	430	
(14*51)	63	CHFE* New	450	
(10*38)	2, 4, 6, 8,10 & 16	CGF*	100	20
(10*38)	20 & 25	CGF*	110	
(10*38)	32	CGF*	110	

HRC Fuse Holder for Bolted Type Fuse Link							[HSN Code: 8536]
IS/IEC Size	**In A**	**Reference**	**MRP (₹)**	**Std. Pkg. (Nos)**	**Reference**	**MRP (₹)**	**Std. Pkg. (Nos)**
F1	20	CNS20H	260	10	-	-	-
F1	32	CNS32H	300	10	-	-	-
A2	32	CSM32H	530	5	-	-	-
A3	63	CSM63H	630	5	-	-	-
A4	100	-	-	-	CSM100H*	1830	3
A4	100	-	-	-	CSM100B*	2050	3

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

Fuse Holder for Cylindrical HRC Fuse Link				[HSN Code: 8536]
IS/IEC Size	**In A**	**Reference**	**MRP (₹)**	**Std. Pkg. (Nos)**
14 x 51	32	CHO32R	290	10
14 x 51	63	CHC63R	350	

Fuse Puller (for DIN type Fuse Link 6~630Amp)		[HSN Code: 8536]
Reference	**MRP (₹)**	**Std. Pkg. (Nos)**
CDFH003	520	1

LIGHTING TRUNKING

LB Series

Features:

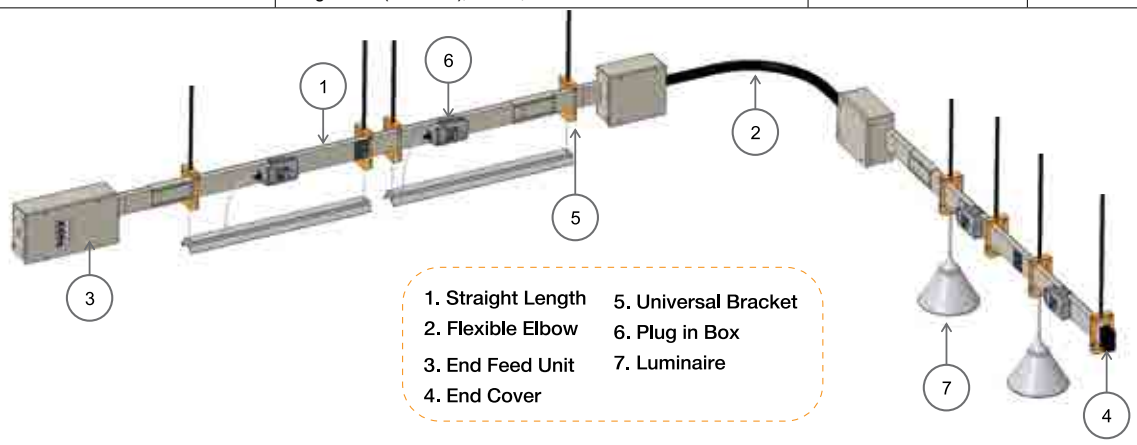
- LB Lighting trunking is used in all kinds of applications:
  - Lighting - Sensors
  - Dimmers - Emergency signalling / alarms
  - Power socket circuits
- Low weight & rigid housing
- High temperature resistance, flame retardant insulation
- Standard design of straight length with Plug in Point & accessories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

Lighting Trunking - LB Series

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

[HSN Code: 8538]

Type	Description	Reference	UOM	MRP (₹)
Straight length	Straight length 1 meter with 1 PIP 2 Pole, 25A.	LBC252BG5S1P1	NOS	2670
	Straight length 1 meter with 1 PIP 4 Pole, 25A.	LBC254BG5S1P1	NOS	3540
	Straight length 1 meter with 1+1 PIP 4+2 Pole, 25A.	LBC256BG5S2P1	NOS	5940
	Straight length 1 meter with 1+1 PIP 4+4 Pole, 25A.	LBC258BG5S2P1	NOS	7070
	Straight length 1 meter with 1 PIP 2 Pole, 40A.	LBC402BG5S1P1	NOS	3130
	Straight length 1 meter with 1 PIP 4 Pole, 40A.	LBC404BG5S1P1	NOS	4260
	Straight length 1 meter with 1+1 PIP 4+2 Pole, 40A.	LBC406BG5S2P1	NOS	6940
	Straight length 1 meter with 1+1 PIP 4+4 Pole, 40A.	LBC408BG5S2P1	NOS	8520
	Straight length 3 meter with 3 PIP 2 Pole, 25A.	LBC252BG5S1P3	NOS	6890
	Straight length 3 meter with 3 PIP 4 Pole, 25A.	LBC254BG5S1P3	NOS	9340
	Straight length 3 meter with 3+3 PIP 4+2 Pole, 25A.	LBC256BG5S2P3	NOS	15690
	Straight length 3 meter with 3+3 PIP 4+4 Pole, 25A.	LBC258BG5S2P3	NOS	18680
	Straight length 3 meter with 3 PIP 2 Pole, 40A.	LBC402BG5S1P3	NOS	8570
	Straight length 3 meter with 3 PIP 4 Pole, 40A.	LBC404BG5S1P3	NOS	11420
	Straight length 3 meter with 3+3 PIP 4+2 Pole, 40A.	LBC406BG5S2P3	NOS	18900
	Straight length 3 meter with 3+3 PIP 4+4 Pole, 40A.	LBC408BG5S2P3	NOS	22850
Flexible Elbow	Flexible Elbow 1 meter, 2/4 Pole, 25/40A	LBC404BG5FXE1	NOS	12690
	Flexible Elbow 1 meter, 4+2/4+4 Pole, 25/40A	LBC408BG5FXE1	NOS	18130
	Flexible Elbow 3 meter, 2/4 Pole, 25/40A	LBC404BG5FXE3	NOS	20400
	Flexible Elbow 3 meter, 4+2/4+4 Pole, 25/40A	LBC408BG5FXE3	NOS	33550
End Feed Unit	End Feed Unit LHS (Direct), 2/4 Pole, 25/40A.	LBC404BG5EFDL	NOS	5440
	End Feed Unit LHS (Direct), 4+2/4+4 Pole, 25/40A.	LBC408BG5EFDL	NOS	7250
	End Feed Unit LHS (with MCB Provision), 2/4 Pole, 25/40A.	LBC404BG5EFSL	NOS	6800
	End Feed Unit LHS (with MCB Provision), 4+2/4+4 Pole, 25/40A.	LBC408BG5EFSL	NOS	9070
Center Feed unit	Center Feed Unit (Direct), 2/4 Pole, 25/40A.	LBC404BG5CFDS	NOS	12060
	Center Feed Unit (Direct), 4+2/4+4 Pole, 25/40A.	LBC408BG5CFDS	NOS	16140
	Center Feed Unit (with MCB Provision), 2/4 Pole, 25/40A.	LBC404BG5CFSS	NOS	13870
	Center Feed Unit (with MCB Provision), 4+2/4+4 Pole, 25/40A.	LBC408BG5CFSS	NOS	18410
End Cover	End Cover 2/4 Pole, RHS.	LBEC1R	NOS	250
	End Cover 2/4 Pole, LHS.	LBEC1L	NOS	270
	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	500
Plug in Box	Plug in Box (Direct), 2 Pole, 16A	LB12BP5D16	NOS	1040
	Plug in Box (Direct), 4 Pole, 16A	LB14BP5D16	NOS	1380
	Plug in Box (with fuse), 2 Pole, 6A	LB12BP5F06	NOS	1130
	Plug in Box (with fuse), 4 Pole, 6A	LB14BP5F06	NOS	1630
	Plug in Box (with fuse), 2 Pole, 16A	LB12BP5F16	NOS	1130
	Plug in Box (with fuse), 4 Pole, 16A	LB14BP5F16	NOS	1630



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C&S electric

Power Control Components

MPCBs ■ Power Contactors ■ Mini Contactors

Overload Relays ■ Industrial Plugs & Sockets

Control & Signalling Devices ■ Motor Starters

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C&S electric

Motor Protection Circuit Breaker

exceeD

TOGGLE TYPE / ROTARY TYPE

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

For Toggle type MPCB pls contact to nearest Branch Office

exceeD

Motor Protection Circuit Breaker

exceeD Motor Protection Circuit Breaker - Rotary Type

[HSN Code: 8536]

Frame	Power Rating 3Ph Motors AC3-duty, 415V,50Hz	Rated Operational Current Ie(A)	Breaking Capacity (kA) 415V, 50Hz	Reference (With Short Circuit Protection)	MRP (₹)	Adjustable range (Amp)	Reference (With Overload & Short Circuit Protection)	MRP (₹)
32AF	0.02	0.16	100kA	TCMS-32HIR-0.16	4550	0.1~0.16	TCMS-32HR-0.16	5210
	0.06	0.25		TCMS-32HIR-0.25	4550	0.16~0.25	TCMS-32HR-0.25	5210
	0.09	0.4		TCMS-32HIR-0.4	4550	0.25~0.4	TCMS-32HR-0.4	5210
	0.12	0.63		TCMS-32HIR-0.63	4550	0.4~0.63	TCMS-32HR-0.63	5210
	0.25	1		TCMS-32HIR-1	4550	0.63~1	TCMS-32HR-1	5210
	0.55	1.6		TCMS-32HIR-1.6	5240	1~1.6	TCMS-32HR-1.6	5980
	0.75	2.5		TCMS-32HIR-2.5	5240	1.6~2.5	TCMS-32HR-2.5	5980
	1.5	4		TCMS-32HIR-4	5240	2.5~4	TCMS-32HR-4	5980
	2.2	6.3		TCMS-32HIR-6.3A	5240	4~6.3	TCMS-32HR-6.3	5980
	4	10		TCMS-32HIR-10A	5240	6.3~10	TCMS-32HR-10	5980
	9	16	50kA	TCMS-32HIR-16A	5480	10~16	TCMS-32HR-16	7560
	9	20		TCMS-32HIR-20A	5930	16~20	TCMS-32HR-20	7560
	12.5	25		TCMS-32HIR-25A	5930	20~25	TCMS-32HR-25	8020
	15	32		TCMS-32HIR-32A	8180	25~32	TCMS-32HR-32	14670
63AF	7.5	16		TCMS-63HIR-16	11740	11-16	TCMS-63HR-16	13430
	7.5	20		TCMS-63HIR-20	11740	14-20	TCMS-63HR-20	13430
	11	25		TCMS-63HIR-25	11740	18-25	TCMS-63HR-25	13430
	15	32		TCMS-63HIR-32	20310	22-32	TCMS-63HR-32	23020
	18	40		TCMS-63HIR-40	20310	28-40	TCMS-63HR-40	23020
	18	45		TCMS-63HIR-45	20310	36-45	TCMS-63HR-45	23020
	22	50		TCMS-63HIR-50	21530	40-50	TCMS-63HR-50	24440
	30	63		TCMS-63HIR-63	21530	45-63	TCMS-63HR-63	24440

ACCESSORIES

[HSN Code: 8538]

Description	Configuration	Reference	MRP (₹)
Front Mounted Auxiliary contacts	1NO+1NC	TFXR11	1020
Left Side Mounted Auxiliary contacts	2NC	TLXR02	1450
Left Side Mounted Auxiliary contacts	1NO+1NC	TLXR11	1450
Left Side Mounted Auxiliary contacts	2NO	TLXR20	1450
Left Side Mtd Trip ind Aux con (1NC/1NO for OL and 1NO/1NC for SC) for 32AF	1NO+1NC	TLAR3211	2530
Left Side Mtd Trip ind Aux con (1NC/1NO for OL and 1NO/1NC for SC) for 63AF	1NO+1NC	TLAR6311	2640
MPCB Enclosure Frame 32AF (Without Accessories)	For TCMS-32HIR / 32HR	EPH32HRBG	3820
MPCB Enclosure Frame 32AF (With Accessories)	For TCMS-32HIR / 32HR	EPH32HAXRBG	4200
Extended RotaryHandle -32AF-IP65	For TCMS-32HIR / 32HR	MEH32HR-GB	1840
Extended Rotary Handle -63AF-IP65	For TCMS-63HIR / 63HR	MEH63HR-GB	1940
Shunt Release 32AF / 63AF (Right Side Mounting)	20 ~ 24V 50/60Hz	TRSR20~24V 50/60Hz	2530
	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	2530
	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	

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C&S electric

The efficient solution for High Switching in Motor Circuits

robusTa

Contactor 9A~800A

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

robusTa2 Contactor

Global Certification

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

Contactor [HSN Code: 8536]

AC1 Duty (A)	AC3 415V Long life			Auxilary Contacts	Reference	MRP (₹)	MOQ
	kW	HP	A				
25	2.2	3	7	1 NO+1NC	TC1D0711■	2240	1
25	4	5.5	9	1 NO+1NC	TC1D0911■	2470	
25	5.5	7.5	12	1 NO+1NC	TC1D1211■	2630	
32	9	12	18	1 NO+1NC	TC1D1811■	3150	
40	11	15	25	1 NO+1NC	TC1D2511■	4000	
50	15	20	32	1 NO+1NC	TC1D3211■	8480	
50	18.5	25	38	1 NO+1NC	TC1D3811■	11760	

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

For Contactor	Reference	MRP (₹)	MOQ
TC1D0711	TA5D0711	1580	1
TC1D0911	TA5D0911	1580	
TC1D1211	TA5D1211	1580	
TC1D1811	TA5D1811	1830	
TC1D2511	TA5D2511	2350	
TC1D3211	TA5D3211	4480	
TC1D3811	TA5D3811	6610	

Coil Surge Suppressor [HSN Code: 8538]

Description	Voltage Ratings	Reference	MRP (₹)	MOQ
Varistor (AC/DC) Clip on mounting	12~55V 50/60Hz	TAD4VE	980	10
	56~136V 50/60Hz	TAD4VF	980	
	137~277V 50/60Hz	TAD4VU	980	
	278~575V 50/60Hz	TAD4VN	980	

Mechanical Interlocks-Horizontal Mounted

Use of Contactor	Reference	MRP (₹)	MOQ
TC1D07~TC1D38	LA9-D09978	880	10

Spare AC Coils for Contactor [HSN Code: 8538]

Use for Contactor	Reference	MRP (₹)	MOQ
TC1D07	TX1-D3■	990	1
TC1D09		990	
TC1D12		990	
TC1D18		990	
TC1D25		990	
TC1D32		990	
TC1D38		990	

robusTa2 Contactor Coils

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

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

Thermal Overload Relay [HSN Code: 8536]

Relay setting range (A)	Standard power ratings of 3-Phase Motors 50/60Hz, AC3 Category		Reference	Suitable for Contactor Rating (Amps)	MRP (₹)	Independent Mounting Kit
	HP	kW				
23-32	20	15	TR2DM32353	32	4300	TA7D3264 MRP ₹540
30-38	30	22	TR2DM38355	38		

NOTE: robusTa 2 Thermal Overload Relay reference TR2DM32353 ~TR2DM38355 can be mounted directly on robusTa2 Contactor without any additional fixing attachment.

How to order:

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

Exceed M-range Contactor

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

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

New

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■	2120	10	TCA3ME22■	2830	10
	3NO+1NC	TCA2ME31■			TCA3ME31■		
	1NO + 3NC	TCA2ME13■			TCA3ME13■		
	4NO	TCA2ME40■			TCA3ME40■		
	4NC	TCA2ME04■			TCA3ME04■		

Power Contactors - 3 Pole **[HSN Code: 8536]**

AC1 Duty A	AC3 415V Long Life			Auxiliary Contacts		With AC Coil			Auxiliary Contacts		With DC Coil		
	kW	HP	A			Reference	MRP (₹)	MOQ			Reference	MRP (₹)	MOQ
18	2.2	3	7	1NO	-	TC1ME0710■	1780	10	1NO	-	TP1ME0710■	2670	10
				-	1NC	TC1ME0701■			-	1NC	TP1ME0701■		
20	4	5.5	9	1NO	-	TC1ME0910■	1940		1NO	-	TP1ME0910■	2780	
				-	1NC	TC1ME0901■			-	1NC	TP1ME0901■		
22	5.5	7.5	12	1NO	-	TC1ME1210■	2060		1NO	-	TP1ME1210■	3050	
				-	1NC	TC1ME1201■			-	1NC	TP1ME1201■		
22	7.5	10	16	1NO	-	TC1ME1610■	2440		1NO	-	TP1ME1610■	3360	
				-	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	2460	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	2680	
10 ~ 15A	TR2ME15A		
11 ~ 17A	TR2ME17A		

Exceed M-range Contactor

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

ACCESSORIES **[HSN Code: 8538]**

Add-On-Block

Contact Configuration		Reference	MRP (₹)	MOQ
Front Mounted	2 NO	TA1FME20	610	10
	1 NO+1 NC	TA1FME11		
	2 NC	TA1FME02		
	4 NO	TA1FME40	970	
	3 NO+1 NC	TA1FME31		
	2 NO+2 NC	TA1FME22		
	1 NO+3 NC	TA1FME13		
	4 NC	TA1FME04		

Mechanical Interlocks - Front Mounted **[HSN Code: 8538]**

Use For Contactor		Reference	MRP (₹)	MOQ
AC	DC			
TC1ME07	TP1ME07	TA978MIME	800	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	860	10
	50-127V AC/60-180V DC	TA980MESVG		
	130-275V AC/ 80-300V DC	TA980MESVU		
	277-380V AC/300-510V DC	TA980MESVQ		
	400-510V AC	TA980MESVS		

ExceeD Contactor

Global Certification | RoHS Compliant

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

ExceeD 3 Pole Power Contactor rating 6A~95A **[HSN Code: 8536]**

Size	AC1 Duty A	AC3 415V Long Life			Auxiliary Contacts	With AC Coil		Auxiliary Contacts	With DC Coil		MOQ
		KW	HP	A		Reference	MRP (₹)		Reference	MRP (₹)	
Frame-1	25	2.2	3	6	1NO	TC1D0610E■	1660	-	-	-	1
					1NC	TC1D0601E■	1660	-	-	-	
		4	5.5	9	1NO	TC1D0910E■	1890	1NO	TP1D0910E■	2880	
					1NC	TC1D0901E■	1890	1NC	TP1D0901E■	2880	
		5.5	7.5	12	1NO	TC1D1210E■	2050	1NO	TP1D1210E■	3130	
					1NC	TC1D1201E■	2050	1NC	TP1D1201E■	3130	
	32	9	12.5	18	1NO	TC1D1810E■	2380	1NO	TP1D1810E■	3520	
					1NC	TC1D1801E■	2380	1NC	TP1D1801E■	3520	
Frame-2	40	11	15	25	1NO	TC1D2510E■	3290	1NO	TP1D2510E■	5110	
					1NC	TC1D2501E■	3290	1NC	TP1D2501E■	5110	
	50	15	20	32	1NO	TC1D3210E■	7000	1NO	TP1D3210E■	10430	
					1NC	TC1D3201E■	7000	1NC	TP1D3201E■	10430	
Frame-3	60	22	30	40	1NO+1NC	TC1D4011E■	9880	1NO+1NC	TP1D4011E■	15350	
	80	25	35	50	1NO+1NC	TC1D5011E■	11880	1NO+1NC	TP1D5011E■	16130	
		37	50	65	1NO+1NC	TC1D6511E■	16960	1NO+1NC	TP1D6511E■	22970	
	125	45	60	80	1NO+1NC	TC1D8011E■	21570	1NO+1NC	TP1D8011E■	29230	
		45	60	95	1NO+1NC	TC1D9511E■	25710	1NO+1NC	TP1D9511E■	34880	

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

AC1 Duty A	Main Pole Configuration		Reference	MRP (₹)	MOQ
25	4NO	--	TC1D12004E ■	2300	5
	2NO	2NC	TC1D12008E ■	2910	
32	4NO	--	TC1D18004E ■	2670	
40	4NO	--	TC1D25004E ■	3890	
	2NO	2NC	TC1D25008E ■	5750	
60	4NO	--	TC1D40004E ■	10490	
	2NO	2NC	TC1D40008E ■	16560	
80	4NO	--	TC1D50004E ■	13260	
	2NO	2NC	TC1D50008E ■	17870	
	4NO	--	TC1D65004E ■	17050	
	2NO	2NC	TC1D65008E ■	19650	
125	4NO	--	TC1D80004E ■	21850	
	2NO	2NC	TC1D80008E ■	26800	
	4NO	--	TC1D95004E ■	27230	
	2NO	2NC	TC1D95008E ■	29240	

Wide band Coil available in 50 Hz only
Note: Stock for accessories are subject to availability

■Non-Standard coil Extra MRP @ ₹240 per contactor

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

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

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

Contactor	Voltage				
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. 22A, 38A & 45A current ratings also available on request. (MOQ - 50 Nos.)
3. For add-on accessories and spare coil refer Page No. 68 & 69.
4. BIS ( ) available on selected ratings.

ExceeD Contactor

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

Exceed Contactor 3 Pole: Rating 115 A~ 630A **[HSN Code: 8536]**

AC1 Duty A	AC3 415V Long Life			With AC Coil		With DC Coil		MOQ
	kW	HP	A	Reference	MRP (₹)	Reference	MRP (₹)	
200	59	80	115	LC1FDP115AE ■	31470	LC1FDP115AE ■	37760	5
250	80	108	150	LC1FDP150AE ■	44670	LC1FDP150AE ■	53620	
275	100	136	185	LC1FDP185AE ■	51810	LC1FDP185AE ■	62190	
315	110	148	225	LC1FDP225AE ■	58580	LC1FDP225AE ■	70300	
350	140	190	265	LC1FDP265AE ■	69730	LC1FDP265AE ■	83670	
400	180	240	330	LC1FDP330AE ■	84830	LC1FDP330AE ■	101800	
500	220	300	400	LC1FDP400AE ■	99950	LC1FDP400AE ■	119950	
700	280	380	500	LC1FDP500AE ■	141480	LC1FDP500AE ■	169770	
1000	375	500	630	LC1FDP630AE ■	206920	LC1FDP630AE ■	248320	

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 ■	POR	LC1FDP1154AE■	POR	5
250	4 NO	LC1FDP1504AE ■		LC1FDP1504AE■		
275	4 NO	LC1FDP1854AE ■		LC1FDP1854AE■		
315	4 NO	LC1FDP2254AE ■		LC1FDP2254AE■		
350	4 NO	LC1FDP2654AE ■		LC1FDP2654AE■		
400	4 NO	LC1FDP3304AE ■		LC1FDP3304AE■		
500	4 NO	LC1FDP4004AE ■		LC1FDP4004AE ■		
700	4 NO	LC1FDPM5004AE ■		LC1FDPM5004AE ■		
1000	4 NO	LC1FDP6304AE ■		LC1FDP6304AE ■		

AC Coil Voltage Codes for Contactors 115A~780A

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

DC Coil Voltage Codes for Contactors 115A~780A

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

Not available for LCFDP630A

robusTa Power Contactors

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

Global Certification

Control Relays - 10 Amps [HSN Code: 8536]

Rated Current(Ie) AC15 at 240V (Amps)	Contact Configuration	With AC Coil		With DC Coil		
		Reference	MRP (₹)	Reference	MRP (₹)	MOQ
10	2NO + 2NC	TCA2DN22■	2300	TCA3DN22■	3580	10
	3NO + 1NC	TCA2DN31■		TCA3DN31■		
	4NO	TCA2DN40■		TCA3DN40■		

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

Size	AC1 Duty A	AC3 415V Long Life			Auxiliary Contacts		With AC Coil		Auxiliary Contacts		With DC Coil		MOQ
		kW	HP	A			Reference	MRP (₹)			Reference	MRP (₹)	
Frame 1	25	4	5.5	9	1NO	-	TC1D0910 ■	2140	1NO	-	TP1D0910 ■	3350	1
					-	1NC	TC1D0901 ■	2140	-	1NC	TP1D0901 ■	3350	
		5.5	7.5	12	1NO	-	TC1D1210 ■	2410	1NO	-	TP1D1210 ■	3720	
					-	1NC	TC1D1201 ■	2410	-	1NC	TP1D1201 ■	3720	
	32	9	12.5	18	1NO	-	TC1D1810 ■	2930	1NO	-	TP1D1810 ■	4240	
					-	1NC	TC1D1801 ■	2930	-	1NC	TP1D1801 ■	4240	
		11	15	22	1NO	-	TC1D2210 ■	3410	1NO	-	TP1D2210 ■	6020	
					-	1NC	TC1D2201 ■	3410	-	1NC	TP1D2201 ■	6020	
Frame 2	40	11	15	25	1NO	-	TC1D2510 ■	3740	1NO	-	TP1D2510 ■	6240	
					-	1NC	TC1D2501 ■	3740	-	1NC	TP1D2501 ■	6240	
	50	15	20	32	1NO	-	TC1D3210 ■	7680	1NO	-	TP1D3210 ■	12080	
					-	1NC	TC1D3201 ■	7680	-	1NC	TP1D3201 ■	12080	
		18.5	25	38	1NO	-	TC1D3810 ■	10760	1NO	-	TP1D3810 ■	13990	
					-	1NC	TC1D3801 ■	10760	-	1NC	TP1D3801 ■	13990	
		18.5	25	40	1NO	-	TC1D4010 ■	10970	-	-	-	-	
					-	1NC	TC1D4001 ■	10970	-	-	-	-	
Frame 3	60	22	30	40	1NO	1NC	TC1D4011 ■	11460	1NO	1NC	TP1D4011 ■	16870	
	80	22	30	45	1NO	1NC	TC1D4511 ■	13570	1NO	1NC	TP1D4511 ■	20110	
		25	35	50	1NO	1NC	TC1D5011 ■	14270	1NO	1NC	TP1D5011 ■	21320	
		37	50	65	1NO	1NC	TC1D6511 ■	19000	1NO	1NC	TP1D6511 ■	22830	
	100	37	50	70	1NO	1NC	TC1D7011 ■	19620	1NO	1NC	TP1D7011 ■	26550	
	125	45	60	80	1NO	1NC	TC1D8011 ■	23940	1NO	1NC	TP1D8011 ■	28540	
		45	60	95	1NO	1NC	TC1D9511 ■	28990	1NO	1NC	TP1D9511 ■	36500	

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

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

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

Contactor	Voltage				
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 @ ₹ 240 per contactor

BIS (§) is available on selective ratings.

robusTa Power Contactors

Global Certification

Conforming IEC60947-1 & IEC60947-4-1

Power Contactors 4 Pole : Rating AC1 25A ~ 125A **[HSN Code: 8536]**

AC1 Duty A	AC1 Duty A	Main Pole Configuration		With AC Coil		With DC Coil		MOQ
				Reference	MRP (₹)	Reference	MRP (₹)	
Frame 1	25	4NO	--	TC1D12004■	2680	TP1D12004■	5250	1
		2NO	2NC	☒TC1D12008■	3280	☒TP1D12008■	6600	
	32	4NO	--	☒TC1D18004■	3080	-	-	
Frame 2	40	4NO	--	TC1D25004■	4540	TP1D25004■	10120	
		2NO	2NC	☒TC1D25008■	6380	☒TP1D25008■	12670	
Frame 3	60	4NO	--	TC1D40004■	12080	TP1D40004■	18090	
		2NO	2NC	☒TC1D40008■	17880	☒TP1D40008■	26950	
	80	4NO	--	TC1D50004■	15090	-	-	
		2NO	2NC	☒TC1D50008■	20710	-	-	
		4NO	--	☒TC1D65004■	19580	TP1D65004■	28900	
		2NO	2NC	TC1D65008■	22800	☒TP1D65008■	35010	
	100	4NO	--	☒TC1D70004■	20280	☒TP1D70004■	33280	
	125	4NO	--	TC1D80004■	25320	TP1D80004■	36290	
		2NO	2NC	☒TC1D80008■	30820	☒TP1D80008■	40580	
		4NO	--	TC1D95004■	30620	TP1D95004■	38670	
		2NO	2NC	☒TC1D95008■	33610	☒TP1D95008■	41950	

Power Contactors 4 Pole 4NC : Rating 9A ~ 25A **[HSN Code: 8536]**

Size	AC1 Duty A	AC3 415 V Long Life			With AC Coil	MRP (₹)	MOQ
		KW	HP	A	Reference		
Frame 1	25	4	5.5	9	TC1D09006 ■	2890	10
		5.5	7.5	12	TC1D12006 ■	5360	
Frame 2	40	11	15	25	TC1D25006 ■	5960	

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

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

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

Contactor	Voltage				
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. 22A, 38A & 45A current ratings also available on request. (MOQ - 50 Nos.)
3. For add-on accessories and spare coil refer Page No. 68 & 69.

