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# PRICE LIST

w.e.f 1st June, 2026

## LV Components & Solutions





We touch your electricity everyday!

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# We touch your electricity everyday!

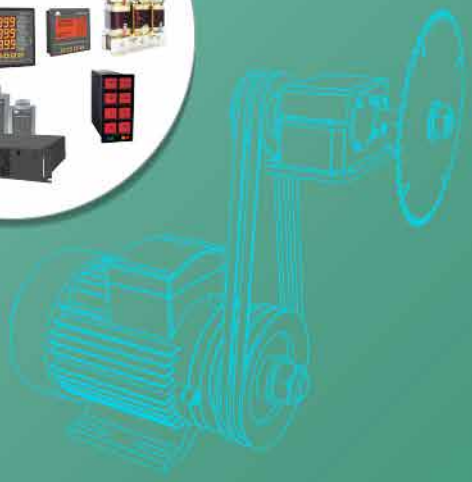
- Air Circuit Breakers
- Moulded Case Circuit Breakers
- Automatic Transfer Switch
- Motor Protection Circuit Breakers
- Power Contactors
- Control & Signalling Devices
- Meters
- Surge Protection Devices

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







- 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



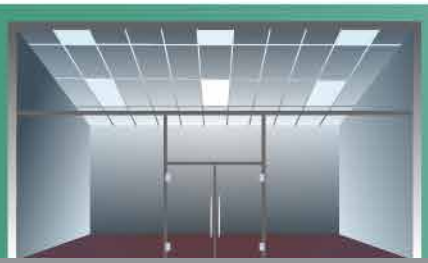


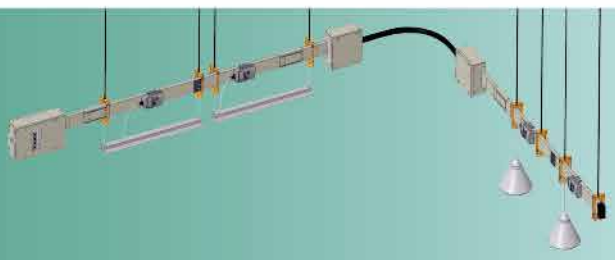



- Miniature Circuit Breakers
- Residual Current Circuit Breakers
- Distribution Boards
- RCBO
- Modular Switches









- 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

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# BUILT TO KEEP RUNNING

# INTELLIGENT RELEASE




## Micropro Series

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

## WiNmaster3 Air Circuit Breakers - Operational Voltage upto 690V

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

**Price on Request**

**[HSN Code: 8536]**

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

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

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

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

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

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

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

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

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

## WiNmaster3 Air Circuit Breakers - Operational Voltage 800V

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

**Price on Request**

**[HSN Code: 8536]**

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

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

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

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

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

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

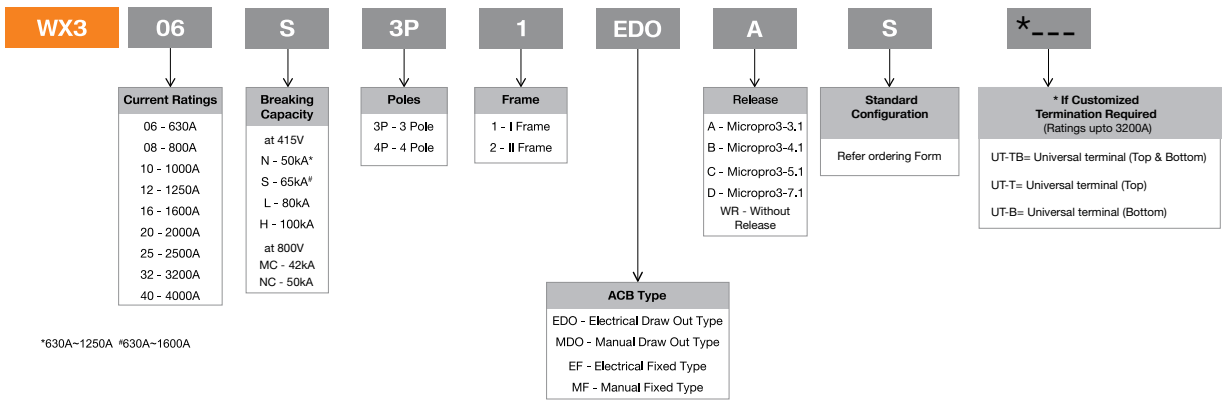
**4 Pole MF Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics**

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

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

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

### ACB WiNmaster3 - Ordering Information



# WiNmaster3 ACB Order Form

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

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

**Frame1 ACB**

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

Product Code

Breaking Capacity

| 630A ~1250A | 630A ~1600A | 630A ~2500A |
|---|---|---|
| ☐ 50kA 415V / 36kA 690V | ☐ 65kA 415V / 42kA 690V | ☐ 80kA 415V / 50kA 690V<br>☐ 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) | POR | POR |
| 800 | 50kA | WX08N3P*A(S) | | |
| 1000 | 50kA | WX10N3P*A(S) | | |
| 1250 | 50kA | WX12N3P*A(S) | | |
| 1600 | 50kA | WX16N3P*A(S) | | |
| 2000 | 50kA | WX20N3P*A(S) | | |
| 2500 | 50kA | WX25N3P*A(S) | | |

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

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

### Air Circuit Breaker with Intelligent Release Micropro2-3.1

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

| Rating (Amps) | Breaking Capacity Icu=Ics=Icw (1sec) | Reference | MRP (₹) | |
|---|---|---|---|---|
| | | | *MF | *EF |
| 630 | 50kA | WX06N4P*A(S) | POR | POR |
| 800 | 50kA | WX08N4P*A(S) | | |
| 1000 | 50kA | WX10N4P*A(S) | | |
| 1250 | 50kA | WX12N4P*A(S) | | |
| 1600 | 50kA | WX16N4P*A(S) | | |
| 2000 | 50kA | WX20N4P*A(S) | | |
| 2500 | 50kA | WX25N4P*A(S) | | |

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

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

### List Price & Reference Code changes for ACB with Neutral CT

| | | |
|---|---|---|
| For ACB with NCT add to the above price of 3 Pole ACB with MP2 3.1 | ADD | 11510 |

| | 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 9330 | B |
| MicroPro2 7.1 | LSING, Earth Leakage Protection, Trip History, Over & under voltage/ Frequency, voltage imbalance, current imbalance, Reverse power, Phase Sequence, Leakage Alarm, Current imbalance Protection, Fault Indication, current, voltage and power display with maximeter feature with inbuilt communication | Add 70050 | C |
| Without Release | For ordering ACB without release ( Reduce from MRP of ACB with Micropro2 - 3.1 release) | Reduce 8500 | WR |