Wide band Coil available in 50 Hz only

Note: Stock for accessories are subject to availability

■ Non-Standard coil Extra MRP @ ₹ 240 per contactor

robusTa Power Contactors

Conforming IEC60947-1 & IEC60947-4-1

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

AC1 Duty A	AC3 415 V Long Life			Auxiliary contacts		With AC Coil		MOQ
	kW	HP	A			Reference	MRP (₹)	
200A	55	73	115	1NO	1NC	TC1D115116■*	34170	1
	55	73	115	1NO	1NC	TC1D11511■*	34480	
	55	73	120	1NO	1NC	TC1D120116■*	35190	
	55	73	120	1NO	1NC	TC1D12011■*	35660	
	75	101	150	1NO	1NC	TC1D150116■*	45950	
	75	101	150	1NO	1NC	TC1D15011■*	46670	
	75	101	160	1NO	1NC	TC1D160116■*	47650	
	75	101	160	1NO	1NC	TC1D16011■*	48100	

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

AC1 Duty A	Main Pole Configuration		With AC Coil		MOQ
			Reference	MRP (₹)	
200A	4NO	--	TC1D115004■*	37360	1
	4NO	--	TC1D1150046■*	36860	
	4NO	--	TC1D150004■*	48570	
	4NO	--	TC1D1500046■*	48340	

* Busbar connection * Cable connection

AC Coil Voltage

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

NOTE: 60Hz Coil is also available on request.

robusTa Power Contactors

Global Certification

Conforming IEC60947-1 & IEC60947-4-1

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

AC1 Duty A	AC3 Long Life			With AC Coil		With DC Coil		MOQ
	kW	HP	A	Reference	MRP (₹)	Reference	MRP (₹)	
200	59	80	115	LC1FDP115A ■	36620	LC1FDP115A ■	43060	1
250	80	108	150	LC1FDP150A ■	50810	LC1FDP150A ■	62550	
275	100	136	185	LC1FDP185A ■	59600	LC1FDP185A ■	76620	
275	105	140	200	LC1FDP200A ■	65160	LC1FDP200A ■	77220	
315	110	148	225	LC1FDP225A ■	67640	LC1FDP225A ■	84240	
350	140	190	265	LC1FDP265A ■	83000	LC1FDP265A ■	90380	
400	150	200	300	LC1FDP300A ■	90450	LC1FDP300A ■	106540	
400	180	240	330	LC1FDP330A ■	99570	LC1FDP330A ■	119490	
500	220	300	400	LC1FDP400A ■	115750	LC1FDP400A ■	143160	
600	240	320	460	LC1FDP460A ■	151850	-		
700	280	380	500	LC1FDP500A ■	159820	LC1FDP500A ■	173020	
800	355	430	580	LC1FDP580A ■	163410	-		
1000	375	500	630	LC1FDP630A ■	236700	LC1FDP630A ■	265580	
1600	425	580	780	☒ LC1FDP780A ■	POR	☒ LC1FDP780A ■	POR	
1000	450	610	800	☒ LC1FDP800A ■	442410	☒ LC1FDP800A ■*	454360	

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

Hoisting Power Contactors with dust cover 3 Pole: Rating 115A ~ 630A [HSN Code: 8536]

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

Power Contactors with dust cover 4 Pole : Rating AC1 200A ~ 1600A [HSN Code: 8536]

AC1 Duty A	Main Pole Configuration	With AC Coil		With DC Coil		MOQ
		Reference	MRP (₹)	Reference	MRP (₹)	
200	4 NO	LC1FDP1154■	44100	LC1FDP1154■	59180	1
250	4 NO	LC1FDP1504n	55440	LC1FDP1504■	79210	
275	4 NO	LC1FDP1854■	83440	LC1FDP1854■	105930	
315	4 NO	LC1FDP2254■	85310	LC1FDP2254■	104440	
350	4 NO	☒LC1FDP2654■	92390	☒LC1FDP2654■	115860	
400	4 NO	☒LC1FDP3304■	107370	☒LC1FDP3304■	139590	
500	4 NO	☒LC1FDP4004■	139870	☒LC1FDP4004■	167250	
700	4 NO	☒LC1FDPM5004■	169440	☒LC1FDPM5004■	201590	
1000	4 NO	☒LC1FDP6304■	326920	☒LC1FDP6304■	337600	
1600	4 NO	☒LC1FDP7804■	POR	☒LC1FDP7804■	POR	

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 & 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

♦ Not Available for LC1FDP780

■ Non-Standard coil available on request, Extra MRP@ ₹ 1170 each per Contactor rating 115-780A

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

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

Capacitor Duty Contactors 3 Pole, AC

Global Certification

Conforming IEC60947-1 & IEC60947-4-1

Contactors **[HSN Code: 8536]**

Size	kVAR Rating	Auxiliary Contacts	Reference	MRP (₹)	MOQ
Frame 1	2	1NO	TC1D02K10 ■	POR	1
		1NC	TC1D02K01 ■		
	5	1NO	TC1D05K10 ■		
		1NC	TC1D05K01 ■		
	7	1NO+1NC	☒TC1D07K11 ■	4330	
		2NC	TC1D07K02 ■	4330	
	10	1NO+1NC	☒TC1D10K11 ■	4700	
		2NC	TC1D10K02 ■	4700	
	12.5	1NO+1NC	☒TC1D12K11 ■	5060	
		2NC	TC1D12K02 ■	5060	
	16.7	1NO+1NC	☒TC1D16K11 ■	7140	
		2NC	TC1D16K02 ■	7140	
Frame 2	20	1NO+1NC	☒TC1D20K11 ■	8080	
		2NC	TC1D20K02 ■	8080	
	25	1NO+1NC	☒TC1D25K11 ■	8990	
		2NC	TC1D25K02 ■	8990	
Frame 3	33.3	1NO+2NC	☒TC1D33K12 ■	16150	
	40	1NO+2NC	☒TC1D40K12 ■	24130	
	50	1 NO+2NC	☒TC1D50K12 ■	24860	
	60	1NO+2NC	☒TC1D60K12 ■	28480	
	75	1NO+2NC	☒TC1D75K12 ■	33050	
	80	1NO+2NC	☒TC1D80K12 ■	35440	
	100	1NO+2NC	☒TC1D100K12 ■	36320	

AC Coil Voltage robusTa Capacitor Duty Contactors

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

* Available upto 25kVAR only.

How to order:

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

robusTa Overload Relay

Global Certification

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

Thermal Overload Relays Direct Mounting Trip class 10

[HSN Code: 8536]

Relay Setting Range (Amps)	Standard Power Rating for 3 Ph. Motor at 415V		Reference	Suitable for Contactor Rating (Amps)	MRP (₹)	Independent Mounting Kit	MOQ
	HP	kW					
Direct Mounting							
0.10~0.16	*	*	⊠TR2D09301	9	2700	TA7-D0964 MRP ₹500 **[HSN Code: 8538]**	1
0.16~0.25	*	*	⊠TR2D09302		2700		
0.25~0.40	*	*	TR2D09303		2700		
0.40~0.63	*	*	TR2D09304		2700		
0.63~1.00	0.5	0.37	TR2D09305		2700		
1.0~1.60	0.75	0.55	TR2D09306		2700		
1.25~2.00	1	0.75	TR2D093X6		2700		
1.60~2.50	1.5	1.1	TR2D09307		2700		
2.50~4.00	2	1.5	TR2D09308		2700		
4.0~6.00	3	2.2	TR2D09310		2700		
5.50~8.00	5	3.7	TR2D09312		2700		
7.0~10.0	5.5	4	TR2D09314		2700		
9.0~13.0	7.5	5.5	TR2D12316	12	2700		
9.0~14.0	7.5	5.5	TR2D12316X	12	2700		
12.0~18.0	12	9	TR2D18321	18	3270		
14.0~22.0	12	9	TR2D18321X	18	3270		
17.0~25.0	15	11	TR2D25322	25	3270		
23.0~32.0	20	15	TR2D32353	32	4670	TA7-D3264 MRP₹ 640 **[HSN Code: 8538]**	
28.0~36.0	25	18	TR2D32355		4670		
23.0~32.0	20	15	TR2D40353	40	5070	TA7-D4064 MRP ₹2310 **[HSN Code: 8538]**	
30.0~40.0	30	22	TR2D40355		5070		
37.0~50.0	35	25	TR2D65357	50	6540		
48.0~65.0	40	30	TR2D65359	65	8400		
55.0~70.0	50	37	TR2D65361		8400		
63.0~80.0	60	45	TR2D80363	80	9270		
80.0~93.0	65	49	TR2D95365	95	9350		
Independent Mounting							
65~105	75	55	LR1F105	-	15050	-	1
80~125	80	59	LR1F125		15050		
100~160	110	80	LR1F160		15050		
125~200	135	100	LR1F200		15050		
160~250	175	129	LR1F250		15050		
200~315	220	160	⊠LR1F315		19290		
250~400	270	200	⊠LR1F400		19290		
315~500	350	257	⊠LR1F500		19290		
400~630	480	355	⊠LR1F630		19290		
500~800	580	425	⊠LR1F800		55240		
630~1000	680	500	⊠LR1F1000		55240		

Thermal Overload Relays Protective Shroud for LR1-F105~630

[HSN Code: 8538]

Relay Type	Reference	MRP (₹)	MOQ
LR1-F105	⊠LA9F702	3280	1
LR1-F125		3280	
LR1-F160		3280	
LR1-F200		3280	
LR1-F250	LA9F703	4330	
LR1-F315		4330	
LR1-F400		4330	
LR1-F500		4330	
LR1-F630	LA9F704	4670	
LR1-F800		4670	

Heavy Duty Overload Relays Independent Mounting Trip class 30

[HSN Code: 8536]

Relay Setting Range (Amps)	Reference	MRP (₹)	MOQ
2.5-4.0	TR6F4	21170	1
4.0-6.3	TR6F6.3	21170	
6.3-10	TR6F10	21170	
8.0-12.5	TR6F12.5	21170	
10-16	TR6F16	21170	
16-25	TR6F25	21170	
25-40	⊠TR6F40	21170	
40-63	⊠TR6F63	21170	
63-100	⊠TR6F100	21170	
100-160	⊠TR6F160	21170	
125-200	⊠TR6F200	21170	
160-250	⊠TR6F250	21170	
250-400	⊠TR6F400	21170	

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	TA1DN10*	320	10
	1 NC	TA1DN01*		
	2 NO	TA1DN20	670	20
	1 NO+1 NC	TA1DN11		
	2 NC	TA1DN02		
	4 NO	TA1DN40	990	20
	3 NO+1 NC	TA1DN31		
	2 NO+2 NC	TA1DN22		
	1 NO+3 NC	TA1DN13		
	4 NC	TA1DN04		
Side Mounted	1 NO+1 NC	TA8DN11**	990	10
	2 NO	TA8DN20**		

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

Mechanical Interlocks - Horizontal Mounted **[HSN Code: 8538]**

Contact Configuration		Reference	MRP (₹)	MOQ
AC	DC			
TC1D09	TP1D09	LA9-D09978	880	10
TC1D12	TP1D12			
TC1D18	TP1D18			
TC1D25	TP1D25			
TC1D32	TP1D32			
TC1D40	TP1D40	LA9-D50978	2160	10
TC1D50	TP1D50			
TC1D65	TP1D65			
TC1D70	TP1D70			
TC1D80	TP1D80	LA9-D80978	2830	10
TC1D95	TP1D95			

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

Description	Voltage Ratings	Reference	MRP (₹)	MOQ
Varistor (AC/DC) Clip-on mounting	24~48VAC/DC	TA9AMOV980E	880	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		

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

Description	Reference	MRP (₹)	MOQ
Coil Surge Suppressor for LC1FDP115~630A (3P/4P)	LA9F980(BR)*	3830	5

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

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

Contact Configuration		Reference		MRP (₹)	MOQ
ON delay	1 NO+1 NC	TA2DT0	0.1...3s	3310	10
ON delay	1 NO+1 NC	TA2DT2	0.1...30s		
ON delay	1 NO+1 NC	TA2DT4	10...180s		
OFF delay	1 NO+1 NC	TA3DR0	0.1...3s		
OFF delay	1 NO+1 NC	TA3DR2	0.1...30s		
OFF delay	1 NO+1 NC	TA3DR4	10...180s		
Star Delta	1 NO+1 NC	TA2DS2	1...30s	3690	

Electrical & Mechanical Interlocks-Horizontal Mounted

Use for Contactor		Reference*	MRP (₹)	MOQ
AC	DC			
TC1D09	TP1D09	ELA9-D09978	1050	10
TC1D12	TP1D12			
TC1D18	TP1D18			
TC1D25	TP1D25			
TC1D32	TP1D32			
TC1D40	TP1D40	ELA9-D50978	2340	
TC1D50	TP1D50			
TC1D65	TP1D65			
TC1D80	TP1D80	ELA9-D80978	3050	
TC1D95	TP1D95			

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

Use for Contactor AC	Reference	MRP (₹)	MOQ
TCA2DN	TX1-D2■	920	20
TC1D09			
TC1D12			
TC1D18			
TC1D25	TX1-D4■	1120	10
TC1D32			
TC1D40	TX1-D6■	2930	
TC1D50			
TC1D63			
TC1D80			
TC1D95			

■ Please specify Coil Voltage

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

Use for Contactor DC	Reference		MRP (₹)	MOQ
	Normal	Wideband		
TCA3DN	TX4D2■	TX5D2■	1500	1
TP1D09				
TP1D12				
TP1D18				
TP1D25	TX4D4■	TX5D4■	1650	
TP1D32				
TP1D40	TX4D40■	TX5D40■	3840	
TP1D50				
TP1D65				
TP1D80	TX4D80■	TX5D80■	8040	
TP1D95				

Spare AC Coils for Hoisting Power Contactor

Contactor	110V	220V	240V	415V	MRP (₹)
LC1FDP115HCA	LX9FF110V	LX9FF220V	LX9FF240V	LX9FF415V	6340
LC1FDP150HCA					
LC1FDP185HCA	LX9FG110V	LX9FG220V	LX9FG240V	LX9FG415V	9250
LC1FDP225HCA					
LC1FDP265HCA	LX9FH1102V	LX9FH2202V	LX9FH2402V	-	10110
LC1FDP330HCA					
LC1FDP400HCA	LX9FJ925	LX9FJ931	LX9FJ932	LX9FJ936	20490
LC1FDP500HCA	LX9FK925	LX9FK931	LX9FK932	LX9FK936	34640
LC1FDP630HCA	LX9FL924	LX9FL930	LX9FL931	LX9FL936	35020

Spare AC Coils for Contactors Rating 115~800A

Contactor	110V	220V	240V	415V	MRP (₹)
LC1FDP115A	LX1FF-110V	LX1FF-220V	LX1FF-240V	LX1FF-415V	4790
LC1FDP150A					
LC1FDP185A	LX1FG-110V	LX1FG-220V	LX1FG-240V	LX1FG-415V	8640
LC1FDP200A					
LC1FDP225A					
LC1FDP265A	LX1FH-1102V	LX1FH-2202V	LX1FH-2402V	LX1FH-4152V	10110
LC1FDP300A					
LC1FDP330A					
LC1FDP400A	LX1FJ-110V	LX1FJ-220V	LX1FJ-240V	LX1FJ-415V	13430
LC1FDP500A	LX1FK-110V	LX1FK-220V	LX1FK-240V	LX1FK-415V	31980
LC1FDP630A	LX1FL-110V	LX1FL-220V	LX1FL-240V	LX1FL-415V	32540
LC1FDP780A	LX1FX-110V	LX1FX-220V	LX1FX-240V	LX1FX-415V	77770
LC1FDP800A	LX4F8FWAC	LX4F8MWAC	LX4F8MWAC	LX4F8QWAC*	34130

D Range Contactors & Overload Relays

Global Certification

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

Control Relays 10 Amps

[HSN Code: 8536]

Contact Configuration	A.C. Reference	MRP (₹)	MOQ
2NO+2NC	CA2DN1229■	2270	1
3NO+1NC	CA2DN1319■		
4NO	CA2DN140■		

■ Please specify Coil Voltage

Power Contactors - 3 Pole, AC

[HSN Code: 8536]

Size	AC1 Duty A	AC3 415V Long Life			Auxiliary Contacts		Reference	MRP (₹)	MOQ
		KW	HP	A					
Frame 1	25	4	5.5	9	1NO	-	LC1D093■	2100	1
					-	1NC	LC1D099■	2100	
	25	5.5	7.5	12	1NO	-	LC1D123■	2350	
					-	1NC	LC1D129■	2350	
	32	9	12.5	16	1NO	-	LC1D173■	2760	
					-	1NC	LC1D179■	2760	
	32	11	15	22	1NO	-	LC1D223■	3190	
					-	1NC	LC1D229■	3190	
Frame 2	40	11	15	25	1NO	-	LC1D253■	3680	
					-	1NC	LC1D259■	3680	
	50	15	20	32	1NO	-	LC1D323■	7520	
					-	1NC	⊠LC1D329■	7520	
Frame 3	60	22	30	40	1NO	1NC	⊠LC1D403■	11020	
	80	25	35	50	1NO	1NC	⊠LC1D503■	13230	
	80	37	50	63	1NO	1NC	⊠LC1D633■	18640	
	125	45	60	80	1NO	1NC	⊠LC1D803■	23410	

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

Relay Setting Range A	Std. Power Rating for 3 Phase Motor at 415V		Reference#	MRP (₹)	Independent Mounting Kit	MOQ
	HP	KW				
0.10~0.16	*	*	⊠LR1D09301	2740	Reference LA7-D0964 MRP₹ 440 [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		Reference LA7-D3264 MRP ₹ 620 [HSN Code: 8538]	
5.50~8.00	5.00	3.70	LR1D09312			
7.00~10.0	5.50	4.00	LR1D09314			
10.0~13.0	7.50	5.50	LR1D12316			
13.0~18.0	12.00	9.00	LR1D16321	3280	Reference LA7-D4054 MRP ₹ 620 [HSN Code: 8538]	
18.0~25.0	15.00	11.00	LR1D25322			
23.0~32.0	20.00	15.00	LR1D32353	4710		
28.0~40.0	20.00	15.00	LR1D32355			
23.0~32.0	20.00	15.00	LR1D40353	5180		
30.0~40.0	30.00	22.00	LR1D40355			
38.0~50.0	35.00	25.00	LR1D63357	5980		
48.0~57.0	40.00	30.00	LR1D63359	8500		
57.0~66.0	50.00	37.00	LR1D63361	9370		

* There is no standard power rating for these motors. Select the overload relay in relation to the full load current.
# Consisting of 1 NO+1 NC make before break contacts.

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

Contactor	Voltage		
	42	360	380
LC1-D	D	UW	Q

For Non-Standard Coil Voltage, please add ₹ 200/- in the MRP.

[HSN Code: 8536]

Thermal OLR Type LR1-Independent Mounting

Relay Setting Range A	Std. Power Rating for 3 Phase Motor at 415V		Reference	MRP (₹)	MOQ
	HP	KW			
66.0 to 80.0	60	45	LR1-D80363	9320	1

AC Coil Voltage Codes for D Range Contactors (Standard)

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

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

Accessories

Global Certification

Add-on-Blocks for D Range Contactors [HSN Code: 8538]

Contactor			Reference	MRP (₹)	MOQ
Additional Instantaneous Aux.Contact Blocks	Front Mounted	2 NO	LA1D20	670	20
		1 NO+1 NC	LA1D11		
		2 NC	LA1D02		
		4 NO	LA1D40	1010	
		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#	1440	10

D Range Mechanical Interlocks Horizontally Mounted [HSN Code: 8538]

Use for Contactor AC	Reference	MRP (₹)	MOQ
LC1D09	LA9D09978	930	10
LC1D12			
LC1D17			
LC1D22			
LC1D25			
LC1D32			
LC1D40	LA9D50978	2300	
LC1D50			
LC1D63			
LC1D80	LA9D80978	3020	

■ 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 ₹230

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	1010	10

Add-on Starting Switch

NO starting Switch suitable for direct moun ing on Control Relays & Contactors	LA9-D09906	330	10

Mechanical Latching Blocks

Description for Contractors / Control Relays Type	Reference	MRP (₹)	MOQ
CA2-DN1 LC1-D09, LC1-D12 LC1-D17, LC1-D25, LC1-D32	☒LA6-DK01■	4070	10

■ Replace by voltage code

AC Coil Voltage Codes (Standard)

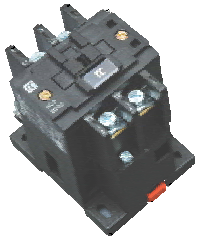
For Mechanical Latching Block	Voltage							
	24	48	72	110	220	240	380	415/440
LA6-DK01	B	E	EN	F	M	U	Q	N

* Stock for accessories are subject to availability

Contactors - 4 Pole & 2 Pole, AC

Global Certification | RoHS Compliant

Conforming IEC60947-1, IEC60947-4-1



Contactors - 2 Pole AC [HSN Code: 8536]

AC1 Duty	AC3 220V AC	Reference	MRP (₹)	MOQ
	A			
32	20	AC2D202■	2170	2
40	25	AC2D252■	2960	
40	40	AC2D402■	4050	

■Please specify Coil Voltage.

AC Coil Voltage Codes (Standard) for 2 Pole Contactors

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

* Wide band Coils ■Please specify Coil Voltage.

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

Reference	Coil Voltage	MRP (₹)	MOQ
AX1D2 MU	220/240V, 50Hz	610	5
AX1D2 M	220V, 50Hz		
AX1D2 QN	380/415V, 50Hz		
AX1D2 N	415V, 50Hz		

Spare Contact Kit for 2 Pole Contactor

AC5D202	20A Contact Kit, 2-Pole	900	1
AC5D252	25A Contact Kit, 2-Pole	1800	
AC5D402	40A Contact Kit, 2-Pole	2190	
☒AC5D2011	20A Contact Kit, 1NO+1NC	950	

Add-on-Blocks for 2 Pole Contactors

Description	Contact Configuration	Reference	MRP (₹)	MOQ
Front mounted Aux. contact Block	2 NO 1 NO+1 NC 2 NC	LA1-D20A	640	20
		LA1-D11A		
		☒LA1-D02A		

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	960	LA7D0964 MRP ₹440 [HSN Code: 8538]	1
5.5-8.0	LR7D09212			
7.0-10	LR7D09214			
9.0-14	LR7D12216X			
13-18	LR7D16221	1160		
14-22	LR7D16221X			
18-25	LR7D25222			
23-32	LR7D32253	1400		

Contactors - 4 Pole AC [HSN Code: 8536]

AC3, 415V			Main Poles Configuration	Reference	MRP (₹)	MOQ
kW	HP	A				
7.5	10	20	4NO	TC1DX204■	5570	1
11	15	25	4NO	TC1DX254■	8180	
22	30	40	4NO	TC1DX404■	13300	

■Please specify Coil Voltage.

AC Coil Voltage Codes (Standard) for 4 Pole Contactors [HSN Code: 8536]

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

Spare Coil for 4 Pole Contactors

Reference	Coil Voltage	MRP (₹)	MOQ
TX1D20■	110/220/190~400/250~450	880	1

Spare Contact Kit for 4 Pole Contactor

TA5DX204	20A Contact Kit, 4-Pole	1680	1
TA5DX254	25A Contact Kit, 4-Pole	2920	
TA5DX404	40A Contact Kit, 4-Pole	4730	

Mechanical Interlock for 4 Pole Contactors

LA9D09978	Horizontal Mounted	830	10

Add-on-Blocks for 4 Pole Contactors

Description	Contact Configuration	Reference	MRP (₹)	MOQ
Front mountedAux. contact Block	1 NO+1 NC	TA1-DN11A	680	2

Note : Also available with 2NC.

Exceed Definite Purpose Contactor

Conforming IEC60947-1, IEC60947-4-1

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

Full load (inductive) (A)	Locked Rotor Per Pole (A) AC 240V/AC 277V	Resistive Rating (A)	Reference	MRP (₹)
25	150	30	TCDP251E■	1320
20	150	30	TCDP201E■	1190
Single Pole (With Shunt)				
25	150	30	TCDP251SE■	1380
20	150	30	TCDP201SE■	1190
Two Pole				
20	120	30	TCDP202E■	1510
25	150	35	TCDP252E■	1600

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■	1530	1
30	40	⊠TCDP301■	1630	
40	50	⊠TCDP401■	1710	
Single Pole (With Shunt)				
25	30	TCDP251S ■	1600	1
30	40	TCDP301S■	1690	
40	50	TCDP401S ■	1830	
Two Pole				
20	30	TCDP202■	1760	1
30	40	TCDP302■	1770	
40	50	⊠TCDP402■	1900	
Thee Pole				
20	30	TCDP203■	2090	
30	40	TCDP303■	2140	1
40	50	⊠TCDP403■	2430	

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

All coils codes applicable for extra wide band coils.