**NOTES:**

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

## WiNmaster2/3 Air Circuit Breaker Accessories

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

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

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

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

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

**3. Accessories** **[HSN Code: 8538]**

| Sl. No. | Compatible with | Description | Reference | MRP (₹) |
|---|---|---|---|---|
| 3.1 | WM2 / WM3 | Universal Charging Motor-Common for 630A-2500A (for 220VAC/DC) | CS-WM2-AMH-AV-A-M | 57790 |
| 3.2 | WM2 / WM3 | Universal Charging Motor-Common for 630A-2500A (for 415VAC) | CS-WM2-AMH-AU-A1-N | 57790 |
| 3.3 | WM2 / WM3 | Universal Charging Motor-Common for 630A-2500A (for 110VAC/DC) | CS-WM2-AMH-AS-A1-F | 57790 |
| 3.4 | WM3 | Universal Charging Motor for Frame2, Common for 800A-4000A (for 220VAC/DC) | CS-WM3-AMH-AV-A2-M | 57790 |
| 3.5 | WM3 | Universal Charging Motor for Frame2, Common for 800A-4000A (for 415VAC) | CS-WM3-AMH-AU-A2-N | 57790 |
| 3.6 | WM3 | Universal Charging Motor for Frame2, Common for 800A-4000A (for 11 0VAC/DC) | CS-WM3-AMH-AS-A2-F | 57790 |
| 3.7 | WM2 / WM3 | LIFTER | LIFTER (580x600)* | 242330 |
| | | | LIFTER-SPL (690x570)* | 266430 |
| 3.8 | WM2 / WM3 | Mismatch Prevention Device | CS-WM2-MIP-AB | 2610 |
| 3.9 | WM2 | Panel Door Interlock (Drawout) | CS-WM2-PDL-AB | 3730 |
| 3.10 | WM2 / WM3 | Mechanical interlock for interlocking 2 ACBs (Drawout) | CS-WM2-MIL-HD | 61380 |
| 3.11 | WM2 / WM3 | Mechanical interlock for interlocking 2 ACBs (Fixed) | CS-WM2-MIL-HF | 47680 |
| 3.12 | WM2 / WM3 | Key Lock (1 Lock + 1 Key) | CS-WM2-AKI-AB | 10490 |
| 3.13 | WM2 / WM3 | Key Lock ( 3 Lock + 2 Key) | CS-WM2-AKI-1-AB | 10960 |
| 3.14 | WM2 / WM3 | Key Lock ( 2 Lock + 1 Key) | CS-WM2-AKI-2-AB | 8370 |
| 3.15 | WM2 / WM3 | Mechanical operation counter | CS-WM2-ASC-ABC | 4800 |
| 3.16 | WM2 / WM3 | Ready to close contact | CS-WM2-RTC-ABC | 2610 |
| 3.17 | WM2 / WM3 | Phase Barrier - 3 Pole (Drawout) ACB | CS-WM2-PB-3P | 3290 |
| 3.18 | WM2 / WM3 | Phase Barrier - 4 Pole (Drawout) ACB | CS-WM2-PB-4P | 4620 |
| 3.21 | WM2 / WM3 | Panel Door Interlock (Fixed) ACB | CS-WM2-PDLF-AB | 3450 |
| 3.22 | WM2 / WM3 | Phase Barrier- 3Pole (Fixed) ACB | CS-WM2-PBF-3P | 3660 |
| 3.23 | WM2 / WM3 | Phase Barrier- 4Pole (Fixed) ACB | CS-WM2-PBF-4P | 5190 |
| 3.24 | WM2 / WM3 | Position Indication Switch | CS-WM2-ALB-AB | 7790 |
| 3.25 | WM2 / WM3 | Auxiliary Switch (6NO+6NC) | CS-WM2-AXH-6A6B | 7400 |
| 3.26 | WM2 / WM3 | IP54 cover for Drawout ACB- Frame-1 | CS-WM3-CVRIP54-FR1 | 18270 |
| 3.27 | WM3 | IP54 cover for Drawout ACB- Frame-2 | CS-WM3-CVRIP54-FR2 | 23290 |
| 3.28 | WM3 | Panel Door Lock (Drawout) ACB | CS-WM3-DOOR-INT-DRAB | 1600 |

* in (mm)

****Options for Coil Voltage**

| Description | AC Control Voltage | | | DC Control Voltage | | | |
|---|---|---|---|---|---|---|---|
| | 110V | 220-250V | 380-440V | 24V | 48V | 110V | 220V |
| UVT | FA | MA | NA | - | - | FD | MD |

| Shunt & Closing Coil | 100/130V AC/DC | 220-250V AC/DC | 380V AC | 24V DC | 28V DC |
|---|---|---|---|---|---|
| | F | M | N | BD | ED |

**NOTES:** All configurable products are non stockable.

# WiNmaster2 ACB Order Form

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

| CUSTOMER NAME | ORDER NO. & DATE | DELIVERY DATE | END USER / PANEL BUILDER NAME & PHONE NO. |
|---|---|---|---|
| | | | |

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

**MOUNTING**

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

**OPERATION**

☐ MANUAL ☐ ELECTRICAL

- UVT: ☐ 110V AC ☐ 220~250V AC ☐ 380~440V AC ☐ 110V DC ☐ 220V DC
- CLOSING COIL: ☐ 110V AC/DC ☐ 220V AC/DC ☐ 415V AC ☐ 24V DC ☐ 48V DC
- SHUNT TRIP COIL: ☐ 110V AC/DC ☐ 220V AC/DC ☐ 415V AC ☐ 24V DC ☐ 48V DC
- MOTOR: ☐ 110V AC/DC ☐ 220V AC/DC ☐ 415V AC ☐ 415V AC

**RELEASES**

MICROPROCESSOR RELEASE

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

Control Voltage: 220V AC

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

MAIN CT RATING _____ A,

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

**ACCESSORIES**

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

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

☐ Mechanical Counter
☐ Neutral CT

| SPECIAL REQUIREMENT/ ACCESSORIES (IF ANY) | |
|---|---|

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

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

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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) | 202280 | 277020 |
| 800 | 50kA | AHA08N3P*MP3.1(S) | 202280 | 277020 |
| 1000 | 50kA | AHA10N3P*MP3.1(S) | 209290 | 286790 |
| 1250 | 50kA | AHA12N3P*MP3.1(S) | 250890 | 338110 |
| 1600 | 50kA | AHA16N3P*MP3.1(S) | 265300 | 340900 |
| 2000 | 50kA | AHA20N3P*MP3.1(S) | 326680 | 443800 |
| 2500 | 50kA | AHA25N3P*MP3.1(S) | 393500 | 478240 |
| 3200 | 65kA | AH30DCSMP3.1*(S) | 589090 | 691120 |
| 4000 | 85kA | AH40DCSMP3.1*(S) | 949090 | 1033800 |

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

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

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

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

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

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

**NOTES:** All configurable products are non stockable.

## Air Circuit Breaker AH / AHA

**630A~6300A**

**(III) ACB with Thermal Magnetic Release**

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

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

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

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

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

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

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

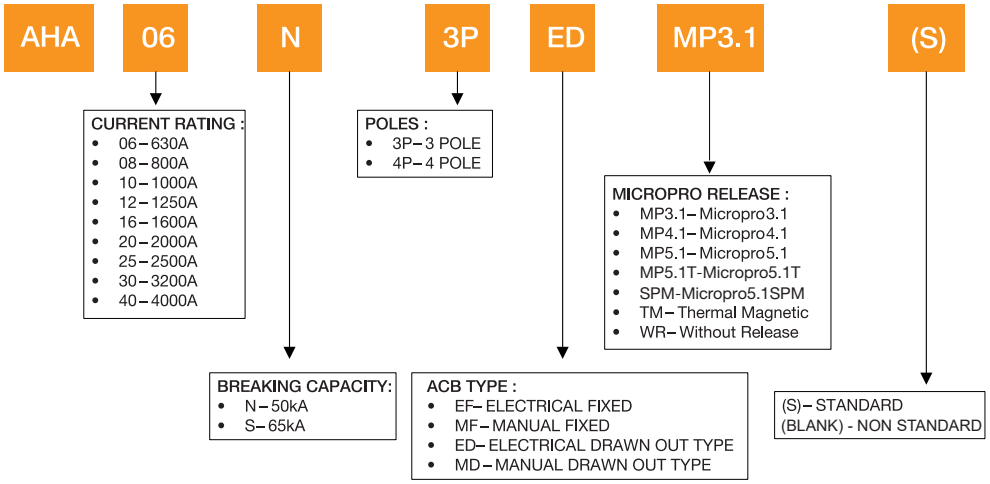
| Rating (Amps) | Breaking Capacity Icu=Ics=Icw (1sec) | Reference | MRP (₹) | |
|---|---|---|---|---|
| | | | *MD | *ED |
| 630 | 50kA | AHA06N3P*TM(S) | 259630 | 335270 |
| 800 | 50kA | AHA08N3P*TM(S) | 262450 | 345370 |
| 1000 | 50kA | AHA10N3P*TM(S) | 269620 | 349720 |
| 1250 | 50kA | AHA12N3P*TM(S)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