* Stock for accessories are subject to availability

⊠ Non Stockable item
MOQ- Minimum Order Quantity

Industrial Plugs & Sockets

Benefits

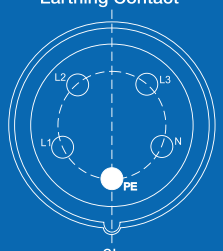
- Safety through interchangeability
- High grade thermo plastic material assures:
  - Exceptional high impact resistance
  - High thermal stability
  - High insulated Quality
  - Good resistance to various chemicals
- Colour codes for easy identification of Plug & Sockets
- Locking device prevent unintended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

Junction Box

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

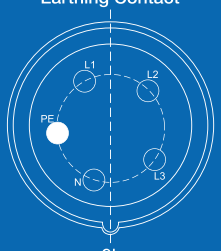
IEC 60309 Series
IP44 & IP67 Protection

Position of the Earthing Contact



6h

Position of the Earthing Contact



9h

Control & Signalling Devices

Metallic & Polycarbonate Series

Push Buttons & Pilot Lamps

Globally accepted

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

IEC 60309 Series

[HSN Code: 8536]

IP 44 & IP 67 Versions	Description	Rating (Amp)	Protection Degree	3 PIN, 2P+E 240V AC			4 PIN, 3P+E 415V AC			5 PIN, 3P+N+E 415V AC		
				Code	MRP (₹)	Reference h	Code	MRP (₹)	Reference h	Code	MRP (₹)	Reference h
	Panel Mounting Socket - Splash Proof	16	IP44	CS62205*	830	6	-	-	-	CS62210*	1380	6
		32		CS62216*	1410	6	-	-	-	CS62221*	1580	6
	Panel Mounting Socket -Water Tight	16	IP67	CS62227	1770	6	-	-	-	CS62232	1890	6
		32		CS62238	1910	6	-	-	-	CS62243	2510	6
		63		☒CS63249	7040	6	-	-	-	CS63254	6470	6
		125		-	-		-	-	-	CS62262	24210	6
	Surface Mounting Socket - Splash Proof	16	IP44	CS62404	1360	6	-	-	-	CS62409	1500	6
		32		CS62415	1690	6	-	-	-	CS62420	1780	6
	Surface Mounting Socket - Water Tight	16	IP67	CS62426	2310	6	-	-	-	☒CS62431	3030	6
		32		☒CS62437	2880	6	☒CS62283	3230	3	CS62442	3470	6
		63		☒CS63448	8880	6	-	-	-	CS63453	9100	6
		125		-	-		-	-	-	☒CS63463	31360	6
	Plugs - Splash Proof	16	IP44	CS60004*	720	6	-	-	-	CS60009*	960	6
		32		CS60015*	1140	6	-	-	-	CS60020*	1380	6
	Plugs - Water Tight	16	IP67	CS60026	1530	6	-	-	-	CS60031	2010	6
		32		CS60037	2370	6	CS60145	2420	3	CS60042	2460	6
		63		☒CS61048	6690	6	-	-	-	CS61053	6920	6
		125		-	-		-	-	-	CS60061	20550	6
	Surface Mounting Interlocked Switched Socket Outlet - Horizontal	16	IP44	CS66004(H)	10850	6	-	-	-	☒CS66109(H)	13830	6
		32		☒CS66015(H)	12900	6	-	-	-	☒CS66020(H)	15460	6
	Surface Mounting Interlocked Switched Socket Outlet - Vertical	16	IP67	CS66200	11890	6	-	-	-	☒CS66202	16830	6
		32		☒CS66201	16600	6	-	-	-	☒CS66203	20080	6
	Connector - Splash Proof	16	IP44	CS62004*	1030	6	-	-	-	☒CS66215*	1190	-
		32		CS62015*	1320	6	-	-	-	CS66225*	1680	-
	Connector Water Tight	32	IP67	-	-	-	CS62128	3230	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

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

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

[HSN Code: 8536]

AC Distribution Box with Socket	Description	Rating (Amp)	Protection Degree	Code	MRP (₹)	Reference h
	AC Distribution Box (Includes Socket & Plug)	16A 3P 240V	IP40	CS60045*	2560	6
		32A 3P 240V		CS60046*	3170	6
		32A 5P 415V		CS60047*	4760	6
		63A 5P 415V		CS60048*	12390	6

* Stock for accessories are subject to availability

Push Buttons: 22.5mm
Without Contact Elements

Global Certification

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

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Push Spring Return Push Button	⊠RCP2BA2●	160	20	
	RCP2BA3●			
	RCP2BA4●			
	RCP2BA5●			
	⊠RCP2BA6●			
Flush Spring Return Push Button with contact	⊠RCP2BA33●	340	10	
	RCP2BA35●			
Projecting Push Button	RCP2BL1○	160	10	
	RCP2BL2●			
	RCP2BL3●			
	RCP2BL4●			
	RCP2BL5●			
	RCP2BL6●			
Mushroom Head Push Button, Spring Return	RCP2BC2●	210	8	
	RCP2BC3●			
	⊠RCP2BC4●			
	RCP2BC5●			
	RCP2BC6●			
Mushroom Head Push Button, Spring Return with contact	RCP2BC21 ●	310	10	
	RCP2BC31●			
	⊠RCP2BC42●			
	RCP2BC51●			
	RCP2BC61●			
Mushroom Head ⌀40mm Push Button Stay Put turn to release	RCP2BS54●	290	8	
Mushroom Head ⌀40mm Push to Stay Pull to release	RCP2BT4●			
Mushroom Head ⌀60mm Push Button Stay Put turn to release	RCP2BS64●	430	5	
Mushroom Head Push Button, Push to Stay & Key to release	RCP2BS14●	530	8	
Push Button Stay Put ⌀30mm (Press to Lock turn to release	RCP2BS44●	270	10	

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

Flush Spring Return Push Button with 1NO Block	⊠RCP2BA11○	220	10	+
	⊠RCP2BA21●			
	RCP2BA31●			
	RCP2BA51 ●			
	RCP2BA61 ●			
	RCP2BA41 ●			
Push Button with 1NC Block	RCP2BA42 ●			
Projecting Head Push Button with 1NO Block	RCP2BL11○	220	10	
	RCP2BL21●			
	⊠RCP2BL31●			
	RCP2BL51●			
	RCP2BL61●			
Projecting PB with 1NC Block	⊠RCP2BL42●			

LED Type Push Button Actuators - Illuminated Flush

Flush Illuminated with Integral Circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCP2BWL317▲○	430	10	
	RCP2BWL337▲●			
	⊠RCP2BWL347▲●			
	⊠RCP2BWL357▲●			
	⊠RCP2BWL377▲○			
	RCP2BWL387▲●			
	RCP2BWL367▲●	740		

Push Button Actuator-Illuminated Projecting without Series Resistor

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

Projecting Illuminated Actuator, with integral LED, suitable for operating 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCP2BWL117▲○	430	10	
	⊠RCP2BWL137▲●			
	⊠RCP2BWL147▲●			
	RCP2BWL157▲●			
	RCP2BWL177▲○			
	RCP2BWL187▲●			
	RCP2BWL167▲●	750		

Colour Code for Actuator / Lens

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

Push Buttons: 22.5mm
Without Contact Elements

Global Certification

Selector Switch Actuators with Carrier [HSN Code: 8536]

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
2-Position Selector Switch (stay put)	RCP2BD2	410	10	
3-Position Selector Switch,centre 'OFF' (stay put)	RCP2BD3			
2-Position Selector Switch with extra long knob (stay put)	⊠RCP2BJ2	410	10	
3-Position Selector Switch, with extra long knob centre 'OFF' (stay put)	RCP2BJ3			
3-Position Selector Switch (Spring Return)	RCP2BDR3	440	10	
3-Position Selector Switch extra long knob (Spring Return)	⊠RCP2BJR3	440	10	

Selector Switch Actuators with Carrier & Contact Element

2-Position Selector Switch (stay put) with 1NO Block	⊠RCP2BD21	470	10	+
2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCP2BD25	570		
3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCP2BD35			

Key Actuators with Carrier

2-Position Key Switch, Key removable in unactuated position	⊠RCP2BG2	590	10	
2-Position Key Switch, Key removable in both position	⊠RCP2BG4			
2-Position Key Switch, Key removable in 'Right Hand' position	RCP2BG02			
3-Position Key Switch, Key removable in centre 'OFF' position	⊠RCP2BG3	600	10	
3-Position Key Switch, Key removable in all position	RCP2BG0			
3-Position Key Switch, Key removable in 'Left Hand & Right Hand'position	RCP2BG5			
3-Position Key Switch, Key removable in 'Left Hand' position	⊠RCP2BG9			
3-Position Key Switch, Key removable in 'Right Hand' position	RCP2BG7			

Push Buttons Extended Range [HSN Code: 8536]

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Intermittent Sounding Flashing Buzzer 15 ~ 20 mA, sound level 80 dB.24V, 48V, 110V AC/DC 240V AC (* Add Voltage code)	⊠RB2KS*●	450	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	⊠RCP2BVL73▲●	390	10	
	⊠RCP2BVL74▲●			
	⊠RCP2BVL75▲●			
	RCP2BVL77▲○			
	RCP2BVL71▲○			
	⊠RCP2BVL78▲●			
	⊠RCP2BVL76▲●	690		

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

▲Add Voltage Code

⊠ Non Stockable item

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

Push Buttons Extended Range

Reset Extended Actuator Push-button - Round Type	⊠RCB2AL8R	150	24	
Reset Extended Actuator Pushbutton - Hex Type	⊠RCB2AL8H	150	30	
Plastic Adopter for 30 mm hole to 22.5 mm.	⊠RP2BZ41M	50	20	
Metal Adopter for 30 mm hole to 22.5 mm	⊠RB2BZ41M			
Recess (Guarded) Push button - Plastic	RP2BA16 ○	120	20	
	RP2BA26 ●			
	⊠RP2BA36 ●			
	⊠RP2BA46 ●			
	RP2BA56 ●			
	RP2BA66 ●			

Push Buttons: 22.5mm

Metallic Range (Without Contact Elements)

Global Certification

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

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Flush Spring Return Push Button	RCB2BA1 ○	170	20	
	RCB2BA2 ●			
	RCB2BA3 ●			
	RCB2BA4 ●			
	RCB2BA5 ●			
	RCB2BA6 ●			
Projecting Push Button	RCB2BL1 ○	170	10	
	RCB2BL2 ●			
	RCB2BL3 ●			
	RCB2BL4 ●			
	RCB2BL5 ●			
	RCB2BL6 ●			
Booted Push Button	RCB2BP2 ●	240	20	
	RCB2BP3 ●			
	RCB2BP4 ●			
	RCB2BP5 ●			
	RCB2BP6 ●			
Mushroom Head Push Button, Spring Return	RCB2BC2 ●	240	8	
	RCB2BC3 ●			
	RCB2BC4 ●			
	RCB2BC5 ●			
	RCB2BC6 ●			
Mushroom Head Push Button Stay Put (press to lock, turn to release)	RCB2BS54●	320	8	
	RCB2BS64●	430	5	
Mushroom Head Push Button, Push to Stay & Pull to release	RCB2BT4●	380	8	
Mushroom Head Push Button, premarked Pull to Reset	RCB2BT43●			
Mushroom Head Key Switch, StayPut, Key removable in both positions (press to lock and key to release)	RCB2BS14●	660	8	
Push Button Stay Put (press to lock, turn to release)	RCB2BS44●	310	10	

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

Flush Spring Return Push Button with 1NO Block	☒RCB2BA11○	280	10	+
	RCB2BA21●			
	RCB2BA31●			
	RCB2BA51●			
	RCB2BA61●			
	RCB2BA41●			
Push Button with 1NC Block	RCB2BA42●			
Push Button with 2NO Block	RCB2BA33●	400	10	
Projecting Head Push Button with 1NO Block	RCB2BL11○	280		
	RCB2BL21●			
	☒RCB2BL31●			
	RCB2BL51●			
	RCB2BL61●			
Projecting PB with 1NC Block	☒RCB2BL42●			
Mushroom Head Push Button Stay Put (press to lock, turn to release) with 1NC Block	RCB2BS542●	450	8	
	RCB2BS642●	530	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	RCB2BWL337▲●	470	10	
	☒RCB2BWL347▲●			
	☒RCB2BWL357▲●			
	☒RCB2BWL317▲○			
	RCB2BWL377▲●			
	☒RCB2BWL387▲●			
	☒RCB2BWL367▲●	770		

Push Button Actuators - Illuminated Projecting with Series Resistor

Illuminated Actuator, Projecting (with BA9S Filament Bulb,130V) 220VAC/DC	RCB2BW117▲○	320	10	
	RCB2BW137▲●			
	RCB2BW147▲●			
	RCB2BW157▲●			
	RCB2BW167▲●			
	RCB2BW177▲○			

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	☒RCB2BWL137▲●	470	10	
	☒RCB2BWL147▲●			
	☒RCB2BWL157▲●			
Projecting Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2BWL167▲●	900		

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

Push Buttons: 22.5mm

Metallic Range (Without Contact Elements)

Global Certification

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Push Button Actuators with Carrier - Non-Illuminated				**[HSN Code: 8536]**
Double Push Button, Flush Green & Red Knob marked I&O respectively	RCB2BA87	280	10	
Selector Switch Actuators with Carrier				
2-Position Selector Switch (stay put)	RCB2BD2 RCB2BD27*	460	10	
3-Position Selector Switch, centre 'OFF' (stay put)	RCB2BD3 RCB2BD37*			
2-Position Selector Switch with extra long knob (stay put)	RCB2BJ2 ☒RCB2BJ27*	470		
3-Position Selector Switch, with extra long knob centre 'OFF' (stay put)	RCB2BJ3 ☒RCB2BJ37*			
2-Position Selector Switch (Spring Return)	RCB2BDR2 ☒RCB2BDR27*	520		
3-Position Selector Switch (Spring Return)	RCB2BDR3 RCB2BDR37*			
2-Position Selector Switch extra long knob (Spring Return)	☒RCB2BJR2 RCB2BJR27*	520		
3-Position Selector Switch extra long knob (Spring Return)	☒RCB2BJR3 RCB2BJR37*			
Selector Switch Actuators with Carrier & Contact Element				**[HSN Code: 8536]**
2-Position Selector Switch (stay put) with 1NO Block	RCB2BD21 ☒RCB2BD271*	550	10	+
2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCB2BD25 ☒RCB2BD275*	670		
3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCB2BD35 ☒RCB2BD375*			

*with Black Bezel

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
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	☒RCB2BK1237▲●	730	10	
	☒RCB2BK1247▲●			
	☒RCB2BK1257▲●			
3-Position Illuminated Selector Switch (with BA9S Filament Bulb 130V) suitable for operation at 220V AC/DC	☒RCB2BK1337▲●			
	☒RCB2BK1347▲●			
	☒RCB2BK1357▲●			
Selector Switch Actuators-Illuminated with integral circuit LED available on request				
Selector Switch Actuators - Illuminated without series resistor				
2-Position Illuminated Selector Switch (with LED Bulb) 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	☒RCB2BKL1237▲●	730	10	
	☒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▲●	730		
	☒RCB2BKL1347▲●			
	☒RCB2BKL1357▲●			

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

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Key Actuators with Carrier				**[HSN Code: 8536]**
2-Position Key Switch, Key removable in unactuated position	RCB2BG2 RCB2BG27*	660	10	
2-Position Key Switch, Key removable in both position	RCB2BG4 RCB2BG47*			
2-Position Key Switch, Key removable in 'Right Hand' position	☒RCB2BG02 ☒RCB2BG027*			
3-Position Key Switch, Key removable in centre 'OFF' position	RCB2BG3 RCB2BG37*	680		
3-Position Key Switch, Key removable in all position	☒RCB2BG0 RCB2BG07*			
3-Position Key Switch, Key removable in 'Left Hand & Right Hand ' position	☒RCB2BG5 RCB2BG57*			
3-Position Key Switch, Key removable in 'Left Hand' position	RCB2BG9 RCB2BG97*			
3-Position Key Switch, Key removable in 'Right Hand' position	☒RCB2BG09 RCB2BG097*			
3-Position (Spring Return) Key Switch, Key removable in 'Center' position	☒RCB2BG7 RCB2BG77*			
Key Actuators with Carrier & Contact element				
2-Position Key Switch with 1NO Block,Key removable in unactuated position	☒RCB2BG21 RCB2BG271*	720	10	+
2-Position Key Switch with 1NO Block, Key removable in both position	☒RCB2BG41 RCB2BG471*			
3-Position Key Switchwith 1NO+1NC Block key removable in centre 'OFF' position	☒RCB2BG31 RCB2BG371*	850		
3-Position Key Switch with 1NO+1NC Block key removable in all position	RCB2BG04 RCB2BG074*			

* with Black Bezel

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Contact Elements - NO/NC (Non UL)*				**[HSN Code: 8536]**
Contact Element 1 NO	RE2BE101	110	50	
Contact Element 1 NC	RE2BE102			
Contact Elements - NO/NC (UL)*				
Contact Element 1 NO	RB2-BE-101	130	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

Pilot Lamps: 22.5mm

Metallic Range

Global Certification

Description	Reference	MRP (₹)	Std. Pkg. (Nos)	Product Picture
LED Type Pilot Lamp-Type of voltage AC/DC				**[HSN Code: 8536]**
Pilot Light with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	⊠RCB2BVL71▲○	430	10	
	⊠RCB2BVL73▲●	430		
	⊠RCB2BVL74▲●			
	⊠RCB2BVL75▲●			
	RCBBVL77▲○			
	⊠RCB2BVL78▲●			
	⊠RCB2BVL76▲●	850		
Economical Barrel LED Series - Type of voltage AC/DC				
Suitable for operating at 12V DC, 240V AC, 415V AC AC/DC-24V, 110V, 220V	RCN7IVL71 ▲○	440	15	
	⊠RCN7IVL76▲●			
	RCN7IVL73▲●	240		
	RCN7IVL74▲●			
	⊠RCN7IVL75▲●			
	⊠RCN7IVL77▲○			
	⊠RCN7IVL78▲●			

Colour Code for Actuator / Lens

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

▲Add Voltage Code

Colour Code for Actuator / Lens

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

▲Add Voltage Code

* Stock for accessories are subject to availability.

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Push Button Powder Coated Actuators with Carrier				**[HSN Code: 8536]**
Flush Spring Return Push Button powder coated	RCB2BA17 ○	170	20	
	RCB2BA27 ●			
	RCB2BA37 ●			
	RCB2BA47 ●			
	RCB2BA57 ●			
	RCB2BA67 ●			
Projecting Push Button	RCB2BL17 ○	180	10	
	RCB2BL27 ●			
	RCB2BL37 ●			
	RCB2BL47 ●			
	RCB2BL57 ●			
	RCB2BL67 ●			
Integrated LED Pilot Lamp - Type of voltage AC/DC				
Integral LED pilot Lamp suitable for operating at common voltage (AC/DC) 110V, 48V, 24V & 12V Also available at operational voltage 240V AC, 220V DC, 110V AC, 110V DC	⊠RCB7IVL71▲○	490	15	
	⊠RCB7IVL76▲●			
	⊠RCB7IVL73▲●	280		
	⊠RCB7IVL74▲●			
	⊠RCB7IVL75▲●			
	⊠RCB7IVL77▲○			
	⊠RCB7IVL78▲●			
Wide range: 12V~240V (AC/DC)	RCB7IVL71▲○	840		
	RCB7IVL76▲●			
	RCB7IVL73▲●	620		
	RCB7IVL74▲●			
	RCB7IVL75▲●			
	⊠RCB7IVL77▲○			
	RCB7IVL78▲●			

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 (₹)	Std. Pkg. (Nos)	Product Picture
Pilot Lamp Head	RB2BV01 ○	170	20	
	RB2BV03 ●			
	RB2BV04 ●			
	RB2BV05 ●			
	RB2BV06 ●			
	RB2BV07 ○			
	RB2BV08 ●			
Flush Push Button	RB2BA1 ○	150	20	
	RB2BA2 ●			
	RB2BA3 ●			
	RB2BA4 ●			
	RB2BA5 ●			
	RB2BA6 ●			
Projecting Push Button	RB2BL1 ○	170	20	
	RB2BL2 ●			
	RB2BL3 ●			
	RB2BL4 ●			
	RB2BL5 ●			
	RB2BL6 ●			
Mushroom Spring Return	RB2BC2 ●	220	8	
	RB2BC3 ●			
	RB2BC4 ●			
	RB2BC5 ●			
	RB2BC6 ●			
Mushroom Stay Put ϕ30mm	RB2BS44 ●	280	10	
Mushroom Stay Put ϕ40mm	RB2BS54 ●	290	8	
Mushroom Stay Put ϕ60mm	RB2BS64 ●	410	5	
Mushroom illuminated - 2 position Momentary - 2 position Maintained	RCB2BW43 ●	500	8	
	RCB2BW44 ●	500		
	RCB2BW64 ●	620		
	RCB2BW63 ●			
Booted Push Button	RB2BP2 ●	240	20	
	RB2BP3 ●			
	RB2BP4 ●			
	RB2BP5 ●			
	RB2BP6 ●			
Double Headed without Light	RB2BA87	280	10	
Double Headed Push Button with Light	RB2BW9	300		
Illuminated Flush Push Button	RB2BW31 ○	190	10	
	RB2BW33 ●			
	RB2BW34 ●			
	RB2BW35 ●			
	RB2BW36 ●			
	RB2BW37 ○			
	RB2BW38 ●			
Illuminated Projecting Push Button	RB2BW13 ●	200	10	
	RB2BW14 ●			
	RB2BW15 ●			
	RB2BW16 ●			
	RB2BW17 ○			
	RB2BW38 ●			
Illuminated Selector 2-Position Stay Put	RB2BK123 ●	450		
	RB2BK124 ●			
	RB2BK125 ●			
Illuminated Selector 3-Position Stay Put	RB2BK133 ●	470		
	RB2BK134 ●			
	RB2BK135 ●			

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

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
LED Pilot Lamp Head	RB2BVL01 ○	150	20	
	RB2BVL03 ●			
	RB2BVL04 ●			
	RB2BVL05 ●			
	RB2BVL06 ●			
	RB2BVL07 ○			
	RB2BVL08 ●			
LED Illuminating Flush Push Button	RB2BWL31 ○	200	10	
	RB2BWL33 ●			
	RB2BWL34 ●			
	RB2BWL35 ●			
	RB2BWL36 ●			
	RB2BWL37 ○			
	RB2BWL38 ●			
LED Illuminating Projecting Push Button	RB2BWL11 ○	220	10	
	RB2BWL13 ●			
	RB2BWL14 ●			
	RB2BWL15 ●			
	RB2BWL16 ●			
	RB2BWL17 ○			
	RB2BWL18 ●			

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

Description	Reference	Operating Handle	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Selector 2-Position, Stay Put	RB2BD2	Standard	410	10	
Selector 2-Position, Stay Put	RB2BJ2	Long	450		
Selector 2-Position, Spring Return	RB2BDR2	Standard	410		
Selector 2-Position, Stay Put	RB2BJR2	Long	450		
Selector 3-Position, Stay Put (Centre OFF)	RB2BD3	Standard	410		
Selector 3-Position, Stay Put (Centre OFF)	RB2BJ3	Long	450		
Selector 3-Position, Spring Return (Centre OFF)	RB2BDR3	Standard	410		
Selector 3-Position, Stay Put	RB2BJR3	Long	450		
Key Selector 2 -Position, Stay Put	RB2BG2	Key removable in L.H. position	620		
Key Selector 2-Position, Stay Put	RB2BG4	Key removable in both positions	620		
Key Selector 2-Position, Stay Put	RB2BG02	Key removable in R .H. position			
Key Selector 2-Position, Spring Return Stay Put	RB2BG6	Key removable in L.H. position			
Key Selector 3-Position, Stay Put	RB2BG3	Key removable in centre position			
Key Selector 3-Position, Stay Put	RB2BG0	Key removable inall positions	620		
Key Selector 3-Position, Stay Put	RB2BG5	Key removable in L.. H.& R. H. position			
Key Selector 3-Position, Stay Put	RB2BG9	Key removable in L. H. position	630		
Key Selector 3-Position, Stay Put	RB2BG09	Key removable in R. H. position			
Key Selector 3-Position, Both Side Spring Return	RB2BG7	Key removable in Centre position			
Mushroom Head with Key Stay Put	RB2BS14 ●	Key removable in both positions	630	8	

Accessories

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

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

Description	Reference	Contact Type	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
For Actuators,Push Buttons,Selectors & Key Switches	RB2BZ101	NO	200	20	
	RB2BZ102	NC			
	RB2BZ103	1NO+1NO	310	10	
	RB2BZ104	1NC+1NC			
	RB2BZ105	1NO+1NC			

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Set of Lens (one inner and one outer) for Pilot Lamp Head	RB2BV00*	50	20	
Lens for LED & Neon Type Pilot Lamp (w/o inner lens)	RB2BVL00*			
Set of Lens (one inner and one outer) for Illuminating Actuator	RB2BW00*			
Lens for Illuminating LED & Neon actuator (w/o inner lens)	RB2BWL00*			
Silicon Cap suitable for, -Booted Push Button (coloured) -Push Buttons Flush (Natural) -Push Buttons Illuminated (Natural)	RB2BP00	50		
	RCS			
	RCL	60		
Legend Plate with inscription (On, Off, Start, Stop, Slow, Fast, Forward, Reverse, Up, Down, Open, Close, Auto, Auto-o-Hand, Auto-Hand, Reset, Inch.)	RB2BYN#	50	100	
Body / Carrier with mounting screws (passivated) for making different assemblies	RB2B*	75	20	
Yellow legend (PVC) ϕ60mm	RB2PY9330	90	50	
Emergency Stop ϕ90mm	RB2PY8330	95	50	

#Minimum Order Qty. will be 500 Nos.

How to Order :

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

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

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

Standard Text	Reference	Standard Text	Reference	MRP (₹)	Std. Pkg. (Nos.)
Start	2303	Stop	2304	50	260
Forward	2305	Reverse	2306		
Up	2307	Down	2308		
On	2311	Off	2312		
Open	2313	Close	2314		
Auto	2315	Hand	2316		
Reset	2323	Inch	2321		
Slow	2327	Fast	2328		
Auto - Hand	2364	Auto-O-Hand	2385		
		Hand-O-Auto	2387		

Important :

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

☒ Non Stockable item.

Control Stations (Assembled)

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

Description	Scheme	Colour	Making on legend	Reference	MRP (₹)	Product Picture
1 Flush Push Button	NO	3	I START	RC1P102	1000	
				RC1P103		
1 Flush Push Button	NC	4	O STOP	RC1P112		
				RC1P114		
Latching Push Button	NC	4	STOP	RC1PBS542	1090	
				RC1PYBS542		
Mushroom Head Key Switch	NC	4	STOP	RC1PBS142	1490	
				RC1PYBS142		
2 Flush Push Button	NO+NC	3	I	RC2P213	1430	
		4	O			
2 Flush Push Button	NO+NC	3	START	RC2P215		
		4	STOP			

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

Description	Scheme	Colour	Marking on legend	Reference	MRP (₹)	Product Picture
2 Flush Push Button	NO + NO	1	↕ Up Down	RC2P222	1600	
		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	2070	
			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

Description		Number of Ways	Reference	MRP (₹)	Product Picture
Top	Base				
Yellow		1	RC1PY	810	
Bone Grey	Jet Black	1	RC1P		
		2	RC2P	900	
		3	RC3P	1020	
		4	RC4P	1140	

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

Control Stations (Assembled)

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

Description	Scheme	Colour	Marking on legend	Reference	MRP (₹)	Product Picture
1 Flush Push Button	NO	3	I START	RC1M102	1490	
				RC1M103		
1 Flush Push Button	NC	4	O STOP	RC1M112		
				RC1M114		
Latching Push Button	NC	4	STOP	RC1MBS542	1650	
Mushroom Head Key Switch	NC	4	STOP	RC1MBS142	1900	
2 Flush Push Button	NO+NC	3 4	I O	RC2M213	1880	
2 Flush Push Button	NO+NC	3 4	START STOP	RC2M215		

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

Description	Scheme	Colour	Marking on legend	Reference	MRP (₹)	Product Picture
2 Flush Push Button	NO + NO	1 2	↕ Up-Down	RC2M222	1830	
				RC2M222A		
		1 2	↔ Right-Left	RC2M223		
				RC2M223A		
		1 2	Open-Close	RC2M241		
			Forward-Reverse	RC2M222B		
3 Flush Push Button	NO + NC + NO	3 4 3	Forward Stop Reverse	RC3M311	2320	
			Up Stop Down	RC3M321		
			Right Stop Left	RC3M331		
			Open Stop Close	RC3M341		
		1 2	↕ ↔	RC3M324		
				RC3M334		

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

Description		Number of Ways	Reference	MRP (₹)	Product Picture
Top	Base				
Smoke Grey	Dark Grey	1	RC1M	1150	
		2	RC2M	1190	
		3	RC3M	1430	
		4	RC4M*	1750	

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

Operating Head for Control Stations

For Customer assembly

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

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Flush Push Button Spring Return	RP2BA1 ○	150	20	
	RP2BA2 ●			
	RP2BA3 ●			
	RP2BA4 ●			
	RP2BA5 ●			
	RP2BA6 ●			
	RP2BA334			
	RP2BA335			
Projecting Push Button	RP2BL1 ○	150	20	
	RP2BL2 ●			
	RP2BL3 ●			
	RP2BL4 ●			
	RP2BL5 ●			
	RP2BL6 ●			
Mushroom Spring Return	RP2BC2 ●	200	8	
	RP2BC3 ●			
	RP2BC4 ●			
	RP2BC5 ●			
	RP2BC6 ●			
Mushroom Stay Put ϕ30mm	RP2BS44 ●	250	10	
ϕ40mm	RP2BS54 ●	270	8	
ϕ60mm	RP2BS64 ●	440	5	

Operating Heads for Control Stations Without Contact Block and Carrier

Description	Reference	Operating Handle	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Selector 2-Position, Stay Put	RP2BD2	Standard	390	10	
Selector 3-Position, Stay Put (Centre OFF)	RP2BD3	Standard			
Selector 3-Position, Spring Return (Centre OFF)	RP2BDR3	Standard			
Key Selector 2-Position, Stay Put	RP2BG2	Key removable in L.H. position	550		
Key Selector 2-Position, Stay Put	RP2BG4	Key removable in both positions	570		
Key Selector 2-Position, Stay Put	RP2BG02	Key removable in R .H. position			
Key Selector 3-Position, Stay Put	RP2BG3	Key removable in centre position			
Key Selector3-Position, Stay Put	RP2BG0	Key removable in all positions	600		
Key Selector 3-Position, Stay Put	RP2BG5	Key removable in L.. H.& R. H. position			
Key Selector 3-Position, Stay Put	RP2BG9	Key removable in L. H. position	550		
Key Selector 3-Position, Stay Put	RP2BG09	Key removable in R. H. position			
Key Selector 3-Position, Both Side Spring Return	RP2BG7	Key removable in Centreposition			
Mushroom Head with Key Stay Put	RP2BS14	Key removable in both positions	550	8	

☒ Non Stockable item

Operating Head for Control Stations

For Customer assembly

Global Certification

Metallic Operating Heads without Contact Block for RC.P & RC.M enclosures - IP65

[HSN Code: 8536]

Description		Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Flush Push Button Spring Return		RM2BA1○	160	20	
		RM2BA2●			
		RM2BA3●			
		RM2BA4●			
		RM2BA5●			
		RM2BA6●			
		RM2BA334			
		RM2BA335			
Projecting Push Button		RM2BL1○	160	20	
		RM2BL2●			
		RM2BL3●			
		RM2BL4●			
		RM2BL5●			
		RM2BL6●			
Mushroom Spring Return	ϕ40mm	RM2BC2●	220	8	
		RM2BC3●			
		RM2BC4●			
		RM2BC5●			
		RM2BC6●			
Mushroom Stay Put	ϕ30mm	RM2BS44●	280	10	
	ϕ40mm	RM2BS54●	310	8	
	ϕ60mm	RM2BS64●	380	5	
Mushroom Push-Pull Type	ϕ40mm	RM2BT43●	310	8	

Operating Heads for Control Stations Without Contact Block and Carrier

[HSN Code: 8536]

Description	Reference	Operating Handle	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Selector 2-Position, Stay Put	RM2BD2	Standard	410	10	
Selector 2-Position, Spring Return	RM2BDR2	Standard			
Selector 3-Position, Stay Put (Centre OFF)	RM2BD3	Standard			
Selector 3-Position, Spring Return (Centre OFF)	RM2BDR3	Standard			
Key Selector 2-Position, Stay Put	RM2BG2	Key removable in L.H. position	550		
Key Selector 2-Position, Stay Put	RM2BG4	Key removable in both positions	600		
Key Selector 2-Position, Stay Put	RM2BG02	Key removable in R .H. position			
Key Selector 2-Position, Spring Return Stay Put	RM2BG6	Key removable in L.H. position			
Key Selector 3-Position, Stay Put	RM2BG3	Key removable in centre position			
Key Selector 3-Position, Stay Put	RM2BG0	Key removable inall positions	630		
Key Selector 3-Position, Stay Put	RM2BG5	Key removable in L.H. & R.H. position	630		
Key Selector 3-Position, Stay Put	RM2BG9	Key removable in L. H. position	670		
Key Selector 3-Position, Stay Put	RM2BG09	Key removable in R. H. position			
Key Selector 3-Position, Both Side Spring Return	RM2BG7	Key removable in Centre position			
Mushroom Head with Key Stay Put	RM2BS14I	Key removable in both positions	600	8	

Contact Blocks - Base Mounted For Control Stations Customer Assembly

[HSN Code: 8536]

Description	Reference	Contact Type	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Contact Block	RB2BE101BM/P*	NO	150	50	
Slow Break	RB2BE102BM/P*	NC			

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

Legends (Stickers) are supplied with the following Standard Texts, Plastic

[HSN Code: 8536]

Description	Reference	Standard Text	Reference	MRP (₹)	Std. Pkg. (Nos)
Start	RP2BY2303	Stop	RP2BY2304	30	100
Forward	RP2BY2305	Reverse	RP2BY2306		
Up	RP2BY2307	Down	RP2BY2308		
On	RP2BY2311	Off	RP2BY2312		
Open	RP2BY2313	Close	RP2BY2314		
Auto	RP2BY2315	Hand	RP2BY2316		
Reset	RP2BY2323	Inch	RP2BY2321		
Slow	RP2BY2327	Fast	RP2BY2328		
Power On	RP2BY2326	Emer. Stop	RP2BY2330		
Right	RP2BY2309	Left	RP2BY2310		
O	RP2BY2146	--	RP2BY2147		
→	RP2BY1912	←	RP2BY1913		
↑	RP2BY1914	↑	RP2BY1915		

Note: Minimum order of #10 each.