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

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

**NOTES:** All configurable products are non stockable.

## AHA ACB – ORDERING INFORMATION




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

**NOTES:**

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

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

**NOTES:**

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



## Air Circuit Breaker (B-Type)

**630A~2000A**

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

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

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

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

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

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

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

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

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

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



**NOTES:** All configurable products are non stockable.

## Main Accessories For "AH/AHA" ACB

(Please specify ACB rating & type while placing orders)

**[HSN Code: 8538]**



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

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

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



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

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

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

**NOTES:** All configurable products are non stockable.

## Main Accessories For "AH/AHA" ACB

(Please specify ACB rating & type while placing orders)



### 4. Auxiliary Switch

[HSN Code: 8538]

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



### 5. UVT Device

[HSN Code: 8538]

| Sl. No. | Description | Reference | MRP (₹) |
|---|---|---|---|
| 5.1 | Compact UVT Coil6D-16D/06N-20S | CS-AUH-V-A-** | 8940 |
| 5.2 | 20D-40D/25N-40S / 50C-60C | CS-AUH-V-B-** | 8940 |



### 6. Shunt Trip and Closing Coil

[HSN Code: 8538]

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

**Please specify voltage while ordering

**Options for Coils Voltage

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

[HSN Code: 8538]

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

**NOTES:** All configurable products are non stockable.







# AH / AHA ACB Order Form

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

## AH/AHA ACB ORDER FORM

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

PRODUCT REFERENCE  AH ☐  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

# B-Type ACB Order Form

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

## B TYPE ORDER FORM

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

PRODUCT REFERENCE

**RATING OF ACB REQUIRED**

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

**NO. OF POLES**

3 POLE ☐

BREAKING CAPACITY : _____

**STANDARD CONFIGURATION**

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

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

**RELEASE**

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

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

**Thermal Magnetic :**

Earth Fault : Reqd. ☐  Not Reqd. ☐

CT Rating ☐  NCT Rating ☐

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

**ACCESSORIES**

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

**Special Requirements,If any**

**NOTES**

(1) Neutral CT is required alongwith MicroPro Release having Ground-Fault Protection for 3P ACB, used for 3 phase 3 wire system. This has to be mounted on Earth / NeutralBusbar of Panel.

(2) 220V AC Shunt is provided as standard.
* (220V AC input is required)