Legends (Stickers) are supplied with the following standard texts, Metal

[HSN Code: 8536]

Description	Reference	Standard Text	Reference	MRP (₹)	Std. Pkg. (Nos)
Start	RM2BY2303	Stop	RM2BY2304	30	100
Forward	RM2BY2305	Reverse	RM2BY2306		
Up	RM2BY2307	Down	RM2BY2308		
On	RM2BY2311	Off	RM2BY2312		
Open	RM2BY2313	Close	RM2BY2314		
Auto	RM2BY2315	Hand	RM2BY2316		
Reset	RM2BY2323	Inch	RM2BY2321		
Slow	RM2BY2327	Fast	RM2BY2328		
Power On	RM2BY2326	Emer. Stop	RM2BY2330		
Right	RM2BY2309	Left	RM2BY2310		
O	RM2BY2146	--	RM2BY2147		
→	RM2BY1912	←	RM2BY1913		
↑	RM2BY1914	↑	RM2BY1915		

Note: Minimum order of #10 each.

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C&S electric

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for Domestic & Agro applications

Features

- Conforms to IS 13947-4-1
- 3Ø DOL Starter range: 0.50HP~40HP
- 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
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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	23970	6
3	2.2	BE3DXEAP163■308	2.5-4.0	23970	
5	3.7	BE3DXEAP163■310	4.0-6.0	23970	
7.5	5.6	BE3DXEAP163■312	5.5-8.0	23970	
10	7.5	BE3DXEAP163■314	7.0-10.0	23970	
12.5	9.3	BE3DXEAP163■316	10.0-13.0	23970	
12.5	9.3	BE3DXEAP163■316X	9.0-14.0	23970	
15	11.2	BE3DXEAP203■321	13.0-18.0	27100	
20	15	BE3DXEAP253■321X	14.0-22.0	27100	
25	18.6	BE3DXEAP253■322	18.0-25.0	27100	

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	6660	2
0.75	0.55	BE1DXEAP163■306	1.0-1.6	6660	
1.5	1.1	BE1DXEAP163■307	1.6-2.5	6660	
2	1.5	BE1DXEAP163■308	2.5-4.0	6660	
3	2.2	BE1DXEAP163■310	4.0-6.0	6660	
5	3.7	BE1DXEAP163■312	5.5-8.0	6660	
5.5	4	BE1DXEAP163■314	7.0-10.0	6660	
7.5	5.5	BE1DXEAP163■316	10.0-13.0	6660	
7.5	5.5	BE1DXEAP163■316X	9.0-14.0	6660	
12	9	BE1DXEAP203■321	13.0-18.0	7530	
12	9	BE1DXEAP253■321X	14.0-22.0	7530	
15	11	BE1DXEAP253■322	18.0-25.0	7530	
20	15	BE1DXEAP403■353	23.0-32.0	11390	
20	15	BE1DXEAP403■355	28.0-40.0	11390	

Coil voltage code for Exceed DOL & Star Delta starter

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

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

Heavy Duty DOL Starter Type DX-P with robust 4 Pole Contactor & LR1D OLR in S.S. enclosure **[HSN Code: 8536]**

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

Motor Starters

Conforming IS/IEC60947-4-1

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

Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay LR1D Range Amps	MRP (₹)	MOQ
HP	kW				
7.5	5.5	BE3DXP204■312	5.5~8.0	26010	2
12	9	BE3DXP204■314	7.0~10	26010	
15	11	BE3DXP204■316X	9~14	26010	
20	15	BE3DXP204■321	13~18	26330	
		BE3DXP254■321XH	14~22	29580	
25	18	BE3DXP254■322	18~25	29580	
30	22	BE3DXP254■353	23~32	34000	

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

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

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

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

Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
HP	kW				
0.5	0.37	LE1D173■305	0.63~1.00	5510	1
0.75	0.55	LE1D173■306	1.0~1.60	5510	
1.5	1.1	LE1D173■307	1.60~2.50	5510	
2	1.5	LE1D173■308	2.50 ~ 4.00	5510	
3	2.2	LE1D173■310	4.00 ~ 6.00	5510	
5	3.7	LE1D173■312	5.50 ~ 8.00	5510	
7.5	5.5	LE1D173■316X	9.0 ~ 14.0	5510	
12	9	LE1D253■321	13.0 ~ 18.0	11340	
15	11	LE1D253■322	18.0 ~ 25.0	11340	

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

Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
HP	kW				
0.5	0.37	BE1D1735■305	0.63~1.00	6540	1
0.75	0.55	BE1D1735■306	1.0~1.60		
1.5	1.1	BE1D1735■307	1.60~2.50		
2	1.50	BE1D1735■308	2.50~4.0		
3	2.2	BE1D1735■310	4.00~6.00		
5	3.7	BE1D1735■312	5.50~8.00		
7.5	5.5	BE1D1735■316X	9.0~14.0		
12	9	BE1D2535■321	13.0~18.0	13560	
15	11	BE1D2535■322	18.0~25.0		
20	15	BE1D3235■353	23.0~32.0	22460	
30	22	BE1D4035■355	28.0~40.0	32890	
35	25	BE1D5035■357	38.0~50.0	36690	
40	30	BE1D6335■359	48.0~57.0	42730	

Motor Starters

Conforming IS/IEC60947-4-1

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

Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
HP	kW				
0.5	0.37	BE2D1735■305	0.63~1.00	20140	1
0.75	0.55	BE2D1735■306	1.0~1.60		
1.5	1.1	BE2D1735■307	1.60~2.50		
2.0	1.5	BE2D1735■308	2.50~4.00		
3.0	2.2	BE2D1735■310	4.00~6.00		
5.0	3.7	BE2D1735■312	5.50~8.00		
5.5	4.0	BE2D1735■314	7.00~10.0		
7.5	5.5	BE2D1735■316X	9.0~14.0		
12.0	9.0	BE2D2535■321	13.0~18.0	24920	
15.0	11.0	BE2D2535■322	18.0~25.0	28010	
20.0	15.0	BE2D3235■353	23.0~32.0	41300	

Automatic Star Delta Starter with D range Contactor & robusta (F Range), LR1D OLR & Electronic Star Delta Timer **[HSN Code: 8536]**

Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
kW	HP				
3	4	BE3D1735■308	2.5~4.0	23930	1
4	5.5	BE3D1735■310	4.0~6.0		
5.5	7.5	BE3D1735■312	5.5 ~ 8.0		
9	12	BE3D1735■314	7.0 ~ 10.0		
11	15	BE3D1735■316X	9.0 ~ 14.0		
15	20	BE3D2235■321	13.0 ~ 18.0	24860	
18	25	BE3D2535■322	18.0 ~ 25.0	33690	
22	30	BE3D3235■322	18.0 ~ 25.0	56140	
25	35	BE3D3235■353	23.0 ~ 32.0		
30	40	BE3D4035■355	30.0 ~ 40.0	67590	
37	50	BE3D5035■355	30.0 ~ 40.0	90130	
51	70	BE3D6335■359	48.0 ~ 57.0	148660	
59	80	BE3D8035N 361	57.0 ~ 66.0		
75	100	BE3F115 363	66.0 ~ 80.0	182720	
90	125	BE3F115N105	65.0 ~ 105.0	217270	
110	150	BE3F150N125	80.0 ~ 125.0	224110	
132	180	☒BE3F185N160	100.0~160.0	357690	
160	220	☒BE3F185N200	125.0~200.0		
200	270	☒BE3F265N250	160.0~250.0	391220	
220	300	☒BE3F330N315	200.0~315.0	405470	
260	350	☒BE3F330S315	200.0~315.0		

Motor Starters

Conforming IS/IEC60947-4-1

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

Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
kW	HP				
3	4	BE3D1735■308SA	2.5 ~ 4	17170	1
4	5.5	BE3D1735■310SA	4 ~ 6		
5.5	7.5	BE3D1735■312SA	5.5 ~ 8		
9	12	BE3D1735■314SA	7 ~ 10		
11	15	BE3D1735■316XSA	9 ~ 14		
15	20	BE3D2535■321SA	13 ~ 18	23670	
18	25	BE3D2535■322SA	18 ~ 25		

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

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

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

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

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

Wide Band Coil available for Star Delta Starters upto 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

CS1V2 Series Starters

CS1V2 Series Starters DOL are available with contactors 16A & 25A AC3 duty.

- CS1V2, 3 Phase DOL Starters range: 1HP~7.5HP
- No Qualified Technician Required to Change Kit & Coil
- One Minute Job to Change Kit & Coil
- No iron parts - all upgraded to high grade & high temperature resistance nylon for reducing the risk of rusting

3Ø DOL Starters in SS Enclosure [HSN Code: 8536]

New

Reference	Relay Range (Amp)	Max. Motor Output at 415V, 3 Ph		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
CS1V2DO■1525NR	1.5~2.5	0.75	1	POR	6
CS1V2DO■2540NR	2.5~4	1.5	2		
CS1V2DO■4065NR	4~6.5	2.2	3		
CS1V2DO■6010NR	6~10	3.7	5		
CS1V2DO■9014NR	9~14	5.5	7.5		
CS1V2DO■1321NR	13~21	5.5	7.5		

Coil Voltage Codes■

Coil Voltage (AC) 50Hz	Voltage
	230~440 N3W

CS1 Series Starters

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

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

3Ø DOL Starters in SS Enclosure [HSN Code: 8536]

Reference	Relay Range (Amp)	Maximum Motor Output at 415V, 3 Phase		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
CS1DO■1525	1.5-2.5	0.75	1	4140	1
CS1DO■2504	2.5~4	1.5	2		
CS1DO■0406	4-6.5	3	4		
CS1DO■0610	6-10	4.5	6		
CS1DO■0914	9-14	5.5	7.5		
CS1DO■1118	11-18	5.5	7.5	4220	
CS1DO■1322	13-22	5.5	7.5	4310	
CS2DO■1322	13-22	5.5	7.5	4630	
CS2DO■2032	20~32	5.5	7.5	4740	
CS3DO■2032	20-32	5.5	7.5	4940	

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

Reference	Relay Range (Amp)	Max. Motor Output at 415V, 3 Phase		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
CS1SD■0610NR	6~10	7.5	10	14110	1
CS1SD■0914NR	9~14	9.3	12.5		
CS1SD■1118NR	11~18	11	15	14290	
CS1SD■1322NR	13~22	11	15	14410	
CS2SD■1322NR	13~22	11	15	14620	
CS2SD■2032NR	20~32	11	15	14870	
CS3SD■2032NR	20~32	16	22	15230	

3Ø DOL in S.S. Enclosure [HSN Code: 8536]

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

Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE1DXM204■307NR	1.6~2.5	0.75	1	5980	6
BE1DXM204■308NR	2.5~4	1.1/1.5	1.5/2		
BE1DXM204■310NR	4~6	2.2	3		
BE1DXM204■312NR	5.5~8	2.2	3		
BE1DXM204■314NR	7~10	3.7	5		
BE1DXM204■316XNR	9~14	3.7/4	5/5.5		
BE1DXM204■321NR	13~18	5.5	7.5	6400	
BE1DXM254■321XNR	14~22	7.5	10	6710	
BE1DXM254■322NR	18~25	10	12	6950	
BE1DXM404■353NR	23~32	11	15	9580	

Motor Starters

Conforming IS/IEC60947-4-1

3Ø Automatic Star Delta Starter in S.S Enclosure [HSN Code: 8536]

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

Reference	Relay Range (Amp)	Std. Power Rating for 3P at 415V		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3DXM204■308NR	2.5~4	1.5	2	19540	2
BE3DXM204■310NR	4~6	2.2	3		
BE3DXM204■312NR	5.5~8	3.7	5		
BE3DXM204■314NR	7~10	5.5	7.5		
BE3DXM204■316XNR	9~14	9	12		
BE3DXM204■321NR	13~18	11	15	20140	
BE3DXM254■321XNR	14~22	11	15	23060	
BE3DXM254■322NR	18~25	11	15		
BE3DXM254■353NR	23~32	15/18	20/25	24410	

3Ø Semi Automatic Star Delta Starter in S.S Enclosure [HSN Code: 8536]

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

Reference	Relay Range (Amp)	Std. Power Rating for 3P at 415V		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3DXM204■314SANR	7~10	9	12	16240	2
BE3DXM204■316XSANR	9~14	11	15		
BE3DXM204■321SANR	13~18	15	20	16740	
BE3DXM254■321XSANR	14~22	18	25	20780	
BE3DXM254■322SANR	18~25	18	25		
BE3DXM254■353SANR	23~32	22.5	30	22810	

3Ø Submersible Pump Starter Automatic Star Delta in S.S. Enclosure [HSN Code: 8536]

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

Reference	Relay (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3DXM204■307PTNR	1.6~2.5	1.5	2	19620	1
BE3DXM204■308PTNR	2.5~4	3	4		
BE3DXM204■310PTNR	4~6	4	5.5		
BE3DXM204■312PTNR	5.5~8	5.5	7.5		
BE3DXM204■316XPTNR	9~14	11	15		
BE3DXM204■321PTNR	13~18	15	20	20250	
BE3DXM254■321XPTNR	14~22	18	25	23230	
BE3DXM254■322 PTNR	18~25	18	25		
BE3DXM254■353 PTNR	23~32	22.5	30	24570	

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

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

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C&S electric

Protection Measurement & Control Devices

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

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C&S electric

AC & DC
SURGE PROTECTION DEVICE
New

Type 2, Type 1+2

Engineered to Deflect
Designed to **Protect**

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

Reference	HSN Code	Type	Voltage (Uc)		Imax	Pole	MRP (₹)	Std. Pkg. (Nos)
CSPDT2385AC1PN	8536	Type2	AC	385V	40kA	1P+N	2340	2
CSPDT2385AC3PN	8536			385V	40kA	3P+N	3070	1
CSPDT2600DC2P	8536	Type2	DC	600V	40kA	2P	2340	2
CSPDT21000DC3P	8536			1000V	40kA	3P	3070	1
CSPDT21500DC3P	8536			1500V	40kA	3P	4140	1
CSPDT120385AC1PN	8536	Type 1+2	AC	385V	50kA	1P+N	7980	2
CSPDT120385AC3PN	8536			385V	50kA	3P+N	14500	1
CSPDT120880AC3P	8536			880V	50kA	3P	14700	2
CSPDT121300AC3P	8536			1300V	50kA	3P	15860	2
CSPDT1290011DC3P	8536	Type 1+2	DC	900V	50kA	3P	8320	2
CSPDT1215005DC3P	8536			1500V	50kA	3P	8830	2
CSPDT121500125DC3P	8536			1500V	50kA	3P	21760	1
CSPDET2320AC1PN	8536	Type2	DC	320V	40kA	1P+N	2000	2
CSPDET2600DC2P	8536	Type2	DC	600V	40kA	2P	2000	2

SPD Type2 - Ordering Information

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

NOTE: * is only for Type2 AC SPD

SPD Type1+2 - Ordering Information

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

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

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METERING SOLUTIONS

New

Basic Meter

DC Energy Meter

Energy Meter

Multifunction Meter

Power Quality Analyser

Features

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

Branch Circuit Power monitor

BASIC METERS

Reference	Description	HSN Code	MRP (₹)
CSM1V1	Single Phase Voltmeter, Class 1.0, AUX 80-300V AC/DC	9030	1510
CSM1A1	Single Phase Ammeter, Class 1.0, 5A, AUX 80-300V AC/DC	9030	1510
CSM3V1	Three Phase Voltmeter, Class 1.0, AUX 80-300V AC/DC	9030	2280
CSM3A1	Three Phase Ammeter, Class 1.0, AUX 80-300V AC/DC	9030	2510
CSM1V05	Single Phase Voltmeter, Class 0.5 AUX 80-300V AC/DC	9030	1940
CSM1A05	Single Phase Ammeter,Class 0.5, AUX 80-300V AC/DC	9030	1940
CSMFM02	Frequency Meter, Class 0.2, AUX 80-300V AC/DC	9030	2030
CSM3V05	Three Phase Voltmeter,Class 0.5, AUX 80-300V AC/DC	9030	2510
CSM3A05	Three Phase Ammeter, Class 0.5, AUX 80-300V AC/DC	9030	2520
CSM3VAF1	VAF Meter, Class 1.0, 5A Inbuilt (3 Rows), AUX 80-300V AC/DC	9030	2940
CSM3VAF05	VAF Meter, Class 0.5, 5A Inbuilt (3 Rows), AUX 80-300V AC/DC	9030	3230

DC ENERGY METER

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

Basic Meter - Ordering Information

CSM	1	V	1
Meter Series	**1** - Single Phase **3** - Three Phase **Blank** - Frequency Meter	**V** - Voltmeter **A** - Ammeter **VAF** - VAF meter **FM** - Frequency Meter **DCE** - DC Energy meter	**1** - Class1 **02** - Class0.2* **05** - Class0.5

NOTE: *is only for Frequency Meter

C&S electric

Protection, Measurement & Control Devices

ENERGY METER

Reference	Description	HSN Code	MRP (₹)
CSMEM1	Energy Meter,Class 1.0,User selectable any one parameters from VAF or Kw or PF or KVA or Kwh (Single Row LED)	9030	4060
CSMEM1-C	Energy Meter,Class 1.0,RS485, User selectable any one parameters from VAF or Kw or PF or KVA or Kwh (Single Row LED)	9030	5040
CSMEM05	Energy Meter,Class 0.5, User selectable any one parameters from VAF or Kw or PF or KVA or Kwh (Single Row LED)	9030	5000
CSMEM05-C	Energy Meter,Class 0.5,RS485, User selectable any one parameters from VAF or Kw or PF or KVA or Kwh (Single Row LED)	9030	5630
CSKWH1CT	Energy Meter,Class 1.0, 5A Inbuilt, Counter type	9030	5250

MULTIFUNCTION METER

Reference	Description	HSN Code	MRP (₹)
CSMFM1-C	MFM,Class 1.0,RS485, AVF, PF, KW, KVA , KWh / KVAh (Any one),Load Hours, ON Hours, OLD Energy - 3Rows LED	9030	8640
CSMFM05-C	MFM,Class 0.5,RS485, AVF, PF, KW, KVA , KWh / KVAh (Any one)Load Hours, ON Hours, OLD Energy- 3Rows LED	9030	9090
CSMMFM15D-C	MFM, Class 1.0, RS 485 , AVF, PF, KW, KVA, KWh, KVAh, Load Hours, ON Hours, 100A Direct 5 Module DIN Mount Single row LCD	9030	9700
CSMMFM1D-C	MFM, Class 1.0 , RS 485, Single Phase , AVF, PF, KW, KVA, KWh, KVAh, Load Hours,ON Hours, CO2, 2 Module DIN Mount), 100A Direct measurement	9030	6110
CSMMFM1LM-C	MFM, Class 1.0,RS485, AVF, PF, KW, KVA, KWh, KVAh, KVRh, Import energy, - 4 Rows LEDLoad Hours, ON Hours, No of Interrupts, THD V&A, Hi-Low recordings	9030	12550
CSMMFM05LM-C	MFM, Class 0.5,RS485, AVF, PF, KW, KVA, KWh, KVAh, KVRh, Import energy, - 4 Rows LED,Load Hours, ON Hours, No of Interrupts, THD V&A,Hi-Low recordings	9030	14390
CSMMFM1DMC-C	MFM, Class 1.0,RS485, AVF, PF, KW, KVA, KWh, KVAh, KVRh, Import energy, - 4 ROws LED,Load Hours, ON Hours, no of Interrupts, THD V&A, Hi-Low recordings, 4 relay demand controller with TOD	9030	36250
CSMMFM05DMC-C	MFM, Class 0.5s,RS485, AVF, PF, KW, KVA, KWh, KVAh, KVRh, Import energy, - 4 ROws LEDLoad Hours, ON Hours, no of Interrupts, THD V&A, Hi-Low recordings, 4relay demand controller with TOD	9030	42250

POWER MONITOR

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

POWER QUALITY ANALYSER

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

BRANCH CIRCUIT POWER MONITOR

Reference	Description	HSN Code	MRP (₹)
CSlink32A	ET5030D11500 - different variants -32A	9030	56880
CSlink50A	ET5030D11500 - different variants -50A	9030	61250

Multifunction, Energy Meter - Ordering Information

CSM	MFM	1	D	-C
Meter Series	**MFM** - Multifunction Meter **EM** - Energy Meter **MFMPN** - Power monitor **MFMPQ** - Power Quality Analyser	**1** - Class1 **05** - Class0.5 **02** - Class0.2 **0.05S** - Class0.5S* **0.02S** - Class0.2S**	**D** - Din mounted **LM** - Load Manager **DMC** - Demand Controller **Blank** - Power Monitor & Power Quality Analyser	**-C** - Inbuilt Communication

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

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ALARM ANNUNCIATOR

Key Features

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

Alarm Annunciator

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

No of Window	Reference	Window Size (mm)	HSN Code	MRP (₹)
4	CSAN041D-■	30 x 65	9030	4650
6	CSAN061D-■	30 x 30	9030	6970
8	CSAN081D-■	30 x 30	9030	9290
10	CSAN102D-■	30 x 65 (2 W)	9030	10360
12	CSAN122D-■	30 x 30 (8 W) 30 x 65 (4 W)	9030	12430
16	CSAN162D-■	30 x 30	9030	16580
20	CSAN203D-■	30 x 30 (16 W) 30 x 65 (4 W)	9030	20720
24	CSAN243D-■	30 x 30	9030	24860
28	CSAN284D-■	30 x 30 (24 W) 30 x 65 (4 W)	9030	29010
32	CSAN324D-■	30 x 30	9030	33150
36	CSAN365D-■	30 x 30 (32 W) 30 x 65 (4 W)	9030	37300
40	CSAN405D-■	30 x 30	9030	41440
48	CSAN486D-■	30 x 30	9030	49730
64	CSAN648D-■	30 x 30	9030	66310

Alarm Annunciator - Ordering Information

CSAN

Alarm Annunciator

Windows

4, 6, 8
6, 8, 10, 12, 14, 16
12, 18, 20, 24
16, 28, 32
20, 36, 40
24, 48
32, 64

Window Size

(W × H in mm)		Applicable No. of Windows
1D	68 × 138 mm	4, 6, 8
2D	138 × 138 mm	8, 10, 12, 14, 16
3D	210 × 138 mm	12, 18, 20, 24
4D	282 × 138 mm	16, 28, 32
5D	355 × 138 mm	20, 36, 40
6D	428 × 138 mm	24, 48
8D	565 × 138 mm	32, 64

Power Supply

- **U** Auxiliary Supply: 90–270 VAC / VDC
- **D** Auxiliary Supply: 20/60 VDC
- **B*** Auxiliary Supply: 90–270 VAC / VDC + Standby Supply: 20–60 VDC
- **C*** Auxiliary Supply: 90–270 VAC / VDC + Standby Supply: 90–270 VAC / VDC

Example Product Ordering Codes

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

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

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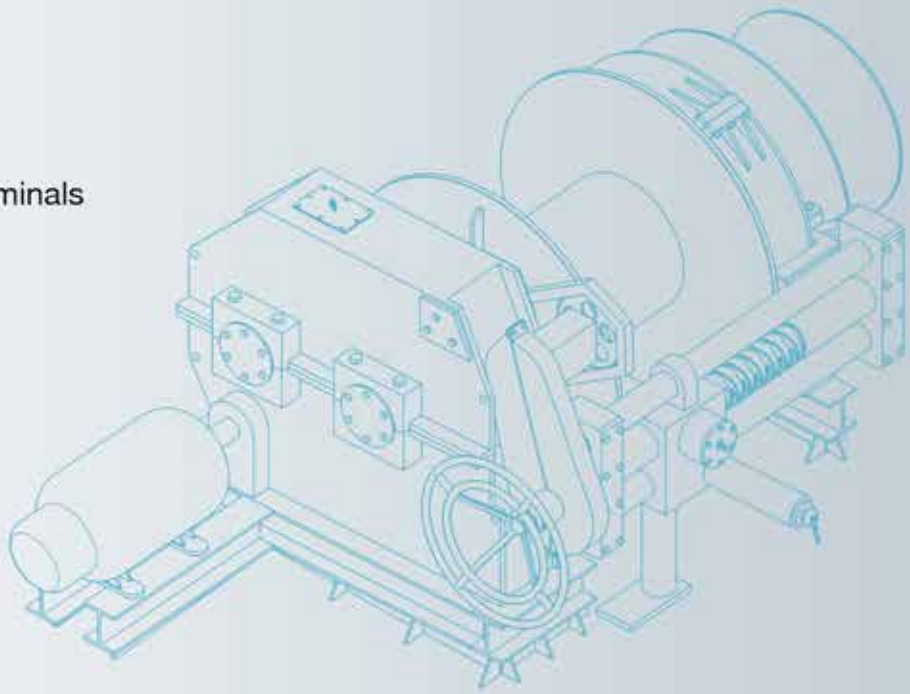
C&S electric

POWER CAPACITOR

Key Features

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



Power Capacitor

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

Standard Duty

- Over current withstand capacity: 1.3 times of rated current
- In-rush current: 150xIn
- Temperature: -25°C to + 55°C
- Operating hours: up to 100,00

kVAR Rating - 440V	Reference	MRP (₹) Per kVAR	MOQ
1	CSCAPSD001440	380	36N
2.5	CSCAPSD025440		
3	CSCAPSD003440		50N
4	CSCAPSD004440		
5	CSCAPSD005440		16N
7.5	CSCAPSD075440		
10	CSCAPSD10440	300	
12.5	CSCAPSD125440		
15	CSCAPSD15440		9N
20	CSCAPSD20440		
25	CSCAPSD25440		
30	CSCAPSD30440		
40	CSCAPSD40440		8N
50	CSCAPSD50440		

Heavy Duty

- Over current withstand capacity: 2.0 times of rated current
- In-rush current: 300xIn
- Temperature: -25°C to + 70°C
- Operating hours: up to 150000

kVAR Rating - 480V	Reference	MRP (₹) Per kVAR	MOQ
1	CSCAPHD001480	480	36N
2.5	CSCAPHD025480		
3	CSCAPHD003480		50N
4	CSCAPHD004480		
5	CSCAPHD005480		16N
7.5	CSCAPHD075480		
10	CSCAPHD10480	460	
12.5	CSCAPHD125480		
15	CSCAPHD15480		9N
20	CSCAPHD20480	430	
25	CSCAPHD25480		
30	CSCAPHD30480		
40	CSCAPHD40480		8N
50	CSCAPHD50480		

Power Capacitor

Super Heavy Duty

- Over current withstand capacity: 2.5 times of rated current
- In-rush current: 500xIn
- Temperature: up to 80°C
- Operating hours: up to 200000

kVAR Rating - 525V	Reference	MRP (₹) Per kVAR	MOQ
1	CSCAPSHD001525	608	36N
2.5	CSCAPSHD025525		
3	CSCAPSHD003525		50N
4	CSCAPSHD004525		
5	CSCAPSHD005525		16N
7.5	CSCAPSHD075525		
10	CSCAPSHD10525	510	
12.5	CSCAPSHD125525		
15	CSCAPSHD15525		9N
20	CSCAPSHD20525	470	
25	CSCAPSHD25525		
30	CSCAPSHD30525		
33.1	CSCAPSHD331525		
40	CSCAPSHD40525		8N
50	CSCAPSHD50525		

Power Capacitor - Ordering Information

CSCAP | **SD** | **001** | **440**

Capacitor

SD	Standard Duty
HD	Heavy Duty
SHD	Super Heavy Duty

001	1kVAr
025	2.5kVAr
003	3kVAr
004	4kVAr
005	5kVAr
075	7.5kVAr
10	10kVAr Lorem ipsum
125	12.5kVAr
15	15kVAr
20	20kVAr
25	25kVAr
30	30kVAr
331****	33.1kVAr
40	40kVAr
50	50kVAr

440*	- 440V
480**	- 480V
525***	- 525V

NOTE:

* is only available for SD

** is only available for HD

*** is only available for SHD

**** is only available for SHD

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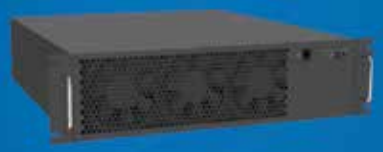
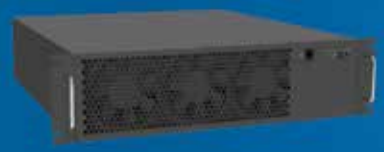
C&S electric

MITIGATE YOUR POWER QUALITY ISSUES

New



APF
Reduce Network losses
Reduce Hazardous & failure



AVG
Improved Power Factor
Enhanced capacity utilization
Optimised voltage stability

Reactor
Eliminates Harmonic Amplification
Reduce overheating of Transformer
Prolonged power factor capacity

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

TSM
Save operational cost.
High accuracy
Eliminates inrush current.

Power Factor controller for Capacitor Switching

Single CT-Sensing

Features

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

Description	Reference	HSN Code	MRP (₹)
Single CT Input Controller (LED based)			
6 Stage APFC Controller with Single CT Input	CSPF-100-R06-110	85381010	15330
8 Stage APFC Controller with Single CT Input	CSPF-100-R08-110	85381010	18160
12 Stage APFC Controller with Single CT Input	CSPF-100-R12-110	85381010	20730
Single CT Input Controller (LCD based)			
6 Stage APFC Controller with Single CT Input	CSPF-200-R06-220	85381010	20440
8 Stage APFC Controller with Single CT Input	CSPF-200-R08-220	85381010	22400
12 Stage APFC Controller with Single CT Input	CSPF-200-R12-220	85381010	24510

Three CT-Sensing

Features

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

Reference	Description	Steps	HSN Code	MRP (₹)	Std. Pkg. (Nos.)
CS3PFC-96-R6	Controller for Capacitor switching with 3P-3CT	6	8538	23680	1
CS3PFC-96-R8		8	8538	25960	
CS3PFC-96-R12		12	8538	35640	
CS3PFC-96-R6-C	Controller for Capacitor switching with 3P-3CT, RS485, Alarm contact	6	8538	24460	1
CS3PFC-96-R8-C		8	8538	26750	
CS3PFC96-R12-C		12	8538	38700	

Power Factor Controller For Capacitor & Shunt Reactor Switching

Features

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

Reference	Description	Steps	HSN Code	MRP (₹)	Std. Pkg. (Nos.)
CS3PFCR-144-R8	Controller for Capacitor & Shunt Reactor switching with 3P-3CT	8	8538	32280	1
CS3PFCR-144-R12		12	8538	38540	
CS3PFCR-144-R16		16	8538	38210	
CS3PFCR-144-R8-C	Controller for Capacitor & Shunt Reactor switching with 3P-3CT , RS485, Alarm	8	8538	36230	1
CS3PFCR-144-R12-C		12	8538	42830	
CS3PFCR-144-R16-C		16	8538	54030	

DETUNED REACTOR (HD REACTOR, 7% IPOO)

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

THYRISTOR SWITCHING MODULE

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

AVG

Features

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

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

APF

Features

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

Active Power Filter - Rack mountable

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

Active Power Filter - Wall mountable

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

EOR
ELECTRONIC OVERLOAD RELAY
'Solution for Precise Protection'

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

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

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

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

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

CSPMC 4.0
- Integrated metering, protection, control and communication
- Voltage & Current based protection
- Unique Modular Design on 35mm DIN Rail mounting
- Display module for local monitoring and configuration
- Detailed operating, service and diagnostic data
- Remote monitoring and control over communication
- Different Start control mode Aux Supply: 90-264V AC/DC
- Pluggable terminals easy to install and maintenance
- Overall dimension - Display module (HxWxD): 70x100x38mm
- Main module (HxWxD): 112x67.5x78mm

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

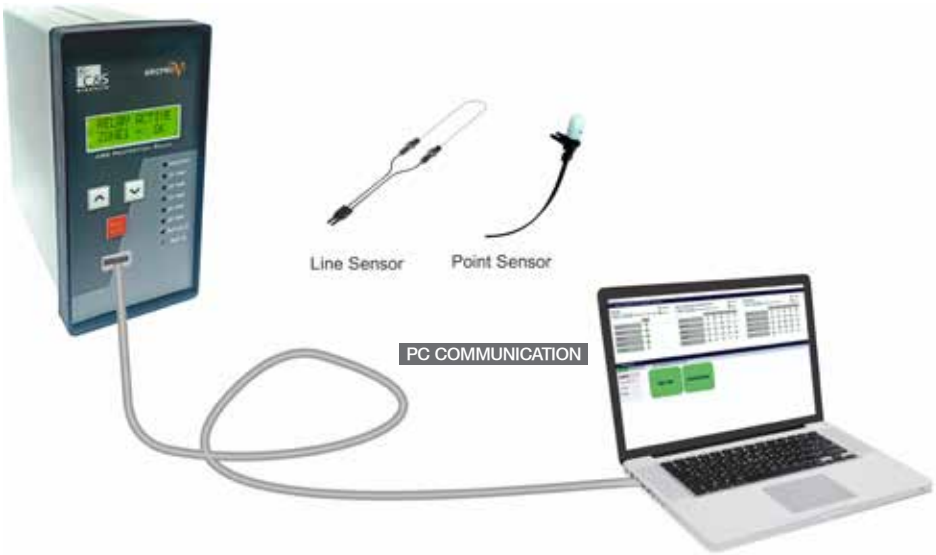
ARCPRO V1

ARC Protection Relay

Arc Protection Solution

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

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



Electronic Motor Protection Relay

Models

mPRO200, mPRO100, mPRO90, mPRO 50

Protection

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

Features

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

mPRO200

Description	Reference	Current Range (A)	HSN Code	MRP (₹)
MPRO-200, Rated current range (5-60A), with internal residual calculation, Aux supply (190-260V AC)	MPRO-200-60-E-00-H-V2	5.0~60	85364900	23610
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	23610
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	23610
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	23610
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	29510
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	29510
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	29510
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	29510
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	30990
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	30990
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	59010
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	42800
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	42800
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	42800
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	29510
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	29510
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	59010
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	59010
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	29510
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	59010
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	42800
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	42800
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	30990
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	30990
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	37630
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	42800

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	21390
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	21390
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	21390
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	21390
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	29510
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	36150
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	36150
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	33940
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	29510
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	30990
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	32460
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	33940
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	29510
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	30990
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	32460
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	33940
MPRO-90, External CT1 Rated current Range (0.2-10A), with internal residual calculation	MPRO-90-CT1-E	0.2~10	85364900	12980
MPRO-90, External CT2 Rated current Range (0.8-25A), with internal residual calculation	MPRO-90-CT2-E	0.8~25	85364900	12980
MPRO-90, External CT3 Rated current Range (2-62.5A), with internal residual calculation	MPRO-90-CT3-E	2.0~62.5	85364900	13730
MPRO-90, External CT4 Rated current Range (4-125A), with internal residual calculation	MPRO-90-CT4-E	4.0~125	85364900	16240
MPRO-90, External CT5 Rated current Range (8-250A), with internal residual calculation	MPRO-90-CT5-E	8.0~250	85364900	20660
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	27310
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	27310
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	28030
MPRO-90, External CT4 Rated current Range (4-125A), with internal residual calculation, star-Delta	MPRO-90-CT4-E-SDT	4.0~125	85364900	30990
MPRO-90, External CT5 Rated current Range (8-250A), with internal residual calculation, Star-Delta	MPRO-90-CT5-E-SDT	8.0~250	85364900	35430

ACCESSORIES

Description	Reference	HSN Code	MRP (₹)
Current Transformer Ratio 100/5A, Burden 5VA, Cl.1.0	3-CT-100/5	85043100	6100
Current Transformer Ratio 200/5A, Burden 5VA, Cl.1.0	3-CT-200/5	85043100	6100
Current Transformer Ratio 300/5A, Burden 5VA, Cl.1.0	3-CT-300/5	85043100	7600
Current Transformer Ratio 400/5A, Burden 5VA, Cl.1.0	3-CT-400/5	85043100	7600
Current Transformer Ratio 500/5A, Burden 5VA, Cl.1.0	3-CT-500/5	85043100	10770
Current Transformer Ratio 600/5A, Burden 5VA, Cl.1.0	3-CT-600/5	85043100	10770

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/ Earth fault

Features

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

Description	Reference	Current Range (A)	HSN Code	MRP (₹)
Relay CSMPA-80-3SR,80A,100-260VAC	CSMPA-80-3SR,80A,100-260VAC	16~80	85364900	
Relay CSMPA-40-3SR,40A,100-260VAC	CSMPA-40-3SR,40A,100-260VAC	8.0~40	85364900	
Relay CSMPA-40-3SR,20A,100-260VAC	CSMPA-40-3SR,20A,100-260VAC	4.0~20	85364900	
Relay CSMPA-22-3SR,22A,100-260VAC	CSMPA-22-3SR,22A,100-260VAC	4.4~22	85364900	
Relay CSMPA-22-3SR,5A,100-260VAC	CSMPA-22-3SR,5A,100-260VAC	1.0~5	85364900	
Relay CSMPA-22-3SR,1.5A,100-260VAC	CSMPA-22-3SR,1.5A,100-260VAC	0.3~1.5	85364900	
Relay CSMPM-06i-S (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-06I-S(2A+1B)AC/DC85-260V 50/60HZ	0.5~6.0	85364900	
Relay CSMPM-06i-SE (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-06I-SE(2A+1B)AC/DC85-260V 50/60HZ	0.5~6.0	85364900	
Relay CSMPM-06i-SI (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-06I-SI(2A+1B)AC/DC85-260V 50/60HZ	0.5~6.0	85364900	
Relay CSMPM-06i-SM (2a+1b) AC/DC85-60V 50/60Hz	CSMPM-06I-SM(2A+1B)AC/DC85-60V 50/60HZ	0.5~6.0	85364900	
Relay CSMPM-06i-SZ (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-06I-SZ(2A+1B)AC/DC85-260V 50/60HZ	0.5~6.0	85364900	
Relay CSMPM-06i-SZIA (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-06I-SZIA(2A+1B)AC/DC85-260V50/60HZ	0.5~6.0	85364900	
Relay CSMPM-65i-S (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65I-S(2A+1B)AC/DC85-260V 50/60HZ	5.0~65	85364900	
Relay CSMPM-65i-SE (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65I-SE(2A+1B)AC/DC85-260V 50/60HZ	5.0~65	85364900	POR
Relay CSMPM-65i-SI (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65I-SI(2A+1B)AC/DC85-260V 50/60HZ	5.0~65	85364900	
Relay CSMPM-65i-SM (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65I-SM(2A+1B)AC/DC85-260V 50/60HZ	5.0~65	85364900	
Relay CSMPM-65i-SZ (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65I-SZ(2A+1B)AC/DC85-260V 50/60HZ	5.0~65	85364900	
IMC-IIIM4852MAC110V50/60Hz	IMC-III-M485-2-MAC110V50/60Hz	6 / 60	85364900	
Relay IMP-CNOAC/DC85-245V	IMP-C-NO AC/DC85-245V	10 / 100	85364900	
Relay IMP-CA420AC/DC85-245V	IMP-C-A420 AC/DC85-245V	10 / 100	85364900	
Relay IMP-C-M485-AC/DC 85-245-40/60	IMP-C-M485-AC/DC 85-245-40/60	10 / 100	85364900	
Relay CSMPA-60-T,6A,220VAC	CSMPA-60-T,6A,220VAC	0.5~6.0	85364900	
Relay CSMPA-60-T,60A,220VAC	CSMPA-60-T,60A,220VAC	5.0~60	85364900	
Relay CSMPA-60-T,60A,110VAC	CSMPA-60-T,60A,110VAC	s5.0~60	85364900	
Relay CSMPA-60-T,6A,110VAC	CSMPA-60-T,6A,110VAC	0.5~6.0	85364900	
Relay CSMPA-60-T,60A,415VAC	CSMPA-60-T,60A,415VAC	5.0~60	85364900	
Relay CSMPA-60-T,6A,415VAC	CSMPA-60-T,6A,415VAC	0.5~60	85364900	

ACCESSORIES

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

ELR - Earth Leakage Relay

Models
ELR 1.0, ELR 3.0

Protection & Features

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

ELR 1.0

ELR 3.0

Description	Reference		HSN Code	MRP (₹)
Earth Leakage Relay ELR1.0 protection series, LED display with panel front mounting, current range (30mA-3A), Aux Supply (85-280V AC / 95-280V DC), CBCT Type Circular, ID 120 mm with plastic casing	ELR1.0-S-03-W-C120	30mA~3A	85364900	9160
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	14090
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	17610
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	7040
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	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 92 mm with plastic casing	ELR-1.0-S-03-W-C90	30mA~3A	85364900	7750
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	21120
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	9160
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	7750
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	17610

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	29580
Relay EC-RXA_V2	EC-RXA_V2	85364900	17960
Relay EGA-250-0	EGA-250-0	85364900	21120
Relay EC2(VER 2.10)	EC2-V2.10	85364900	29580
AMF Relay CD2.0 with MPU	AMF RELAY CD2.0 WITH MPU	85364900	23240
AMF Relay CD 5.0	AMF Relay CD 5.0	85364900	63380
Relay DG Synchronizer Relay CD5.0 with RS485/Ethernet	DG SYNC RELAY CD5.0 RS485/ETHERNET	85364900	212690
Relay EGC-250-0	EGC-250-0	85364900	22550

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	10850
Monitoring relays - ENYA series, Voltage monitoring in 3- and 1-phase mains	E1YM400VS10 (1340405H)	85364900	6700
Monitoring relays - GAMMA series, AC/DC current monitoring in 1-phase mains	G2IM10AL20,24-240V (2390410)	85364900	33800
ENYA series-Multifunction Timer,Up to 7 functions,7 time ranges,Wide input voltage range	E1ZM10 12-240VAC/DC	85364900	11270
Monitoring relays - ENYA series, Tripping unit for temperature monitoring	E3TF01 230VAC	85364900	18320
Monitoring relays - ENYA series - AC/DC current monitoring in 1-phase mains	E3IM10AL20,230VAC (1341200)	85364900	28450
ENYA series, Timers - Multifunctional,Up to 7 functions,7 time ranges,Wide input voltage range	E1ZMQ10,24-240VAC/DC	85364900	11270
ENYA series- Timers - Asymmetric flasher	E1ZI10 12-240VAC/DC	85364900	11270
Monitoring relays - GAMMA series,Voltage monitoring in 3-phase mains	G2PM690VSY20	85364900	35220
Monitoring relays - GAMMA series, Voltage monitoring in 3-phase mains	G2PM400VSY20(2390504)	85364900	26060
Monitoring relays - GAMMA series,a.c./d.c. current monitoring in 1-phase mains	G2IM5AL20,24-240V	85364900	33800
Monitoring relays - GAMMA series, a.c./d.c. current monitoring in 1-phase mains	G2IM10AL20 24-240V AC/DC	85364900	33800
Monitoring Relays-TR Series	TR2-400VAC(282117)	85364900	3380

CSTSM-WD (Wired Temperature Sensor)

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

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

CSTSM-WL (Wireless Temperature Sensor)

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

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

ORDERING INFORMATION

CSTSM	WD	-	XX	-	X	-	XX	-	XX

DISPLAY MODULE
DN : Without Display module
DB : With 12x2 Basic Display module

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

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

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

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

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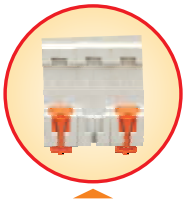
C&S electric

Final Power Distribution Components

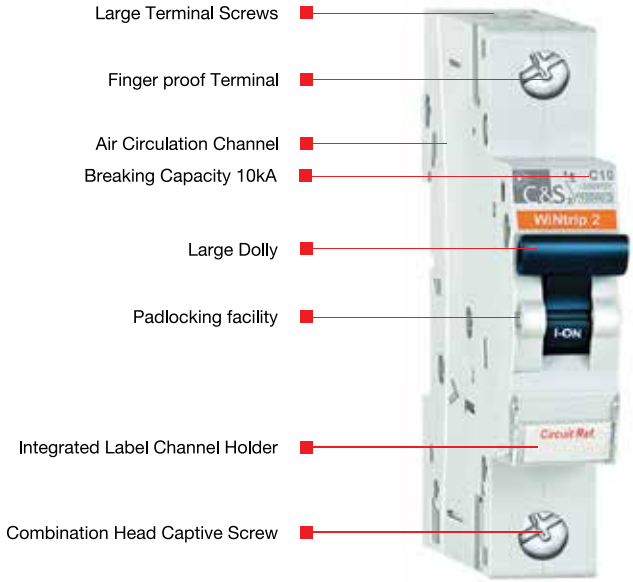
Miniature Circuit Breakers ■ Residual Current Circuit Breakers
RCBOs ■ Isolators ■ MCB Type Changeover Switches ■ ACCLs
Distribution Boards ■ Smart Distribution Boards ■ Cable End Boxes
Plugs & Socket DBs ■ MCB Enclosures

WiNtrip2 Miniature Circuit Breaker



Two stage easy snapping device for Din Rail Mounting

Bi-connect terminals for Cable and Busbar



B-Series

Lighting & Distribution with no Surge Current

[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
6	CSMBS1B6	320	12
10	CSMBS1B10	320	
16	CSMBS1B16	320	
20	CSMBS1B20	320	
25	CSMBS1B25	320	
32	CSMBS1B32	320	
40	CSMBS1B40	740	
50	⊠CSMBS1B50	840	
63	CSMBS1B63	840	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
6	CSMBS3B6	1750	4
10	CSMBS3B10	1750	
16	CSMBS3B16	1750	
20	CSMBS3B20	1750	
25	CSMBS3B25	1750	
32	CSMBS3B32	1750	
40	CSMBS3B40	2600	
50	⊠CSMBS3B50	2600	
63	CSMBS3B63	2600	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole + N			
6	CSMBS1B6N	1050	6
10	CSMBS1B10N	1050	
16	CSMBS1B16N	1050	
20	CSMBS1B20N	1050	
25	CSMBS1B25N	1050	
32	CSMBS1B32N	1050	
40	CSMBS1B40N	1530	
50	⊠CSMBS1B50N	1730	
63	CSMBS1B63N	1730	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole + N			
6	⊠CSMBS3B6N	2280	3
10	⊠CSMBS3B10N	2280	
16	CSMBS3B16N	2280	
20	⊠CSMBS3B20N	2280	
25	⊠CSMBS3B25N	2280	
32	CSMBS3B32N	2280	
40	CSMBS3B40N	3050	
50	⊠CSMBS3B50N	3380	
63	CSMBS3B63N	3380	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
6	CSMBS2B6	1170	6
10	CSMBS2B10	1170	
16	CSMBS2B16	1170	
20	CSMBS2B20	1170	
25	CSMBS2B25	1170	
32	CSMBS2B32	1170	
40	CSMBS2B40	1640	
50	⊠CSMBS2B50	1910	
63	CSMBS2B63	1910	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
6	⊠CSMBS4B6	2520	3
10	⊠CSMBS4B10	2520	
16	⊠CSMBS4B16	2520	
20	⊠CSMBS4B20	2520	
25	⊠CSMBS4B25	2520	
32	CSMBS4B32	2520	
40	CSMBS4B40	3310	
50	CSMBS4B50	3530	
63	CSMBS4B63	3530	

⊠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	560	12
1	CSMBS1C1	560	
2	CSMBS1C2	560	
3	⊠CSMBS1C3	560	
4	CSMBS1C4	560	
5	⊠CSMBS1C5	560	
6	CSMBS1C6	330	
10	CSMBS1C10	330	
16	CSMBS1C 16	330	
20	CSMBS1C20	330	
25	CSMBS1C25	330	
32	CSMBS1C32	330	
40	CSMBS1C40	800	
50	⊠CSMBS1C50	850	
63	CSMBS1C63	850	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
0.5	⊠CSMBS3C0.5	2300	4
1	⊠CSMBS3C1	2300	
2	CSMBS3C2	2300	
3	⊠CSMBS3C3	2300	
4	⊠CSMBS3C4	2300	
5	CSMBS3C5	2300	
6	CSMBS3C6	1840	
10	CSMBS3C10	1840	
16	CSMBS3C16	1840	
20	CSMBS3C20	1840	
25	CSMBS3C25	1840	
32	CSMBS3C32	1840	
40	CSMBS3C40	2730	
50	CSMBS3C50	2850	
63	CSMBS3C63	2850	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole + N			
0.5	CSMBS1C0.5N	1580	6
1	⊠CSMBS1C1N	1580	
2	⊠CSMBS1C2N	1580	
3	⊠CSMBS1C3N	1580	
4	CSMBS1C4N	1580	
5	CSMBS1C5N	1580	
6	⊠CSMBS1C6N	1120	
10	CSMBS1C10N	1120	
16	CSMBS1C16N	1120	
20	CSMBS1C20N	1120	
25	⊠CSMBS1C25N	1120	
32	CSMBS1C32N	1120	
40	⊠CSMBS1C40N	1620	
50	⊠CSMBS1C50N	1830	
63	CSMBS1C63N	1830	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole + N			
0.5	CSMBS3C0.5N	2990	3
1	CSMBS3C1N	2990	
2	⊠CSMBS3C2N	2990	
3	CSMBS3C3N	2990	
4	CSMBS3C4N	2990	
5	CSMBS3C5N	2990	
6	CSMBS3C6N	2350	
10	⊠CSMBS3C10N	2350	
16	CSMBS3C16N	2350	
20	CSMBS3C20N	2350	
25	CSMBS3C25N	2350	
32	CSMBS3C32N	2350	
40	CSMBS3C40N	3190	
50	⊠CSMBS3C50N	3390	
63	CSMBS3C63N	3390	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
0.5	CSMBS2C0.5	1630	6
1	⊠CSMBS2C1	1630	
2	CSMBS2C2	1630	
3	⊠CSMBS2C3	1630	
4	CSMBS2C4	1630	
5	CSMBS2C5	1630	
6	CSMBS2C6	1170	
10	CSMBS2C10	1170	
16	CSMBS2C16	1170	
20	CSMBS2C20	1170	
25	CSMBS2C25	1170	
32	CSMBS2C32	1170	
40	CSMBS2C40	1730	
50	⊠CSMBS2C50	1950	
63	CSMBS2C63	1950	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
0.5	CSMBS4C0.5	3180	3
1	CSMBS4C1	3180	
2	⊠CSMBS4C2	3180	
3	CSMBS4C3	3180	
4	⊠CSMBS4C4	3180	
5	CSMBS4C5	3180	
6	CSMBS4C6	2600	
10	CSMBS4C10	2600	
16	CSMBS4C16	2600	
20	CSMBS4C20	2600	
25	CSMBS4C25	2600	
32	CSMBS4C32	2600	
40	CSMBS4C40	3560	
50	CSMBS4C50	3690	
63	CSMBS4C63	3690	

⊠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	640	12
1	CSMBS1D1	640	
2	⊠CSMBS1D2	640	
3	CSMBS1D3	640	
4	CSMBS1D4	640	
5	CSMBS1D5	640	
6	⊠CSMBS1D6	530	
10	⊠CSMBS1D10	530	
16	⊠CSMBS1D16	530	
20	⊠CSMBS1D20	530	
25	⊠CSMBS1D25	530	
32	⊠CSMBS1D32	530	
40	CSMBS1D40	890	
50	CSMBS1D50	1010	
63	CSMBS1D63	1010	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
0.5	CSMBS3D0.5	2580	4
1	CSMBS3D1	2580	
2	CSMBS3D2	2580	
3	CSMBS3D3	2580	
4	CSMBS3D4	2580	
5	CSMBS3D5	2580	
6	⊠CSMBS3D6	2040	
10	CSMBS3D10	2040	
16	⊠CSMBS3D16	2040	
20	⊠CSMBS3D20	2040	
25	⊠CSMBS3D25	2040	
32	⊠CSMBS3D32	2040	
40	⊠CSMBS3D40	3080	
50	CSMBS3D50	3190	
63	⊠CSMBS3D63	3190	

1 Pole + N			
0.5	CSMBS1D0.5N	1620	6
1	CSMBS1D1N	1620	
2	CSMBS1D2N	1620	
3	CSMBS1D3N	1620	
4	CSMBS1D4N	1620	
5	CSMBS1D5N	1620	
6	CSMBS1D6N	1280	
10	CSMBS1D10N	1280	
16	CSMBS1D16N	1280	
20	CSMBS1D20N	1280	
25	CSMBS1D25N	1280	
32	⊠CSMBS1D32N	1280	
40	CSMBS1D40N	1910	
50	CSMBS1D50N	2040	
63	⊠CSMBS1D63N	2040	

3 Pole + N			
0.5	CSMBS3D0.5N	3320	3
1	CSMBS3D1N	3320	
2	CSMBS3D2N	3320	
3	CSMBS3D3N	3320	
4	CSMBS3D4N	3320	
5	CSMBS3D5N	3320	
6	CSMBS3D6N	3030	
10	CSMBS3D10N	3030	
16	⊠CSMBS3D16N	3030	
20	CSMBS3D20N	3030	
25	⊠CSMBS3D25N	3030	
32	⊠CSMBS3D32N	3030	
40	CSMBS3D40N	3350	
50	CSMBS3D50N	3510	
63	⊠CSMBS3D63N	3510	

2 Pole			
0.5	⊠CSMBS2D0.5	1730	6
1	CSMBS2D1	1730	
2	⊠CSMBS2D2	1730	
3	CSMBS2D3	1730	
4	⊠CSMBS2D4	1730	
5	CSMBS2D5	1730	
6	⊠CSMBS2D6	1370	
10	⊠CSMBS2D10	1370	
16	⊠CSMBS2D16	1370	
20	⊠CSMBS2D20	1370	
25	⊠CSMBS2D25	1370	
32	⊠CSMBS2D32	1370	
40	CSMBS2D40	1990	
50	CSMBS2D50	2080	
63	⊠CSMBS2D63	2080	

4 Pole			
0.5	CSMBS4D0.5	3390	3
1	CSMBS4D1	3390	
2	CSMBS4D2	3390	
3	CSMBS4D3	3390	
4	CSMBS4D4	3390	
5	CSMBS4D5	3390	
6	CSMBS4D6	3120	
10	CSMBS4D10	3120	
16	⊠CSMBS4D16	3120	
20	CSMBS4D20	3120	
25	CSMBS4D25	3120	
32	CSMBS4D32	3120	
40	⊠CSMBS4D40	3780	
50	CSMBS4D50	4160	
63	⊠CSMBS4D63	4160	