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C&S electric




# BUILT FOR BIG POWER



## WiNbreak1 MCCB

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

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

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

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

| Size | Rated Current (Amps) | Breaking capacity Icu at 415V AC | 3 Pole Reference | MRP (₹) | 4 Pole Reference | MRP (₹) |
|---|---|---|---|---|---|---|
| Frame 1 | 63, 80, 100 | 25kA | CSE1M125ATM3P-* | 12810 | CSE1M125ATM4P-* | 16920 |
| | 125 | | CSE1M125ATM3P-* | 17550 | CSE1M125ATM4P-* | 19730 |
| Frame 2 | 160 | | CSE2M250ATM3P-* | 21350 | CSE2M250ATM4P-* | 25590 |
| | 200 | | CSE2M250ATM3P-* | 26960 | CSE2M250ATM4P-* | 30750 |
| | 250 | | CSE2M250ATM3P-* | 31910 | CSE2M250ATM4P-* | 36290 |
| Frame 3 | 320 | | CSE3M400ATM3P-* | 42530 | CSE3M400ATM4P-* | 49690 |
| | 350 | | CSE3M400ATM3P-* | 42530 | CSE3M400ATM4P-* | 49690 |
| | 400 | | CSE3M400ATM3P-* | 43170 | CSE3M400ATM4P-* | 52450 |
| Frame 1 | 63, 80, 100 | 36kA | CSE1NN125ATM3P-* | 15390 | CSE1NN125ATM4P-* | 19300 |
| | 125 | | CSE1NN125ATM3P-* | 17980 | CSE1NN125ATM4P-* | 20980 |
| Frame 2 | 160 | | CSE2NN250ATM3P-* | 24720 | CSE2NN250ATM4P-* | 31410 |
| | 200 | | CSE2NN250ATM3P-* | 30020 | CSE2NN250ATM4P-* | 33810 |
| Frame 3 | 320 | | CSE3NN400ATM3P-* | 42830 | CSE3NN400ATM4P-* | 50240 |
| | 350 | | CSE3NN400ATM3P-* | 42830 | CSE3NN400ATM4P-* | 50240 |
| | 400 | | CSE3NN400ATM3P-* | 43390 | CSE3NN400ATM4P-* | 53020 |
| Frame 4 | 500 | | CSE4NN630ATM3P-* | 52890 | CSE4NN630ATM4P-* | 66330 |
| | 630 | | CSE4NN630ATM3P-* | 52890 | CSE4NN630ATM4P-* | 66330 |
| Frame 1 | 63, 80, 100 | 50kA | CSE1S125ATM3P-* | 19110 | CSE1S125ATM4P-* | 23180 |
| | 125 | | CSE1S125ATM3P-* | 22400 | CSE1S125ATM4P-* | 28030 |
| Frame 2 | 160 | | CSE2S250ATM3P-* | 29590 | CSE2S250ATM4P-* | 37930 |
| | 200 | | CSE2S250ATM3P-* | 33500 | CSE2S250ATM4P-* | 40740 |
| | 250 | | #CSE2SX250ATM3P-* | 34240 | #CSE2SX250ATM4P-* | 42380 |
| | 250 | | CSE2S250ATM3P-* | 35850 | CSE2S250ATM4P-* | 44510 |
| Frame 3 | 320 | | CSE3S400ATM3P-* | 47950 | CSE3S400ATM4P-* | 55400 |
| | 350 | | CSE3S400ATM3P-* | 47950 | CSE3S400ATM4P-* | 55400 |
| | 400 | | CSE3S400ATM3P-* | 49870 | CSE3S400ATM4P-* | 57140 |
| Frame 4 | 500 | | CSE4S630ATM3P-* | 65880 | CSE4S630ATM4P-* | 80950 |
| | 630 | | CSE4S630ATM3P-* | 65880 | CSE4S630ATM4P-* | 80950 |

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

## WiNbreak1 MCCB



**Microprocessor Release 'MicroPro WB'**

- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 40A-630A, 3P & 4P
- Breaking capacity: 36kA-55kA
- Communication*
- Trip History
- LCD: Indication of measurement and information
- Suitable for isolation
- Adjustable over load from 0.4-1.0In
- Adjustable short circuit from 2-12Ir*
- 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 | 29130 | CSE1NN125ETM4P-40A | 34240 |
| | 25-63 | | CSE1NN125ETM3P-63A | 29130 | CSE1NN125ETM4P-63A | 34240 |
| | 40-100 | | CSE1NN125ETM3P-100A | 30870 | CSE1NN125ETM4P-100A | 35950 |
| | 50-125 | | CSE1NN125ETM3P-125A | 31880 | CSE1NN125ETM4P-125A | 39200 |
| Frame 2 | 63-160 | | CSE2NN250ETM3P-160A | 36590 | CSE2NN250ETM4P-160A | 43070 |
| | 80-200 | | CSE2NN250ETM3P-200A | 43450 | CSE2NN250ETM4P-200A | 53490 |
| Frame 3 | 160-400 | | CSE3NN400ETM3P-400A | 67550 | CSE3NN400ETM4P-400A | 84270 |
| Frame 4 | 250~630 | | CSE4NN630ETM3P-630A | 72620 | CSE4NN630ETM4P-630A | 91970 |