⊠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	650	12
1	CSMBS1K1	650	
2	CSMBS1K2	650	
3	CSMBS1K3	650	
4	CSMBS1K4	650	
5	CSMBS1K5	650	
6	CSMBS1K6	410	
10	CSMBS1K10	410	
16	CSMBS1K16	410	
20	CSMBS1K20	410	
25	CSMBS1K25	410	
32	CSMBS1K32	410	
40	CSMBS1K40	910	
50	CSMBS1K50	1010	
63	CSMBS1K63	1010	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
0.5	CSMBS3K0.5	2590	4
1	CSMBS3K1	2590	
2	CSMBS3K2	2590	
3	CSMBS3K3	2590	
4	CSMBS3K4	2590	
5	CSMBS3K5	2590	
6	CSMBS3K6	2140	
10	CSMBS3K10	2140	
16	CSMBS3K16	2140	
20	CSMBS3K20	2140	
25	CSMBS3K25	2140	
32	CSMBS3K32	2140	
40	CSMBS3K40	3120	
50	CSMBS3K50	3320	
63	CSMBS3K63	3320	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole + N			
0.5	CSMBS1K0.5N	1770	6
1	CSMBS1K1N	1770	
2	CSMBS1K2N	1770	
3	CSMBS1K3N	1770	
4	CSMBS1K4N	1770	
5	CSMBS1K5N	1770	
6	CSMBS1K6N	1260	
10	CSMBS1K10N	1260	
16	CSMBS1K16N	1260	
20	CSMBS1K20N	1260	
25	CSMBS1K25N	1260	
32	CSMBS1K32N	1260	
40	CSMBS1K40N	1800	
50	CSMBS1K50N	2040	
63	CSMBS1K63N	2040	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole + N			
0.5	CSMBS3K0.5N	3340	3
1	CSMBS3K1N	3340	
2	CSMBS3K2N	3340	
3	CSMBS3K3N	3340	
4	CSMBS3K4N	3340	
5	CSMBS3K5N	3340	
6	CSMBS3K6N	2720	
10	CSMBS3K10N	2720	
16	CSMBS3K16N	2720	
20	CSMBS3K20N	2720	
25	CSMBS3K25N	2720	
32	CSMBS3K32N	2720	
40	CSMBS3K40N	3660	
50	CSMBS3K50N	3930	
63	CSMBS3K63N	3930	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
0.5	CSMBS2K0.5	1860	6
1	CSMBS2K1	1860	
2	CSMBS2K2	1860	
3	CSMBS2K3	1860	
4	CSMBS2K4	1860	
5	CSMBS2K5	1860	
6	CSMBS2K6	1340	
10	CSMBS2K10	1340	
16	CSMBS2K16	1340	
20	CSMBS2K20	1340	
25	CSMBS2K25	1340	
32	CSMBS2K32	1340	
40	CSMBS2K40	1990	
50	CSMBS2K50	2260	
63	CSMBS2K63	2260	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
0.5	CSMBS4K0.5	3560	3
1	CSMBS4K1	3560	
2	CSMBS4K2	3560	
3	CSMBS4K3	3560	
4	CSMBS4K4	3560	
5	CSMBS4K5	3560	
6	CSMBS4K6	3030	
10	CSMBS4K10	3030	
16	CSMBS4K16	3030	
20	CSMBS4K20	3030	
25	CSMBS4K25	3030	
32	CSMBS4K32	3030	
40	CSMBS4K40	4050	
50	CSMBS4K50	4380	
63	CSMBS4K63	4380	

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

⊠Non Stockable item

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C&S electric

CE IECEE RoHS Compliant

WiNtrip2 DC MCB

- 250V (SP) & 500V (DP), 3kA / 6kA breaking capacity
- Range: 6A~40A
- Standard Conformity: IEC60947-2;2016

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	720	12
DC MCB SP 10A-250V	10	CSMBS1DC10-250	720	
DC MCB SP 16A-250V	16	CSMBS1DC16-250	720	
DC MCB SP 20A-250V	20	CSMBS1DC20-250	720	
DC MCB SP 25A-250V	25	CSMBS1DC25-250	720	
DC MCB SP 32A-250V	32	CSMBS1DC32-250	720	
DC MCB SP 40A-250V	40	CSMBS1DC40-250	1010	
Shorting link		SHMT8101	140	
2 Pole				
DC MCB DP 6A-500V	6	CSMBS2DC6-500	1530	6
DC MCB DP 10A-500V	10	CSMBS2DC10-500	1530	
DC MCB DP 16A-500V	16	CSMBS2DC16-500	1530	
DC MCB DP 20A-500V	20	CSMBS2DC20-500	1530	
DC MCB DP 25A-500V	25	CSMBS2DC25-500	1530	
DC MCB DP 32A-500V	32	CSMBS2DC32-500	1530	
DC MCB DP 40A-500V	40	CSMBS2DC40-500	2180	
Shorting link		SHMT8101	140	

DC MCB-Series

[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
0.5	⊠CSMBS1DC0.5	750	12
1	⊠CSMBS1DC1	750	
2	⊠CSMBS1DC2	750	
3	CSMBS1DC3	750	
4	⊠CSMBS1DC4	750	
5	⊠CSMBS1DC5	750	
6	CSMBS1DC6	650	
10	⊠CSMBS1DC10	650	
16	⊠CSMBS1DC16	650	
20	⊠CSMBS1DC20	650	
25	⊠CSMBS1DC25	650	
32	⊠CSMBS1DC32	650	
40	⊠CSMBS1DC40	910	
50	⊠CSMBS1DC50	1060	
63	⊠CSMBS1DC63	1060	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
0.5	CSMBS2DC0.5	1780	6
1	CSMBS2DC1	1780	
2	⊠CSMBS2DC2	1780	
3	CSMBS2DC3	1780	
4	CSMBS2DC4	1780	
5	CSMBS2DC5	1780	
6	CSMBS2DC6	1380	
10	CSMBS2DC10	1380	
16	CSMBS2DC16	1380	
20	CSMBS2DC20	1380	
25	CSMBS2DC25	1380	
32	CSMBS2DC32	1380	
40	⊠CSMBS2DC40	1930	
50	⊠CSMBS2DC50	2170	
63	CSMBS2DC63	2170	

Accessories (Site fit-able)

[HSN Code: 8538]

Description	Product Code	Confirguration	Type of contact	Fitment	Module Size	Suitable MCB Rating (A)	MRP (₹)	Std. Pkg. (Nos.)
Auxilary Contact	CSMBAXSF1	1NO-1NC	Changeover	Right	9 mm	Wintrip2 0.5-63	1280	12
Auxilary Contact	CSMBAXSF2	2NO-2NC	Changeover	Right	9 mm	Wintrip2 0.5-63	1340	
Auxilary Contact	CSMBAXSF11	1NO-1NC	Potential free	Left	18 mm	Wintrip2 0.5-63	1280	6
Alarm Contact	CSMBALSF1	1 Changeover	Changeover	Right	9 mm	Wintrip2 0.5-63	1110	12
Shunt Trip	CSMBS012DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1530	6
Shunt Trip	CSMBS024DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1530	
Shunt Trip	CSMBS048DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1530	
Shunt Trip	CSMBS220ACSF	-	-	Left	18 mm	Wintrip2 0.5-63	1530	

⊠Non Stockable item

WiNtrip2 Isolator (IEC 60947-3)

[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
25	CSMBS1SD25	430	12
40	CSMBS1SD40	570	
63	CSMBS1SD63	630	
80	CSMBS1SD80	710	
100	CSMBS1SD100	830	
125	CSMBS1SD125	960	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
25	CSMBS3SD25	1370	4
40	CSMBS3SD40	1570	
63	CSMBS3SD63	1760	
80	CSMBS3SD80	2000	
100	CSMBS3SD100	2080	
125	CSMBS3SD125	2190	

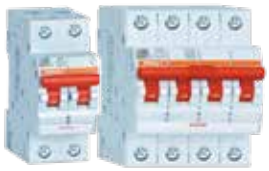
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
25	CSMBS2SD25	720	6
40	CSMBS2SD40	820	
63	CSMBS2SD63	1020	
80	CSMBS2SD80	1280	
100	CSMBS2SD100	1310	
125	CSMBS2SD125	1470	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
25	CSMBS4SD25	1450	3
40	CSMBS4SD40	1790	
63	CSMBS4SD63	1970	
80	CSMBS4SD80	2430	
100	CSMBS4SD100	2460	
125	CSMBS4SD125	2710	

[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
25	⊠CSMBS1ISO25	390	12
40	⊠CSMBS1ISO40	520	
63	⊠CSMBS1ISO63	580	
80	CSMBS1ISO80	POR	
100	⊠CSMBS1ISO100	POR	
125	⊠CSMBS1ISO125	POR	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
25	CSMBS3ISO25	1210	4
40	CSMBS3ISO40	1380	
63	CSMBS3ISO63	1560	
80	⊠CSMBS3ISO80	POR	
100	CSMBS3ISO100	POR	
125	⊠CSMS3ISO125	POR	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
25	CSMBS2ISO25	660	6
40	CSMBS2ISO40	720	
63	CSMBS2ISO63	910	
80	⊠CSMBS2ISO80	POR	
100	CSMBS2ISO100	POR	
125	CSMBS2ISO125	POR	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
25	⊠CSMBS4ISO25	1280	3
40	CSMBS4ISO40	1580	
63	CSMBS4ISO63	1750	
80	⊠CSMBS4ISO80	POR	
100	CSMBS4ISO100	POR	
125	CSMBS4ISO125	POR	

Higher Rating Miniature Circuit Breakers (IEC 60947-2)

[HSN Code: 8536]

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
80	CSMBH1C80	3010	8
100	CSMBH1C100	3370	
125	CSMBH1C125	3650	
2 Pole			
80	CSMBH2C80	6730	4
100	CSMBH2C100	7190	
125	☒CSMBH2C125	7910	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
80	CSMBH3C80	POR	3
100	CSMBH3C100	POR	
125	CSMBH3C125	POR	
4 Pole			
80	CSMBH4C80	POR	2
100	CSMBH4C100	POR	
125	CSMBH4C125	POR	

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

Description	Product Code	Confirguration	Type of contact	Fitment	Module Size	Suitable MCB Rating (A)	MRP (₹)	Std. Pkg. (Nos.)
Auxilary Contact	CSMBAXHSF1	1NO-1NC	Changeover	Right	9 mm	Wintrip2 80-100	1390	12
Auxilary Contact	CSMBAXHSF2	2NO-2NC	Changeover	Right	9 mm	Wintrip2 80-100	1460	
Alarm Contact	CSMBALHSF1	1 Changeover	Changeover	Right	9 mm	Wintrip2 80-100	1390	
Shunt Trip	CSMBHS012DCSF	-	-	Left	18 mm	Wintrip2 80-100	1630	6
Shunt Trip	CSMBHS024DCSF	-	-	Left	18 mm	Wintrip2 80-100	1630	
Shunt Trip	CSMBHS048DCSF	-	-	Left	18 mm	Wintrip2 80-100	1630	
Shunt Trip	CSMBHS220ACSF	-	-	Left	18 mm	Wintrip2 80-100	1630	

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	2240	6
Two way centre OFF Changeover Switch	2	40	CSCOS2P40A	3320	
Two way centre OFF Changeover Switch	2	63	CSCOS2P63A	3840	
4 Pole					
Two way centre OFF Changeover Switch	4	25	CSCOS4P25A	4230	3
Two way centre OFF Changeover Switch	4	40	CSCOS4P40A	6330	
Two way centre OFF Changeover Switch	4	63	CSCOS4P63A	6810	

SmartSol Mini MCB DP

[HSN Code: 8536]

Description	Current rating (Amps.)	Reference	MRP (₹)
DP "C" 6~32A Mini MCB with Enclosure	6~32	CSMBSS2C6~32☒	900
SPN "C" 6~32A Mini MCB with Enclosure	6~32	CSMBSS1C6~32*N	800

☒Non Stockable item

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C&S electric

WiNtrip2 | RCBO

RCCB with Over-current Protection

CE RoHS COMPLIANT

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

WiNtrip2 RCBO

RCCB with Over-current Protection

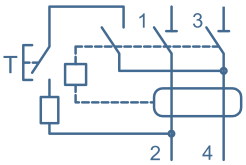
SPN (2 Module) [HSN Code: 8536]

Product Code	MRP (₹)	Std. Pkg. (Nos.)
30mA 10kA		
CSRCBOSPNC06A30-10KA	POR	5
CSRCBOSPNC10A30-10KA	POR	
CSRCBOSPNC16A30-10KA	POR	
CSRCBOSPNC20A30-10KA	POR	
CSRCBOSPNC25A30-10KA	POR	
CSRCBOSPNC32A30-10KA	POR	
CSRCBOSPNC40A30-10KA	POR	
100mA 10kA		
CSRCBOSPNC06A100-10KA	POR	5
CSRCBOSPNC10A100-10KA	POR	
CSRCBOSPNC16A100-10KA	POR	
CSRCBOSPNC20A100-10KA	POR	
CSRCBOSPNC25A100-10KA	POR	
CSRCBOSPNC32A100-10KA	POR	
CSRCBOSPNC40A100-10KA	POR	
300mA 10kA		
CSRCBOSPNC06A300-10KA	POR	5
CSRCBOSPNC10A300-10KA	POR	
CSRCBOSPNC16A300-10KA	POR	
CSRCBOSPNC20A300-10KA	POR	
CSRCBOSPNC25A300-10KA	POR	
CSRCBOSPNC32A300-10KA	POR	
CSRCBOSPNC40A300-10KA	POR	

2 Pole (4 Module) / **4 Pole (8 Module)** [HSN Code: 8536]

2 Pole (4 Module) Product Code	MRP (₹)	Std. Pkg. (Nos.)	4 Pole (8 Module) Product Code	MRP (₹)	Std. Pkg. (Nos.)
30mA 10kA			**30mA 10kA**		
CSRCBO2PC06A30-10KA	POR	4	CSRCBO4PC06A30-10KA	POR	2
CSRCBO2PC10A30-10KA	POR		CSRCBO4PC10A30-10KA	POR	
CSRCBO2PC16A30-10KA	POR		CSRCBO4PC16A30-10KA	POR	
CSRCBO2PC20A30-10KA	POR		CSRCBO4PC20A30-10KA	POR	
CSRCBO2PC25A30-10KA	POR		CSRCBO4PC25A30-10KA	POR	
CSRCBO2PC32A30-10KA	POR		CSRCBO4PC32A30-10KA	POR	
CSRCBO2PC40A30-10KA	POR		CSRCBO4PC40A30-10KA	POR	
CSRCBO2PC63A30-10KA	POR		CSRCBO4PC63A30-10KA	POR	
100mA 10kA			**100mA 10kA**		
CSRCBO2PC06A100-10KA	POR	4	CSRCBO4PC06A100-10KA	POR	2
CSRCBO2PC10A100-10KA	POR		CSRCBO4PC10A100-10KA	POR	
CSRCBO2PC16A100-10KA	POR		CSRCBO4PC16A100-10KA	POR	
CSRCBO2PC20A100-10KA	POR		CSRCBO4PC20A100-10KA	POR	
CSRCBO2PC25A100-10KA	POR		CSRCBO4PC25A100-10KA	POR	
CSRCBO2PC32A100-10KA	POR		CSRCBO4PC32A100-10KA	POR	
CSRCBO2PC40A100-10KA	POR		CSRCBO4PC40A100-10KA	POR	
CSRCBO2PC63A100-10KA	POR		CSRCBO4PC63A100-10KA	POR	
300mA 10kA			**300mA 10kA**		
CSRCBO2PC06A300-10KA	POR	4	CSRCBO4PC06A300-10KA	POR	2
CSRCBO2PC10A300-10KA	POR		CSRCBO4PC10A300-10KA	POR	
CSRCBO2PC16A300-10KA	POR		CSRCBO4PC16A300-10KA	POR	
CSRCBO2PC20A300-10KA	POR		CSRCBO4PC20A300-10KA	POR	
CSRCBO2PC25A300-10KA	POR		CSRCBO4PC25A300-10KA	POR	
CSRCBO2PC32A300-10KA	POR		CSRCBO4PC32A300-10KA	POR	
CSRCBO2PC40A300-10KA	POR		CSRCBO4PC40A300-10KA	POR	
CSRCBO2PC63A300-10KA	POR		CSRCBO4PC63A300-10KA	POR	

WiNtrip Residual Current Circuit Breaker



Test Button

Bi-connect Terminals

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

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB2P10A30-10kA	4160	5
16	CSRB2P16A30-10kA	4160	
20	⊠CSRB2P20A30-10kA	4160	
25	CSRB2P25A30-10kA	4280	
32	CSRB2P32A30-10kA	4380	
40	CSRB2P40A30-10kA	4420	
63	CSRB2P63A30-10kA	5890	
80	⊠CSRB2P80A30-10kA	POR	
100	⊠CSRB2P100A30-10kA	POR	

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

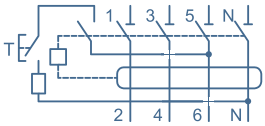
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	⊠CSRB2P10A100-10kA	4160	5
16	CSRB2P16A100-10kA	4160	
20	⊠CSRB2P20A100-10kA	4160	
25	CSRB2P25A100-10kA	4280	
32	CSRB2P32A100-10kA	4380	
40	CSRB2P40A100-10kA	4420	
63	CSRB2P63A100-10kA	5890	
80	CSRB2P80A100-10kA	POR	
100	⊠CSRB2P100A100-10kA	POR	

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

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB2P10A300-10kA	4170	5
16	⊠CSRB2P16A300-10kA	4170	
20	CSRB2P20A300-10kA	4180	
25	CSRB2P25A300-10kA	4510	
32	⊠CSRB2P32A300-10kA	4560	
40	⊠CSRB2P40A300-10kA	4840	
63	⊠CSRB2P63A300-10kA	6060	
80	⊠CSRB2P80A300-10kA	POR	
100	CSRB2P100A300-10kA	POR	

⊠Non Stockable item

WiNtrip Residual Current Circuit Breaker



Test Button

Bi-connect Terminals

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

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	⊠CSRB4P10A30-10kA	5170	4
16	CSRB4P16A30-10kA	5190	
20	⊠CSRB4P20A30-10kA	5240	
25	CSRB4P25A30-10kA	5500	
32	CSRB4P32A30-10kA	5510	
40	CSRB4P40A30-10kA	5640	
63	CSRB4P63A30-10kA	6400	
80	CSRB4P80A30-10kA	POR	
100	⊠CSRB4P100A30-10kA	POR	

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

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	⊠CSRB4P10A100-10kA	5170	4
16	⊠CSRB4P16A100-10kA	5190	
20	CSRB4P20A100-10kA	5240	
25	CSRB4P25A100-10kA	5500	
32	CSRB4P32A100-10kA	5510	
40	CSRB4P40A100-10kA	5640	
63	CSRB4P63A100-10kA	6400	
80	CSRB4P80A100-10kA	POR	
100	CSRB4P100A100-10kA	POR	

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

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	⊠CSRB4P10A300-10kA	5190	4
16	⊠CSRB4P16A300-10kA	5230	
20	CSRB4P20A300-10kA	5280	
25	⊠CSRB4P25A300-10kA	5760	
32	⊠CSRB4P32A300-10kA	5760	
40	CSRB4P40A300-10kA	6000	
63	CSRB4P63A300-10kA	6450	
80	⊠CSRB4P80A300-10kA	POR	
100	CSRB4P100A300-10kA	POR	

NOTE:

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

⊠Non Stockable item

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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	4910
TCALSS010	30	1	4910
TCALSS015	30	1.5	4910
TCALSS025	30	2.5	4910
TCALSS030	30	3	4910
TCALSS040	30	4	4910
TCALSS050	30	5	4910
TCALSS060	30	6	4910
TCALSS080	30	8	4910
TCALSS090	30	9	4910
TCALSS100	30	10	4910
TCALSS150	30	15	4910
TCALSS200	30	20	4910
TCALSS250	30	25	4910
TCALSS300	30	30	4910

☒Non Stockable item

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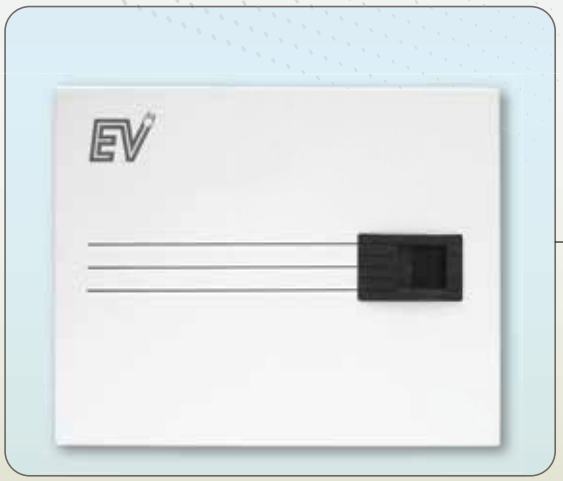
C&S electric

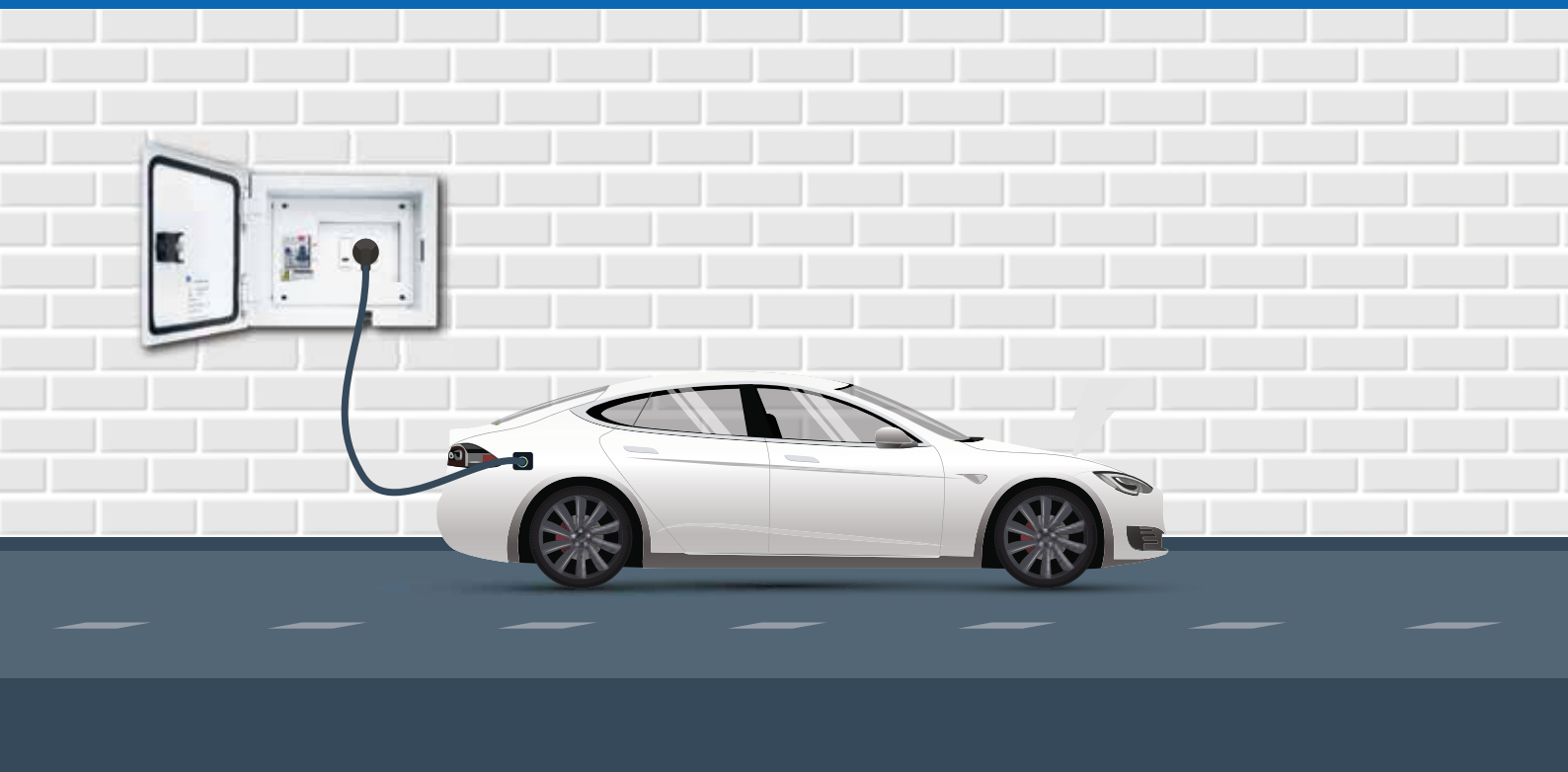
EV Distribution Board



- INPUT VOLTAGE: 240V
- SOCKET CONNECTOR: 16AMP
- DETACHABLE GLAND PLATE
- CRCA SHEET
- POWDER COATED

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

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



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C&S electric

Epitome

IP43 Distribution Boards

IoT

for Residential & industrial application

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

EPiTOME IP43 Distribution Boards

[HSN Code: 8537]

Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
SPN Distribution Board			
SPN Double Door 04 Way IP43 DB	CSDBSPNPWXDD04	4	2590
SPN Double Door 06 Way IP43 DB	CSDBSPNPWXDD06	6	3040
SPN Double Door 08 Way IP43 DB	CSDBSPNPWXDD08	8	3270
SPN Double Door 10 Way IP43 DB	CSDBSPNPWXDD10	10	3950
SPN Double Door12 Way IP43 DB	CSDBSPNPWXDD12	12	4150
SPN Double Door 16 Way IP43 DB	CSDBSPNPWXDD16	16	5280
SPN Double Door 20 Way IP43 DB	CSDBSPNPWXDD20	20	7140
TPN Distribution Board			
TPNH Double Door 04 Way IP43 DB	CSDBTPNHPWXDD04	8+12	6990
TPNH Double Door 06 Way IP43 DB	CSDBTPNHPWXDD06	8+18	8720
TPNH Double Door 08 Way IP43 DB	CSDBTPNHPWXDD08	8+24	10840
TPNH Double Door 12 Way IP43 DB	CSDBTPNHPWXDD12	8+36	14700
TPNH Double Door 16 Way IP43 DB	CSDBTPNHPWXDD16	8+48	19150

☒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+6+12	11520
6 Way Double Door	CSDBTPNVPPIWXDD06	8+6+18	12060
8 Way Double Door	CSDBTPNVPPIWXDD08	8+6+24	13830
12 Way Double Door	CSDBTPNVPPIWXDD12	8+6+36	17150
PPI Horizontal Distribution Board			
4 Way Double Door	CSDBTPNHPPIWXDD04	8+6+12	10010
6 Way Double Door	CSDBTPNHPPIWXDD06	8+6+18	11290
8 Way Double Door	CSDBTPNHPPIWXDD08	8+6+24	12850
12 Way Double Door	CSDBTPNHPPIWXDD12	8+6+36	16110
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	18140
DB MCCB AS I/C 125A DD06 Way	CSDBMCCB125PWXDD06S	MCCB+18	19610
DB MCCB AS I/C 125A DD08 Way	CSDBMCCB125PWXDD08S	MCCB+24	20420
DB MCCB AS I/C 125A DD12 Way	CSDBMCCB125PWXDD12S	MCCB+36	27630
DB MCCB AS I/C 250A DD04 Way	CSDBMCCB250PWXDD04S	MCCB+12	21770
DB MCCB AS I/C 250A DD06 Way	CSDBMCCB250PWXDD06S	MCCB+18	25030
DB MCCB AS I/C 250A DD08 Way	CSDBMCCB250PWXDD08S	MCCB+24	28340
DB MCCB AS I/C 250A DD12 Way	CSDBMCCB250PWXDD12S	MCCB+36	35410
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	12330
TPNV Double Door 06 Way IP43 DB	CSDBTPNVMCBWXDD06	8+18	14550
TPNV Double Door 08 Way IP43 DB	CSDBTPNVMCBWXDD08	8+24	16820
TPNV Double Door 12 Way IP43 DB	CSDBTPNVMCBWXDD12	8+36	21450

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C&S electric

Epitome

Distribution Boards

for Mivan Construction

Strong

Smart

Sleek

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

C&S electric

EPiTOME IP43 Distribution Boards

Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
SPN Distribution Board			
SPN Double Door 04 Way IP43 DB	CSDBSPNMIVWXDD04	4	3240
SPN Double Door 08 Way IP43 DB	CSDBSPNMIVWXDD08	8	4100
SPN Double Door12 Way IP43 DB	CSDBSPNMIVWXDD12	12	5200
SPN Double Door 16 Way IP43 DB	CSDBSPNMIVWXDD16	16	6600
TPN Distribution Board			
TPNH Double Door 04 Way IP43 DB	CSDBTPNHMIVWXDD04	8+12	8200
TPNH Double Door 06 Way IP43 DB	CSDBTPNHMIVWXDD06	8+18	9050
TPNH Double Door 08 Way IP43 DB	CSDBTPNHMIVWXDD08	8+24	11230
TPNH Double Door 12 Way IP43 DB	CSDBTPNHMIVWXDD12	8+36	15560
Description	**Product Code**	**No. of Modules (Incomer+Outgoing)**	**MRP (₹)**
SPN TELEPHONE & TELEVISION SOCKET DISTRIBUTION BOARD	CSDBSPNMIVWXTVTELDD06	2+06	4150
	CSDBSPNMIVWXTVTELDD08	2+08	6180
	CSDBSPNMIVWXTVTELDD12	2+12	7330
	CSDBSPNMIVWXTVTELDD16	2+16	8210
TPN TELEPHONE & TELEVISION SOCKET DISTRIBUTION BOARD	CSDBTPNHMIVWXTVTELDD04	8+12	10190
	CSDBTPNHMIVWXTVTELDD06	8+18	11340
	CSDBTPNHMIVWXTVTELDD08	8+24	15180
	CSDBTPNHMIVWXTVTELDD12	8+36	17600

C&S electric

EPiC Distribution Board

[HSN Code: 8537]

Description	Product Code	Total Modules	MRP (₹)
SPN Distribution Board			
04 Way SPN Single Door	CSDBSPNPESD04	4	1230
06 Way SPN Single Door	CSDBSPNPESD06	6	1340
08 Way SPN Single Door	CSDBSPNPESD08	8	1580
12 Way SPN Single Door	CSDBSPNPESD12	12	2020
16 Way SPN Single Door	CSDBSPNPESD16	16	2580
SPN Distribution Board			
04 Way SPN Double Door	CSDBSPNPEDD04	4	2050
06 Way SPN Double Door	CSDBSPNPEDD06	6	2210
08 Way SPN Double Door	CSDBSPNPEDD08	8	2560
10 Way SPN Double Door	CSDBSPNPEDD10	10	3100
12 Way SPN Double Door	CSDBSPNPEDD12	12	3380
16 Way SPN Double Door	CSDBSPNPEDD16	16	4190

EPiC Distribution Board

[HSN Code: 8537]

Description	Product Code	Total Modules	MRP (₹)
TPN-Horizontal Distribution Board			
04 Way TPNH Single Door	CSDBTPNHPESD04	20	3890
06 Way TPNH Single Door	⊠CSDBTPNHPESD06	26	4870
08 Way TPNH Single Door	⊠CSDBTPNHPESD08	32	5700
12 Way TPNH Single Door	⊠CSDBTPNHPESD12	44	7690
TPN-Horizontal Distribution Board			
04 Way TPNH Double Door	CSDBTPNHPEDD04	20	5620
06 Way TPNH Double Door	CSDBTPNHPEDD06	26	6930
08 Way TPNH Double Door	CSDBTPNHPEDD08	32	8290
12 Way TPNH Double Door	⊠CSDBTPNHPEDD12	44	11290
TPN-Vertical Distribution Board			
04 Way TPNH Double Door	⊠CSDBTPNVPECGDD04	20	10240
06 Way TPNH Double Door	⊠CSDBTPNVPECGDD06	26	12070
08 Way TPNH Double Door	⊠CSDBTPNVPECGDD08	32	14030
12 Way TPNH Double Door	⊠CSDBTPNVPECGDD12	44	17870

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	1280
06 Way SPN Single Door	CSDBSPNPSD06	6	1410
08 Way SPN Single Door	CSDBSPNPSD08	8	1620
12 Way SPN Single Door	CSDBSPNPSD12	12	2130
16 Way SPN Single Door	CSDBSPNPSD16	16	2770
SPN Distribution Board			
04 Way SPN Double Door	CSDBSPNPCGDD04	4	2090
06 Way SPN Double Door	CSDBSPNPCGDD06	6	2340
08 Way SPN Double Door	CSDBSPNPCGDD08	8	2620
10 Way SPN Double Door	CSDBSPNPCGDD10	10	3170
12 Way SPN Double Door	CSDBSPNPCGDD12	12	3440
16 Way SPN Double Door	CSDBSPNPCGDD16	16	4290
TPN-Horizontal Distribution Board			
04 Way TPNH Single Door	CSDBTPNHPSD04	8+12	4140
06 Way TPNH Single Door	⊠CSDBTPNHPSD06	8+18	5150
08 Way TPNH Single Door	⊠CSDBTPNHPSD08	8+24	6000
12 Way TPNH Single Door	⊠CSDBTPNHPSD12	8+36	8100
TPN-Horizontal Distribution Board			
04 Way TPNH Double Door	CSDBTPNHPCGDD04	8+12	5610
06 Way TPNH Double Door	CSDBTPNHPCGDD06	8+18	7000
08 Way TPNH Double Door	CSDBTPNHPCGDD08	8+24	8510
12 Way TPNH Double Door	CSDBTPNHPCGDD12	8+36	11910
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	17520
DB MCCB AS I/C 100A DD08 Way	CSDBMCCB125PDD08S	MCCB+24	19750
DB MCCB AS I/C 100A DD12 Way	CSDBMCCB125PDD12S	MCCB+36	27290
DB MCCB AS I/C 250A DD04 Way	⊠CSDBMCCB250PDD04S	MCCB+12	21030
DB MCCB AS I/C 250A DD08 Way	CSDBMCCB250PDD08S	MCCB+24	27390
DB MCCB AS I/C 250A DD12 Way	CSDBMCCB250PDD12S	MCCB+36	34220

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	25kA, 36kA & 50kA	#FMU Realease with rating lower than 63A ATM - 63A, 80A, 100A,125A ETM - 40A, 63A, 100A, 125A
		CSDBMCCB125PDD08S		
		CSDBMCCB125PDD12S		
	CSE2M250ATM3P-*, CSE2M250A M4P-* CSE2NN250ATM3P-*, CSE2NN250ATM4P-* CSE2NN250ETM3P-*, CSE2NN250ETM4P-* CSE2S250ETM3P-*, CSE2S250ETM4P-* CSE2SX250ETM3P-*, CSE2SX250ETM4P-* CSE2SX250ATM3P-*, CSE2SX250ATM4P-*	CSDBMCCB250PDD04S	25kA, 36kA & 50kA	ATM - 160A, 200A, 250V ETM - 160V, 200V, 250V
		CSDBMCCB250PDD08S		
		CSDBMCCB250PDD12S		

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

#For lower ratings please contact nearest Branch Office.

Special Distribution Board

Polycarbonate Cover Consumer Unit DB [HSN Code: 8537]

Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
SPN WC 06 Way SD With Acrylic Door	CSDBSPNSDCA06	6	2370
SPN WC 08 Way SD With Acrylic Door	CSDBSPNSDCA08	8	2650
SPN WC 12 Way SD With Acrylic Door	CSDBSPNSDCA12	12	3420
SPN WC 16 Way SD With Acrylic Door	CSDBSPNSDCA16	16	4360

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	20350
6 Way DD with 63A Rotary Switch	CSDBPHSCDD06RS63	20830
8 Way DD with 63A Rotary Switch	CSDBPHSCDD08RS63	22980
12 Way DD with 63A Rotary Switch	☒CSDBPHSCDD12RS63	25450
4 Way DD with 40A Rotary Switch	CSDBPHSCDD04RS40	20230
6 Way DD with 40A Rotary Switch	CSDBPHSCDD06RS40	20460
8 Way DD with 40A Rotary Switch	☒CSDBPHSCDD08RS40	22760
12Way DD with 40A Rotary Switch	☒CSDBPHSCDD12RS40	25020
4 Way DD without Rotary Switch	☒CSDBPHSCDD04	17400
6 Way DD without Rotary Switch	☒CSDBPHSCDD06	17830
8 Way DD without Rotary Switch	CSDBPHSCDD08	19620
12 Way DD without Rotary Switch	CSDBPHSCDD12	22420

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	15950
	CSDB7SEGDD06	8+12+18	17960
	☒CSDB7SEGDD08	8+12+24	20060
	☒CSDB7SEGDD12	8+12+36	25480

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

☒Non Stockable item

FLEXI TIER Distribution Board [HSN Code: 8537]

Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
14 MODULE 2 ROW DD DB	CSDBFLDD2R14	28	8750
14 MODULE 3 ROW DD DB	CSDBFLDD3R14	42	10310
14 MODULE 4 ROW DD DB	CSDBFLDD4R14	56	11400

Cable End Boxes

[HSN Code: 8537]

EPiTOME

Description	Product Code	MRP (₹)
SPN Cable End Box		
SPN 4 Way	CSDBCBSPNPWXDD04	1300
SPN 6 Way	CSDBCBSPNPWXDD06	1490
SPN 8 Way	CSDBCBSPNPWXDD08	1670
SPN 10 Way	CSDBCBSPNPWXDD10	1860
SPN 12 Way	CSDBCBSPNPWXDD12	2040
SPN 16 Way	CSDBCBSPNPWXDD16	2420
SPN 20 Way	CSDBCBSPNPWXDD20	2810
TPN 4 Way	CSDBCBTPNHPWXDD04	2150
TPN 6 Way	CSDBCBTPNHPWXDD06	2320
TPN 8 Way	CSDBCBTPNHPWXDD08	2550
TPN 12 Way	CSDBCBTPNHPWXDD12	3330
TPN 16 Way	CSDBCBTPNHPWXDD16	4170
VTPN MCB I/C Cable End Box		
CABLE END BOX FOR CSDBTPNVMCBWXDD04~12 Way DB	CSDBCBTPNVMCBWXDD	2350
VTPN MCCB I/C Cable End Box		
CABLE END BOX FOR CSDBMCCBPWXDD04~12S Way DB	CSDBCBMCCBPWXDD	2780
PPI HORIZONTAL DB CABLE END BOX		
4 WAY DD	CSDBCBTPNHPPIWXDD04	2750
6 WAY DD	CSDBCBTPNHPPIWXDD06	3100
8 WAY DD	CSDBCBTPNHPPIWXDD08	3560
12 WAY DD	CSDBCBTPNHPPIWXDD12	4450
PPI VERTICAL DB CABLE END BOX		
6 WAY DD	CSDBCBTPNVPPIWXDD06	3340
8 WAY DD	CSDBCBTPNVPPIWXDD08	3800
12 WAY DD	CSDBCBTPNVPPIWXDD12	4750
Epic-F / Epic Cable End Box		
SPN Cable End Box		
SPN 4 Way	CSDBCBSPNPDD04	1010
TPNH 6 Way	CSDBCBSPNPDD06	1120
SPN 8 Way	CSDBCBSPNPDD08	1260
SPN 12 Way	CSDBCBSPNPDD12	1570
SPN 16 Way	CSDBCBSPNPDD16	1920
TPNH Cable End Box		
TPNH 4 Way	CSDBCBTPNHPDD04	1630
TPNH 6 Way	CSDBCBTPNHPDD06	1880
TPNH 8 Way	CSDBCBTPNHPDD08	2140
TPNH 12 Way	CSDBCBTPNHPDD12	2730
TPNV Cable End Box		
CABLE END BOX FOR CSDBTPNVPEDD 04~12 WAY DB	CSDBCBTPNVPEDD	2320
VTPN MCCB I/C Cable End Box		
CABLE END BOX FOR CSDBMCCB125PDD04~12S WAY DB	CSDBCBMCCBPDDDB	2740
PPI Kit		
PPI KIT TO CONVERT TPNHP/TPNHPE DD 04 TO DD 02 WAY	CSDBPPPIKT01	3240
PPI KIT TO CONVERT TPNHP/TPNHPE DD 06 TO DD 04 WAY	CSDBPPPIKT02	3650
PPI KIT TO CONVERT TPNHP/TPNHPE DD 08 TO DD 06 WAY	CSDBPPPIKT03	4100
PPI KIT TO CONVERT TPNHP/TPNHPE DD 12 TO DD 10 WAY	CSDBPPPIKT04	4930

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	1850	12
20Amp SPN	CSDBPSSPN020	1850	12
20Amp SPN (SP Cutout)	CSDBPSSPN020SP	1850	12
20Amp TPN	CSDBPSTPN020	4470	6
30Amp TPN	CSDBPSTPN030	4910	6

WiNtrip Plug and Sockets (Metal Clad)

[HSN Code: 8537]

Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
10Amp SPN Plug	CSDBPSPN010	380	36
10Amp SPN Socket	CSDBSSPN010	390	36
20Amp SPN Plug	CSDBPSPN020	400	36
20Amp SPN Socket	CSDBSSPN020	480	36
20Amp TPN Plug	CSDBPTPN020	490	36
20Amp TPN Socket	CSDBSTPN020	490	36
30Amp TPN Plug	CSDBPTPN030	770	36
30Amp TPN Socket	CSDBSTPN030	770	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	640	24
DP Enclosure	CSDBMCBEDP	640	24
TP Enclosure	CSDBMCBETP	750	12
FP Enclosure	CSDBMCBEFP	750	12

WiNtrip Plastic Enclosure without MCB

[HSN Code: 8537]

Description	Product Code	MRP (₹)
Plastic MCB Enclosure SP&DP/STD	CSDBMCBEPDP	260
Plastic MCB Enclosure TP&FP/STD	CSDBMCBEPFP	350

MCB Enclosure IP55

[HSN Code: 8537]

4 Pole Enclosure

Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
MCB Enclosure IP55 04 Way	CSDBEP04	2250	1

☒Non Stockable item

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C&S electric

elusio SWITCHES

Born Green

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

RoHS Compliant

ANTIBACTERIAL PROTECTION

FRONT MOUNT & REMOVAL OPTION

SLEEK DESIGN

UNBREAKABLE DESIGNS

SMOOTH TO TOUCH

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

*T&C Apply

CE20113NR CE20115NR

CE20574NR CE20575NR

CE20123NR CE20121NR

Switches

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White/ Charcoal Black	Dark Grey / Champagne	Elusio Green	
CE20113NR	85361010	6AX Switch SP 1 way	6AX	1M	137	180	207	20
CE20114NR	85361010	6AX Switch SP 1 way with Indicator	6AX	1M	178	204	235	
CE20123NR	85361010	6AX Switch SP 2 way	6AX	1M	195	222	255	
CE20568NR	85361010	10AX Switch SP 1 way	10AX	1M	158	207	238	
CE20569NR	85361010	10AX Switch SP 1 way with Indicator	10AX	1M	204	235	270	
CE20571NR	85361010	10AX Switch SP 2 way	10AX	1M	225	255	293	
CE20573NR	85361020	16AX Switch SP 1 way	16AX	1M	187	213	245	
CE20574NR	85361020	16AX Switch SP 1 way with Indicator	16AX	1M	246	263	303	
CE20578NR	85361020	16AX Switch SP 2 way	16AX	1M	275	301	346	
CE20580NR	85361020	20AX Switch SP 1 way	20AX	1M	215	245	281	
CE20581NR	85361020	20AX Switch SP 2 way	20AX	1M	316	346	397	
CE20584NR	85361020	20AX Switch SP 1 way with Indicator	20AX	1M	283	303	348	
CE20115NR	85361010	6AX Switch SP 1 way with Indicator	6AX	2M	231	247	284	10
CE20124NR	85361010	6AX Switch SP 2 way	6AX	2M	223	266	307	
CE20570NR	85361010	10AX Switch SP 1 way with Indicator	10AX	2M	265	284	327	
CE20572NR	85361010	10AX Switch SP 2 way	10AX	2M	256	306	353	
CE20575NR	85361020	16AX Switch SP 1 way with Indicator	16AX	2M	242	286	329	
CE20579NR	85361020	16AX Switch SP 2 way	16AX	2M	283	327	376	
CE20582NR	85361020	20AX Switch SP 1 way	20AX	2M	263	297	373	
CE20583NR	85361020	20AX Switch SP 2 way	20AX	2M	326	376	433	
CE20121NR	85361020	32A DP Switch with Indicator	32A	2M	675	875	1005	

CE20509NR CE20510NR

Bell Push Switches

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White / Charcoal Black	Dark Grey / Champagne	Elusio Green	
CE20509NR	85361010	6A Bell Push Switch	6A	1M	150	176	202	20
CE20508NR	85361010	6A Bell Push Switch with Indicator	6A	1M	180	206	237	
CE20510NR	85361010	6A Bell Push Switch	6A	2M	176	218	251	10
CE20511NR	85361010	6A Bell Push Switch with Indicator	6A	2M	206	249	286	

CE20056NR CE20631NR

Blanking / Phase Indicator

Product Code	HSN Code	Description	Module	MRP (₹)			Std. Pkg. (Nos.)
				White / Charcoal Black	Dark Grey / Champagne	Elusio Green	
CE20056NR	85361010	Blanking Plate	1M	48	60	68	40
CE20631NR	85361010	Phase Indicator Red	1M	311	-	-	20

NOTE: Phase indicator is available in white colour only.

CE20827NR CE20826NR

CE20804NR CE20801NR

Fan Regulator / Dimmer

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White / Charcoal Black	Dark Grey / Champagne	Elusio Green	
CE20827NR	85361010	4 Step Fan Regulator	100W	1M	489	511	587	20
CE20826NR	85361010	5 Step Fan Regulator	100W	2M	626	675	776	10
CE20828NR	85361010	5 Step Fan Regulator	120W	2M	821	872	973	10
CE20804NR	85361010	Rotary Dimmer	300W	1M	678	728	837	20
CE20801NR	85361010	Rotary Dimmer	500W	2M	786	873	1004	10

CE20370NR CE20352NR

Sockets

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White / Charcoal Black	Dark Grey / Champagne	Elusio Green	
CE20370NR	85361020	6A 3 Pin Socket	6A	2M	192	315	363	10
CE20352NR	85361020	6/16A 3 Pin Socket	6/16A	2M	317	378	435	
CE20354NR	85361020	6/16A 3 Pin Socket- Projected	6/16A	2M	334	397	457	10
*CE20358NR	85361020	13A Universal Socket	13A	2M	192	315	363	

*Material available till stock last.

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

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

CE20228NR CE20251NR CE20272NR

CE20276NR CE20277NR

CE20275NR CE20633NR CE20632NR

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White / Charcoal Black	Dark Grey / Champagne	Elusio Green	
CE20228NR	85361010	TV Socket		1M	117	141	162	20
CE20251NR	85361010	RJ 11 Telephone Socket		1M	111	136	156	
CE20272NR	85361010	RJ 45 Cat 6 Computer Socket	Cat 6	1M	1120	1163	1338	
CE20273NR	85361010	RJ 45 Cat 6a Computer Socket	Cat6a	1M	2200	2237	2573	
CE20276NR	85361010	HDMI Socket		1M	1347	1548	1780	10
CE20277NR	85361010	VGA Socket		1M	1342	1482	1704	
CE20275NR	85044030	USB Charger Socket (Fast Charging)	2.1A, A type	1M	1216	1540	1772	20
CE20278NR	85044030	USB Charger Socket (Power Delivery)	18W C type	1M	3240	3658	3867	
CE20633NR	94051090	Night Lamp		2M	494	538	619	10
CE20632NR	94051090	Skirt Light with LED		2M	683	746	858	

Single Phase Motor Starter

CE20364NR

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White / Charcoal Black	Dark Grey / Champagne	Elusio Green	
CE20364NR	85361020	Motor Starter 16A	16A	2M	737	796	916	10
CE20366NR	85361020	Motor Starter 25A	25A	2M	737	796	916	

Hospitality Range

CE20610NR CE20609NR CE20636NR

CE20825NR

Product Code	HSN Code	Description	Module	MRP (₹)			Std. Pkg. (Nos.)
				White / Charcoal Black	Dark Grey / Champagne	Elusio Green	
CE20611NR	85361010	DND/CMR internal unit	1M	401	428	492	10
CE20610NR	85361010	DND/CMR external unit	1M	643	657	756	
CE20609NR	85361010	DND/MMR Indicator	1M	460	494	568	20
CE20116NR	85361010	6AX Switch SP 1 way MMR	1M	176	181	209	
CE20125NR	85361010	6AX Switch SP 2 way DND	1M	231	236	271	
CE20636NR	85361010	Buzzer	1M	664	746	858	
CE20825NR	85361010	16A Electronic Key Card Switch	2M	5000	5250	5515	3

Modular - Miniature Circuit Breakers

CE20436NR CE20440NR

Product Code	HSN Code	Description	Rating	Module	MRP (₹)			Std. Pkg. (Nos.)
					White / Charcoal Black	Dark Grey / Champagne	Elusio Green	
CE20431NR	85361010	MCB 6A Single Pole 4.5kA	6A, C Curve	1M	414	451	518	12
CE20432NR	85361010	MCB 10A Single Pole 4.5kA	10A, C Curve	1M	414	451	518	
CE20433NR	85361010	MCB 16A Single Pole 4.5kA	16A, C Curve	1M	414	451	518	
CE20437NR	85361010	MCB 20A Single Pole 4.5kA	20A, C Curve	1M	414	451	518	
CE20435NR	85361010	MCB 25A Single Pole 4.5kA	25A, C Curve	1M	414	451	518	
CE20436NR	85361010	MCB 32A Single Pole 4.5kA	32A, C Curve	1M	414	451	518	
CE20438NR	85361010	MCB 6A Double Pole 4.5kA	6A, C Curve	2M	852	911	1047	6
CE20439NR	85361010	MCB 10A Double Pole 4.5kA	10A, C Curve	2M	852	911	1047	
CE20440NR	85361010	MCB 16A Double Pole 4.5kA	16A, C Curve	2M	852	911	1047	
CE20441NR	85361010	MCB 20A Double Pole 4.5kA	20A, C Curve	2M	852	911	1047	
CE20442NR	85361010	MCB 25A Double Pole 4.5kA	25A, C Curve	2M	852	911	1047	
CE20443NR	85361010	MCB 32A Double Pole 4.5kA	32A, C Curve	2M	852	911	1047	

Cover Plate with Support Plate

CE25803WHNR

Product Code	HSN Code	Description	Module	MRP (₹)			Std. Pkg. (Nos.)
				White / Charcoal Black	Dark Grey / Champagne	Elusio Green	
CE25801WHNR	85381010	Cover & Support Plate	1M	124	250	287	10
CE25802WHNR	85381010	Cover & Support Plate	2M	129	245	281	
CE25803WHNR	85381010	Cover & Support Plate	3M	160	308	354	
CE25804WHNR	85381010	Cover & Support Plate	4M	189	368	423	
CE25806WHNR	85381010	Cover & Support Plate	6M	262	578	664	
CE25808WHNR	85381010	Cover & Support Plate-Horizontal	8M	321	649	746	
CE25809WHNR	85381010	Cover & Support Plate-Vertical	8MV	330	658	758	5
CE25812WHNR	85381010	Cover & Support Plate	12M	460	941	1003	
CE25816WHNR	85381010	Cover & Support Plate	16M	579	1024	1087	
CE25818WHNR	85381010	Cover & Support Plate	18M	627	1306	1374	

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

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C&S electric

YOUR SAFETY MATTERS US

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

ANTIBACTERIAL PROTECTION

ANTIBACTERIAL MODULAR SWITCHES

MODULAR SWITCHES

WEATHER PROOF ENCLOSURES

Primo Plus SWITCHES

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

DIVINO SWITCHES

Primo Plus SWITCHES

primo SWITCHES

bridgg SWITCHES

COMBI WEATHER-PROOF ENCLOSURES

Switches

CG20114PWNR CG23114NR

CG20123PWNR CG23123NR

CG20509PWNR CG23509NR

CG20056PWNR CG23056NR

CG20634PWNR CG23634NR

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
One-Way Switches						
CG20113PWNR / CG23113NR	85361010	1P-6A	General	1	122	20
CG20114PWNR / CG23114NR	85361010	1P-6A	Luminous	1	172	
CG20573PWNR / CG23573NR	85361020	1P-16A	General	1	199	
CG20574PWNR / CG23574NR	85361020	1P-16A	Luminous	1	228	
CG20117PWNR / CG23117NR	85361020	1P-25A	General	1	257	
CG20118PWNR / CG23118NR	85361020	1P-25A	Luminous	1	315	
CG20120PWNR / CG23120NR	85361020	2P-32A	Luminous	2	464	10
Two-Way Switches						
CG20123PWNR / CG23123NR	85361010	1P-6A	General	1	168	20
CG20578PWNR / CG23578NR	85361020	1P-16A	General	1	248	

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	218	20
CG20509PWNR / CG23509NR	85361010	1P-6A	With Symbol	1	172	

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Blanking Modules						
CG20056PWNR / CG23056NR	85381010	1 Gang	-	1	40	40
CG20073PWNR / CG23073NR	85381010	2 Gang	-	2	69	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	114	20

Fan Regulator / Dimmer

CG20826PWNR CG23826NR

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	530	10
CG20827PWNR / CG23827NR	85361010	4 Step (100W)	Rotary	1	421	20

CG20801PWNR CG23801NR

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Dimmer						
CG20801PWNR / CG23801NR	85361010	500W	Rotary (Stepless)	2	526	10
CG20804PWNR / CG23804NR	85361010	300W	Rotary (Stepless)	1	464	20

Socket

CG20370PWNR CG23370NR

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	165	10
CG20354PWNR / CG23354NR	85361020	6/16A Twin Socket 3 Pin (Flushed)	Round	3	316	6
CG20352PWNR / CG23352NR	85361020	6/16A Twin Socket 3 Pin (Projected)	Round	2	301	10

CG20251PWNR CG23251NR

Product Code - Pure White / Grey	HSN Code	Description	Nos. Pairs	For Plug Pin	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
Telephone / Computer / TV Socket							
CG20251PWNR / CG23251NR	85361010	RJ11	2	Twisted pair	1	138	20
CG20228PWNR / CG23228NR	85361010	TV Socket	-	-		131	
CG20272PWNR / CG23272NR	85361010	RJ45 CAT6	4	UTP		631	
CG20273PWNR / CG23273NR	85361010	RJ45 CAT6a		UTP		1388	

CG20636PWNR

Buzzer

CG20636PWNR / CG23636NR	85361010	Buzzer	1	638	20

CG20275PWNR

USB Charger Socket

Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CG20275PWNR / CG23275NR	85044030	USB Charger Socket 2.1A (Fast Charging)	1	1078	20

CG20815PWNR

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	694	1
CG20434PWNR / CG23434NR	85361010	Tag For Energy Key Tag		143	10
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	125	20
CG20124PWNR / CG23124NR	85361010	6A-230V, IW, SP Luminous Switch		178	
CG20612PWNR / CG23612NR	85361010	Unit (Indicator+Switch)	1+1	298	10
Room Occupied					
CG20610PWNR / CG23610NR	85361010	Indicator	1	125	20
CG20125PWNR / CG23125NR	85361010	6A-230V, IW, SP Luminous Switch		178	
CG20613PWNR / CG23613NR	85361010	Unit (Indicator+Switch)	1+1	298	10
Make My Room					
CG20611PWNR / CG23611NR	85361010	Indicator	1	125	20
CG20126PWNR / CG23126NR	85361010	6A-230V, IW, SP Luminous Switch		178	
CG20614PWNR / CG23614NR	85361010	Unit (Indicator+Switch)	1+1	298	10

CG20124PWNR CG23609NR

CG20125PWNR CG23610NR

CG20126PWNR CG23611NR

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	1548	6
Foot Lamp					
CG20631NR	94051090	230V-LED Yellow Night Lamp	3	433	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	240	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	571	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.)
Power Unit with Metal Box				
CG26401PWNR	85371000	16Amp Power Unit	1048	1
Power Unit with PVC				
CG26404PWNR	85371000	16Amp Power Unit	913	1

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	516	10
CG20364PWNR /CG23364NR	85361020	Motor Starter 25A	2	656	

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	141	10
CG25702PWNR / CG25802PWNR	85381010	2 Module Plate		
CG25703PWNR / CG25803PWNR	85381010	3 Module Plate	184	
CG25704PWNR / CG25804PWNR	85381010	4 Module Plate	225	
CG25706PWNR / CG25806PWNR	85381010	6 Module Plate	302	5
CG25708PWNR / CG25808PWNR	85381010	8 Module Plate - Vertical	390	
CG25709PWNR / CG25809PWNR	85381010	8 Module Plate - Horizontal		
CG25712PWNR / CG25812PWNR	85381010	12 Module Plate	488	
CG25718PWNR / CG25818PWNR	85381010	18 Module Plate	741	

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	203	10
CG25702GRNR / CG25802GRNR	85381010	2 Module Plate		
CG25703GRNR / CG25803GRNR	85381010	3 Module Plate	278	
CG25704GRNR / CG25804GRNR	85381010	4 Module Plate	298	
CG25706GRNR / CG25806GRNR	85381010	6 Module Plate	374	5
CG25708GRNR / CG25808GRNR	85381010	8 Module Plate - Vertical	437	
CG25709GRNR / CG25809GRNR	85381010	8 Module Plate - Horizontal		
CG25712GRNR / CG25812GRNR	85381010	12 Module Plate	578	
CG25718GRNR / CG25818GRNR	85381010	18 Module Plate	913	