**ETM (with in-built Earth fault Protection) ● Adjustable Overload 40-100% ● 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 | 32240 | CSE1S125ETM4P-40A | 35990 |
| | 25-63 | | CSE1S125ETM3P-63A | 32240 | CSE1S125ETM4P-63A | 35990 |
| | 40-100 | | CSE1S125ETM3P-100A | 32240 | CSE1S125ETM4P-100A | 35990 |
| | 50-125 | | CSE1S125ETM3P-125A | 33000 | CSE1S125ETM4P-125A | 43350 |
| Frame 2 | 63-160 | | CSE2S250ETM3P-160A | 41070 | CSE2S250ETM4P-160A | 51440 |
| | 80-200 | | CSE2S250ETM3P-200A | 44060 | CSE2S250ETM4P-200A | 54330 |
| | 100-250 | | CSE2S250ETM3P-250A | 44240 | CSE2S250ETM4P-250A | 65210 |
| | 100-250 | | #CSE2SX250ETM3P-250A | 44730 | #CSE2SX250ETM4P-250A | 57120 |
| Frame 3 | 160-400 | | CSE3S400ETM3P-400A | 70870 | CSE3S400ETM4P-400A | 90530 |
| Frame 4 | 250~630 | | CSE4S630ETM3P-630A | 84880 | CSE4S630ETM4P-630A | 111500 |

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

## WiNbreak1 MCCB - Frame 'S'



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

**FMU (Thermal Magnetic) Release ● Adjustable Overload 80-100% ● 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 | 4720 | CSESK125FMU4P-*A | 5590 |
| | 63, 80, 100A | | CSESK125FMU3P-*A | 5700 | CSESK125FMU4P-*A | 7950 |
| | 125A | | CSESK125FMU3P-*A | 6220 | CSESK125FMU4P-*A | 8290 |
| | 16, 20, 25, 32, 40, 50 | 18kA | CSESL125FMU3P-*A | 7690 | CSESL125FMU4P-*A | 10680 |
| | 63, 80, 100A | | CSESL125FMU3P-*A | 7900 | CSESL125FMU4P-*A | 10910 |
| | 125A | | CSESL125FMU3P-*A | 8460 | CSESL125FMU4P-*A | 11940 |
| | 16, 20, 25, 32, 40, 50 | 25kA* | CSESMX125FMU3P-*A | 8350 | CSESMX125FMU4P-*A | 10880 |
| | 63, 80, 100A | | CSESMX125FMU3P-*A | 8690 | CSESMX125FMU4P-*A | 11420 |
| | 125A | | CSESMX125FMU3P-*A | 9110 | CSESMX125FMU4P-*A | 11980 |

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

## Single Pole MCCB



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

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

**[HSN Code: 8536]**

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

## WiNbreak1 MCCB

### MCCB for Motor Protection

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

**FMTU (Fixed Magnetic) Release ● MTU (Adjustable Magnetic) Release**
**● 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 | 13350 |
| | | 32 | CSE1S125FMTU3P-32A | 13350 |
| | | 50 | CSE1S125FMTU3P-50A | 13350 |
| | | 63 | CSE1S125MTU3P-63A | 13590 |
| | | 100 | CSE1S125MTU3P-100A | 13590 |
| | | 125 | CSE1S125MTU3P-125A | 15250 |
| Frame-2 | 50kA | 160 | CSE2S250MTU3P-160A | 23610 |
| | | 200 | CSE2S250MTU3P-200A | 30600 |
| | | 220 | CSE2S250MTU3P-220A | 38050 |
| | | 250 | CSE2S250MTU3P-250A | 38050 |
| Frame-3 | 50kA | 320 | CSE3S400MTU3P-320A | 50200 |
| | | 350 | CSE3S400MTU3P-350A | 50200 |
| | | 400 | CSE3S400MTU3P-400A | 50200 |
| Frame-4 | | 500 | CSE4S630MTU3P-500A | 51280 |
| | | 630 | CSE4S630MTU3P-630A | 51280 |