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	305	10
CG25702NR / CG25802NR	85381010	2 Module Plate		
CG25703NR / CG25803NR	85381010	3 Module Plate	364	
CG25704NR / CG25804NR	85381010	4 Module Plate	455	
CG25706NR / CG25806NR	85381010	6 Module Plate	627	5
CG25708NR / CG25808NR	85381010	8 Module - Vertical	676	
CG25709NR / CG25809NR	85381010	8 Module - Horizontal		
CG25712NR / CG25812NR	85381010	12 Module Plate	861	
CG25718NR / CG25818NR	85381010	18 Module Plate	1124	

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

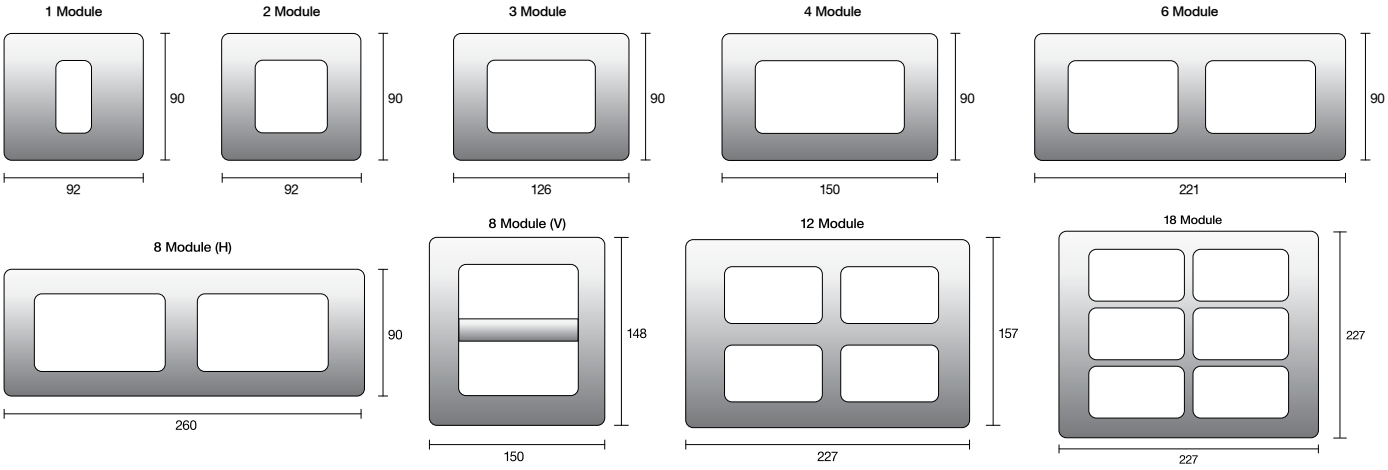
CG25803EWNR

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	380	10
CG25702NR / CG25802NR	85381010	2 Module Plate		
CG25703NR / CG25803NR	85381010	3 Module Plate	466	
CG25704NR / CG25804NR	85381010	4 Module Plate	596	
CG25706NR / CG25806NR	85381010	6 Module Plate	823	5
CG25708NR / CG25808NR	85381010	8 Module Plate - Vertical	849	
CG25709NR / CG25809NR	85381010	8 Module Plate - Horizontal		
CG25712NR / CG25812NR	85381010	12 Module Top Plate	1107	
CG25718NR / CG25818NR	85381010	18 Module Plate	1259	

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

Cover Plate Sizes (All dimensions in mm)



CG26000WNR

CG26400WNR

CG24025WNR

CG26012WNR

CG26020WNR

IP55 Enclosures

Product Code	HSN Code	Description	Configuration	MRP (₹)	Std. Pkg. (Nos.)
Watertight And Dust Proof Enclosures IP55-Surface Mounting					
CG26000WNR	85371000	Bell Push	1 Module	806	1
CG26400WNR	85371000	16A Switch, 6/16A Socket	3 Module	1372	
CG26016WNR	85371000	6A Switch	1 Module	744	10
IP55 Motor Starter					
CG26018WNR	85381010	IP55 2M Enclosure With 16A Motor Starter		1342	10
CG26019WNR	85381010	IP55 2M Enclosure With 25A Motor Starter		1577	
Watertight Plates For Flush Mounting Installations IP55 (Compatible with 3M concealed box)					
CG24025WNR	85381010	3 Gang		854	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	576	10
CG26011WNR	85381010	2 Gang	Module 2	80x64x59	598	
CG26012WNR	85381010	3 Gang	Module 3	80x96x59	722	
CG26013WNR	85381010	4 Gang	Module 4x1	80x128x59	946	
CG26014WNR	85381010	8 Gang	Module 4x2	160x128x59	1616	5
CG26015WNR	85381010	12 Gang	Module 4x3	240x128x59	2129	3

New

IP40 Enclosures (Combined)				
CG26020WNR	85381010	6A Switch, 6A Socket	373	10
CG26021WNR	85381010	16A Switch, 16A Protected Socket	428	

Accessories

CG28017NR

Plug Top

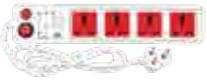
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG28014NR	85361010	6A Plug Top	78	10
CG28015NR	85361020	16A Plug Top	116	
CG28017NR	85361020	16A Plug Top with Indicator	124	

CG28020NR

Multi Plug Socket

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG28020NR	85361010	6A Multi Plug Socket	106	10

Power Extension & Door Bell


ACEXB001NR

ACEXB002NR

ACEXB003NR

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACEXB001NR	85381010	4 Universal Socket with 1Master Switch with 1.5m wire	770	1
ACEXB002NR	85381010	4 Universal Socket with 4 Switches with 1.5m wire	780	
ACEXB003NR	85381010	4 Universal Socket with 1 Master Switch, 1 Thermal Switch with 1.5m wire	749	
ACEXB004NR	85381010	4 Universal Socket with 1Master Switch with 3m wire	1020	
ACEXB005NR	85381010	4 Universal Socket with 4 Switches with 3m wire	1040	
ACEXB006NR	85381010	4 Universal Socket with 1 Master Switch, 1 Thermal Switch with 3m wire	1004	
ACEXB007NR	85381010	4 Universal Socket with 1Master Switch with 5m wire	1248	
ACEXB008NR	85381010	4 Universal Socket with 4 Switches with 5m wire	1285	
ACEXB009NR	85381010	4 Universal Socket with 1 Master Switch, 1 Thermal Switch with 5m wire	1228	
ACDB001NR	85381010	Door Bell - Jewell (Ding Dong Sound)	426	
ACDB002NR	85381010	Door Bell - Curvy (Ding Dong Sound)		

ACDB001NR

ACDB002NR

Batten Holder

ACBHS001NR

ACBHA004NR

ACBHA005NR

ACBHS006NR

ACBHS008NR

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACBHS001NR	85381010	Straight Batten Holder (Plain)	61	20
ACBHA003NR	85381010	Angular Batten Holder (Plain)		
ACBHS002NR	85381010	Straight Batten Holder (Fancy)	73	
ACBHA004NR	85381010	Angular Batten Holder (Fancy)		
ACBHA005NR	85381010	Batten Holder common (2 in 1)	86	
ACBHS006NR	85381010	Square Batten Holder (Plain)	98	10
ACBHA007NR	85381010	Square angle Batten Holder (Plain)		
ACBHS008NR	85381010	Slim Batten Holder (Fancy)	107	
ACBHA009NR	85381010	Slim angle Batten Holder (Fancy)		

Batten Holder & Ceiling Rose

ACBHS001BNR

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACBHS001BNR	85381010	Batten Holder Straight	42	20
ACBHA003BNR	85381010	Batten Holder Angular		
ACBHS002BNR	85381010	Batten Holder Straight Fancy	57	
ACBHA004BNR	85381010	Batten Holder Angular Fancy		

ACCR001NR

Ceiling Rose				
ACCR001NR	85381010	Ceiling rose	51	20

Surface Plastic Box

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACSMB001NR	85381010	1 Module	78	10
ACSMB001NR	85381010	2 Module	78	
ACSMB003NR	85381010	3 Module	101	
ACSMB004NR	85381010	4 Module	109	
ACSMB006NR	85381010	6 Module	146	
ACSMB008NR	85381010	8 Module (Horizontal)	201	
ACSMB009NR	85381010	8 Module (Vertical)	201	
ACSMB012NR	85381010	12 Module	255	5
ACSMB018NR	85381010	18 Module	285	

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C&S electric | Primo Plus 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.

Switches

CS20114PNR

CS20123PNR

CS20511PNR

CS20631NR

CS20801PNR

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	102	20
CS20114PNR / CS23114PNR	85361010	6A, 250V	Luminous	1	136	
CS20115PNR / CS23115PNR	85361010	6A, 250V	Luminous	2	152	10
CS20573PNR / CS23573PNR	85361020	16A, 250V	General	1	167	20
CS20574PNR / CS23574PNR	85361020	16A, 250V	Luminous	1	199	
CS20575PNR / CS23575PNR	85361020	16A, 250V	Luminous	2	204	10
CS20117PNR / CS23117PNR	85361020	25A, 250V	General	1	222	20
CS20118PNR / CS23118PNR	85361020	25A, 250V	Luminous	1	246	
CS20119PNR / CS23119PNR	85361020	25A, 250V	General	2	249	10
CS20120PNR / CS23120PNR	85361020	25A, 250V	Luminous	2	268	
Two-Way Switches						
CS20123PNR / CS23123PNR	85361010	6A, 250V	General	1	159	20
CS20124PNR / CS23124PNR	85361010	6A, 250V	General	2	167	10
CS20578PNR / CS23578PNR	85361020	16A, 250V	General	1	228	20
CS20579PNR / CS23579PNR	85361020	16A, 250V	General	2	252	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	141	20
CS20508PNR / CS23508PNR	85361010	6A, Bell Push	Luminous	1	163	
CS20510PNR / CS23510PNR	85361010	6A, Bell Push	General	2	169	10
CS20511PNR / CS23511PNR	85361010	6A, Bell Push	Luminous	2	172	
Blanking Module						
CS20056PNR / CS23056PNR	85381010	1M Blank	General	1	29	40

Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
Neon Indicator					
CS20631PNR / CS23631PNR	85361010	Neon Indicator Red	1	105	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	470	10
CS20828PNR / CS23828PNR	85361010	5 Step Fan Regulator 120 W	2	554	10
CS20827PNR / CS23827PNR	85361010	4-Step Fan Regulator 100W	1	387	20
CS20801PNR / CS23801PNR	85361010	Rotary Type Dimmer 500W	2	481	10
CS20804PNR / CS23804PNR	85361010	Rotary Type Dimmer 300W	1	353	20

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	133	10
CS20352PNR / CS23352PNR	85361020	6/16A, 6 Pin	3	274	6
CS20354PNR / CS23354PNR	85361020	6/16A, Socket Projected	2	251	10

CS20636PNR

Buzzer

Product Code	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS20636PNR / CS23636PNR	85044030	Buzzer	1	671	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	120	20
CS20237PNR / CS23237PNR	85361010	Flex Outlet	1	89	

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	134	20
CS20272PNR / CS23272PNR	85361010	RJ 45, Computer Jack CAT6	1	671	
CS20273PNR / CS23273PNR	85361010	RJ 45, Computer Jack CAT6a	1	1181	

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	1040	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	612	1

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

CS20611PNR CS20609PNR

DND/MMR Switch Units					
CS20609PNR / CS23609PNR	85361010	Indicator	1	112	20
CS20610PNR / CS23610PNR	85361010	DND/MMR External Unit	1	277	10
CS20611PNR / CS23611PNR	85361010	DND/MMR Internal Unit	1+1	251	10
Skirt Light & Night Lamp					
CS20632PNR / CS23632PNR	94051090	Skirt Light	2	465	10
CS20633PNR / CS23633PNR	94051090	Night Lamp	2	428	10

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	867	1
CS26408PWNR	85371000	Power Unit Combo Heavy Duty with 25Amp MCB	4	1213	
Primo Plus Power Unit with Metal Enclosure					
CS26401PNR	85371000	Power Unit Combo 16A MCB	4	1048	
CS26407PWNR	85371000	Power Unit Combo Heavy Duty with 25Amp MCB	4	1218	

CS25803WHNR

CS25803GRNR

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
Swan White (Cover Plates with Support Plate)				
CS25801WHNR	85381010	1 Module Plate	123	10
CS25802WHNR	85381010	2 Module Plate		
CS25803WHNR	85381010	3 Module Plate	157	
CS25804WHNR	85381010	4 Module Plate	169	
CS25806WHNR	85381010	6 Module Plate	239	
CS25808WHNR	85381010	8 Module Plate (Horizontal)	304	
CS25809WHNR	85381010	8 Module Plate (Vertical)	304	5
CS25812WHNR	85381010	12 Module Plate	393	
CS25816WHNR	85381010	16 Module Plate	437	
CS25818WHNR	85381010	18 Module Plate	492	
Glossy Grey (Cover Plates with Support Plate)				
CS25801GRNR	85381010	1 Module Plate	130	10
CS25802GRNR	85381010	2 Module Plate		
CS25803GRNR	85381010	3 Module Plate	165	
CS25804GRNR	85381010	4 Module Plate	178	
CS25806GRNR	85381010	6 Module Plate	252	
CS25808GRNR	85381010	8 Module Plate (Horizontal)	320	
CS25809GRNR	85381010	8 Module Plate (Vertical)	320	5
CS25812GRNR	85381010	12 Module Plate	413	
CS25816GRNR	85381010	16 Module Plate	470	
CS25818GRNR	85381010	18 Module Plate	517	

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	225	10
CS25802NR	85381010	2 Module Plate		
CS25803NR	85381010	3 Module Plate	265	
CS25804NR	85381010	4 Module Plate	298	
CS25806NR	85381010	6 Module Plate	450	
CS25808NR	85381010	8 Module - Horizontal	504	
CS25809NR	85381010	8 Module - Vertical	504	5
CS25812NR	85381010	12 Module Plate	652	
CS25816NR	85381010	16 Module Plate	696	
CS25818NR	85381010	18 Module Plate	843	

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	294	10
CS25802NR	85381010	2 Module Plate		
CS25803NR	85381010	3 Module Plate	322	
CS25804NR	85381010	4 Module Plate	339	
CS25806NR	85381010	6 Module Plate	579	
CS25808NR	85381010	8 Module Plate - Horizontal	668	
CS25809NR	85381010	8 Module Plate - Vertical	668	5
CS25812NR	85381010	12 Module Top Plate	865	
CS25816NR	85381010	16 Module Top Plate	967	
CS25818NR	85381010	18 Module Plate	1028	

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

Fabricated Metal Boxes - Elusio, Divino, Primo Plus, Primo & Bridgg

Product Code	HSN Code	Description	Dimension LxHxD (mm)	MRP (₹)	Std. Pkg. (Nos.)
CG24271NR	85381010	1 Module Box	75 X 75 X 50	88	10
CG24271NR	85381010	2 Module Box	75 X 75 X 50		
CG24272NR	85381010	3 Module Box	100 X 75 X 50	104	
CG24273NR	85381010	4 Module Box	135 X 76 X 50	128	
CG24274NR	85381010	6 Module Box	210 X 75 X 50	180	5
CG24275NR	85381010	8 Module Box (4 +4)	134 X 140 X 52	208	
CG24276NR	85381010	8 Module Box (Horizontal)	232 X 79 X 52		
CG24277NR	85381010	12 Module Box	210 X 140 X 50	255	
CG24279NR	85381010	16 Module Box	210 X 140 X 60	320	7
CG24278NR	85381010	18 Module Box	210 X 210 X 56	360	5

* 10M Top Plate shall be fitted in 8M (4+4) Vertical Metal Box (i.e. CG 24 275)
* 5M Top Plate Shall be fitted in 4M Metal Box (i.e. CG 24 273)
* Deep Drawn Metal Boxes are available on request.

CS20114NR

CS20123NR

CS20511NR

CS20801NR

CS20370NR

CS20228NR

CS20251NR

Switches

Product Code - Pure White	HSN Code	Description	Type	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
One-Way Switches						
CS20113NR	85361010	6A, 250V	General	1	91	20
CS20114NR	85361010	6A, 250V	Luminous	1	127	
CS20115NR	85361010	6A, 250V	Luminous	2	143	10
CS20573NR	85361020	16A, 250V	General	1	160	20
CS20574NR	85361020	16A, 250V	Luminous	1	190	
CS20575NR	85361020	16A, 250V	Luminous	2	196	10
CS20117NR	85361020	25A, 250V	General	1	213	20
CS20118NR	85361020	25A, 250V	Luminous	1	234	
CS20119NR	85361020	25A, 250V	General	2	240	10
CS20120NR	85361020	25A, 250V	Luminous	2	249	
Two-Way Switches						
CS20123NR	85361010	6A, 250V	General	1	150	20
CS20124NR	85361010	6A, 250V	General	2	157	10
CS20578NR	85361020	16A, 250V	General	1	206	20
CS20579NR	85361020	16A, 250V	General	2	211	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	130	20
CS20508NR	85361010	6A, Bell Push	Luminous	1	150	
CS20510NR	85361010	6A, Bell Push	General	2	162	10
CS20511NR	85361010	6A, Bell Push	Luminous	2	166	
Blanking Module						
CS20056NR	85381010	1M Blank	General	1	27	40
Product Code - Pure White	**HSN Code**	**Description**		**No. Modules**	**MRP (₹)**	**Std. Pkg. (Nos.)**
Neon Indicator						
CS20631NR	85361010	Neon Indicator Red		1	98	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	443	10
CS20828NR	85361010	5 Step Fan Regulator 120 W	2	531	10
CS20827NR	85361010	4-Step Fan Regulator 100W	1	369	20
CS20801NR	85361010	Rotary Type Dimmer 500W	2	467	10
CS20804NR	85361010	Rotary Type Dimmer 300W	1	336	20
Sockets with Safety Shutters					
CS20370NR	85361010	6A, 3 Pin	2	125	10
CS20352NR	85361020	6/16A, 6 Pin	3	264	6
CS20354NR	85361020	6/16A, Socket Projected	2	239	10

Product Code - Pure White	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
TV Socket / Flex Outlet					
CS20228NR	85361010	TV Socket	1	114	20
CS20237NR	85361010	Flex Outlet	1	83	

Product Code - Pure White	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
Telephone / Computer Socket					
CS20251NR	85361010	RJ 11, Telephone Jack	1	126	20
CS20272NR	85361010	RJ 45, Computer Jack CAT6	1	640	
CS20273NR	85361010	RJ 45, Computer Jack CAT6a	1	1123	

CS20636NR

Buzzer

Product Code	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS20636NR	85044030	Buzzer	1	641	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	1005	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	583	1

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

CS20611NR

CS20609NR

DND/MMR Switch Units					
CS20610NR	85361010	DND/MMR External Unit	1+1	261	10
CS20611NR	85361010	DND/MMR Internal Unit	1+1	239	10
CS20609NR	85361010	Indicator	1	103	20
Skirt Light & Night Lamp					
CS20632NR	94051090	Skirt Light	2	445	10
CS20633NR	94051090	Night Lamp	2	411	10

CS20632NR

CS20633NR

Modular Miniature Case Circuit Breaker - WiNtrip 'S'

CS20431NR

CS20443NR

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	258	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	594	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'			

CS26401WNR

Power Unit with Metal Box

Product Code - Pure White		Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS26401WNR	85371000	Power Unit Combo 16A MCB Protected Socket	4	863	1

CS20364NR

Single Phase Motor Starter

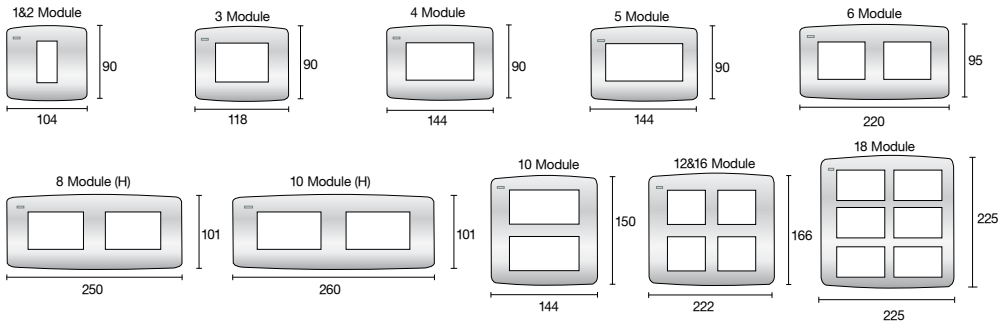
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CS20364NR	85361020	Motor Starter 16A	747	10
CS20366NR	85361020	Motor Starter 25A		

Top Plates with Support Plate

Product Code - Pure White	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CS25701WHNR	85381010	1 Module Plate	94	10
CS25702WHNR	85381010	2 Module Plate		
CS25703WHNR	85381010	3 Module Plate	147	
CS25704WHNR	85381010	4 Module Plate	154	
CS25705WHNR	85381010	5 Module Plate (Compatible with 4M Metal Box)		
CS25706WHNR	85381010	6 Module Plate	209	
CS25707WHNR	85381010	8 Module-Horizontal	277	
CS25709WHNR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)		
CS25710WHNR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)	277	5
CS25711WHNR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)	277	10
CS25712WHNR	85381010	12 Module Plate	347	5
CS25716WHNR	85381010	16 Module Plate (Compatible With 12M Metal Box)	437	
CS25718WHNR	85381010	18 Module Plate	452	
Red / Yellow/ Green/ Blue / Grey Plates				
CS25701NR	85381010	1 Module Plate	107	10
CS25702NR	85381010	2 Module Plate		
CS25703NR	85381010	3 Module Plate	155	
CS25704NR	85381010	4 Module Plate	161	
CS25705NR	85381010	5 Module Plate (Compatible With 4M Metal Box)		
CS25706NR	85381010	6 Module Plate	218	
CS25707NR	85381010	8 Module Horizontal	280	
CS25709NR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)		
CS25710NR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)	280	5
CS25711NR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)	280	10
CS25712NR	85381010	12 Module Plate	374	5
CS25716NR	85381010	16 Module Plate (Compatible With 12M Metal Box)	456	
CS25718NR	85381010	18 Module Plate	523	
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	203	10
CS25702WNNR	85381010	2 Module Plate		
CS25703WNNR	85381010	3 Module Plate	258	
CS25704WNNR	85381010	4 Module Plate	280	
CS25705WNNR	85381010	5 Module Plate (Compatible With 4M Metal Box)		
CS25706WNNR	85381010	6 Module Plate	357	
CS25707WNNR	85381010	8 Module Horizontal	513	
CS25709WNNR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)		
CS25710WNNR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)	513	5
CS25711WNNR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)	513	10
CS25712WNNR	85381010	12 Module Plate	631	5
CS25716WNNR	85381010	16 Module Plate (Compatible With 12M Metal Box)	668	
CS25718WNNR	85381010	18Module Plate	793	

GN RD YL BL GR

Cover Plate Sizes (All dimensions in mm)



WiNtrip 'S'

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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	240	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	571	6
CG20439RNR	85361010	10A Double Pole 4.5kA-Tripping Curve 'C'			
CG20440RNR	85361020	16A Double Pole 4.5kA-Tripping Curve 'C'			
CG20441RNR	85361020	20A Double Pole 4.5kA-Tripping Curve 'C'			
CG20442RNR	85361020	25A Double Pole 4.5kA-Tripping Curve 'C'			
CG20443RNR	85361020	32A Double Pole 4.5kA-Tripping Curve 'C'			

Non-Modular Miniature Case Circuit Breaker - WiNtrip 'S'

CS20436NR CS20438NR

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	240	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	571	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.

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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.

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TYPE 2 CO-ORDINATION CHART

For Type2 Co-Ordination Chart kindly visit to our website: www.cselectric.co.in

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- Rated Voltage: 415V AC
- Internal Arc Protected Design (IEC 61641)
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- Seismic Zone: 4

NOTES:

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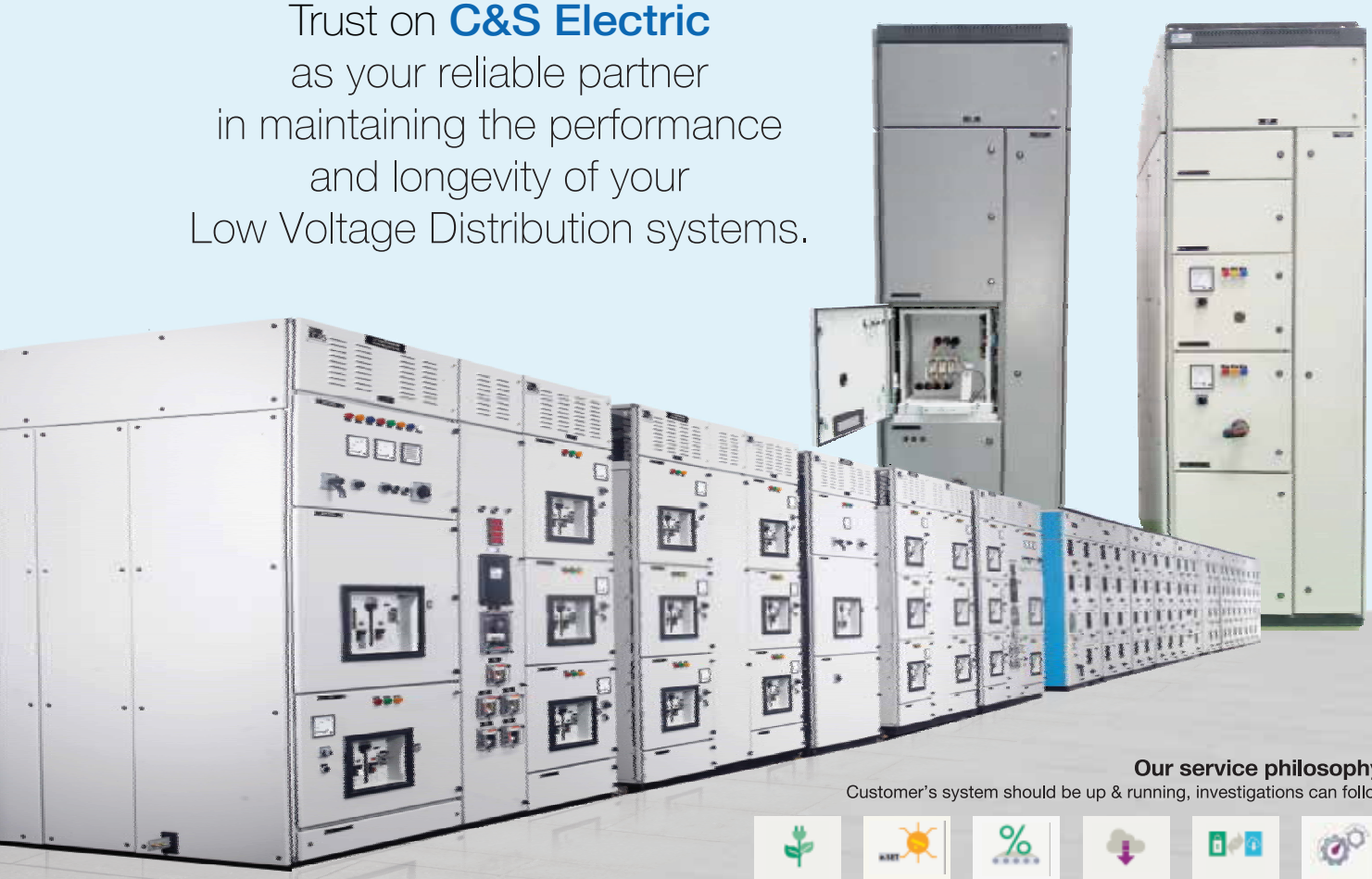

Our service philosophy:
Customer's system should be up & running, investigations can follow

Future ready | Easy Operation | Shorter downtime | Easy upgrade | Enhanced safety | High system availability

We touch your electricity everyday!

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C&S electric

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- Strengthen C&S brand image & reputation in the market

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(9:00 AM to 6:00 PM)

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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.)

Dy. Manager - Mr. Praveen Chauhan " ≥ 72 Hours"
Email: praveen.chauhan@cselectric.co.in

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

Sr.VP - Mr. P. Anandan " ≥ 120 Hours"
Email: anandan.p@cselectric.co.in

*Refer complete service directory for contact details of service team

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Marketing offices spread all over India

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