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

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

**NOTE:**

1. Please replace "*" with L as MCCB Left hand side position & R as MCCB right hand position
2. Maximum Possibilities for Internal Accessories
   a) 3 Pole, MCCB with Thermal Release, Any two accessories can be fitted at one time
   b) 4 Pole, MCCB with Thermal Release, Any Three accessories can be fitted at one time
   c) 3 Pole, MCCB with Microprocessor Release, Right hand seat is not available. Hence, one accessory can be fitted at one time
   d) 4 Pole, MCCB with Microprocessor Release, Any two accessories can be fitted at one time; Right hand seat is not available
   e) Alarm & combination switch can be fitted in left hand seat only on CSE3-4P Microprocessor Release MCCB
   f) UVT can be fitted only in left hand seat
   g) 3 & 4 Pole, CSES MCCB can have 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 | 3210 |
| CSE1 | EHW1-125 | 3580 |
| CSE2 | EHW1-250 | 4200 |
| CSE3 / CSE4 | EHW1-400-630 | 5030 |



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

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



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

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

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



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

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

* Factory fitted only



**Spreader Terminals for WB1 MCCB** **[HSN Code: 8538]**

| Suitable for use on MCCBs | | Current Rating (A) | Reference | MRP (₹) | MOQ |
|---|---|---|---|---|---|
| CSES | 3 Pole | 16 , 20, 25, 32, 40, 50, 63, 80, 90, 100, 125 | CSET0033 | 300 | Set of 3 |
| | 4 Pole | | CSET0044 | 450 | Set of 4 |
| CSE1 | 3 Pole | 16, 20, 32, 40, 50, 63 | CSET1033 | 300 | Set of 3 |
| CSE1 | 3 Pole | 80, 100, 125 | CSET1033C | 440 | Set of 3 |
| CSE1 | 4 Pole | 16, 20, 32, 40, 50, 63 | CSET1044 | 500 | Set of 4 |
| CSE1 | 4 Pole | 80, 100, 125 | CSET1044C | 630 | Set of 4 |
| CSE2 | 3 Pole | 160, 200 | CSET2033 | 740 | Set of 3 |
| CSE2 | 3 Pole | 250 | CSET2503-ST | 1200 | Set of 3 |
| CSE2 | 4 Pole | 160, 200 | CSET2044 | 1100 | Set of 4 |
| CSE2 | 4 Pole | 250 | CSET2504-ST | 1300 | Set of 4 |
| CSE3 | 3 Pole | 320, 350, 400 | CSET3033 | 2270 | Set of 3 |
| CSE3 | 4 Pole | 320, 350, 400 | CSET3044 | 3130 | Set of 4 |
| CSE4 | 3 Pole | 500, 630 | CSET4033-WB1 | 5960 | Set of 3 |
| CSE4 | 4 Pole | 500, 630 | CSET4044-WB1 | 8110 | Set of 4 |



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

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

**NOTES:**

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) | 37320 |
| CSE1MOP110VAC/DC | Motor Operator For Winbreak1 (CSE1 110V AC/DC) | 37320 |
| CSE1MOP220VAC/DC | Motor Operator For Winbreak1 (CSE1 220V AC/DC) | 37320 |
| CSE1MOP400VAC | Motor Operator For Winbreak1 (CSE1 400V AC) | 37320 |
| CSE2MOP24VDC | Motor Operator For Winbreak1 (CSE2 24V DC) | 41780 |
| CSE2MOP110VAC/DC | Motor Operator For Winbreak1 (CSE2 110V AC/DC) | 41780 |
| CSE2MOP220VAC/DC | Motor Operator For Winbreak1 (CSE2 220V AC/DC) | 41780 |
| CSE2MOP400VAC | Motor Operator For Winbreak1 (CSE2 400V AC) | 41780 |
| CSE3/4MOP24VDC | Motor Operator For Winbreak1 (CSE3/4 24V DC) | 61940 |
| CSE3/4MOP110VAC/DC | Motor Operator For Winbreak1 (CSE3/4 110V AC/DC) | 61940 |
| CSE3/4MOP220VAC/DC | Motor Operator For Winbreak1 (CSE3/4 220V AC/DC) | 61940 |
| CSE3/4MOP400VAC | Motor Operator For Winbreak1 (CSE3/4 400V AC) | 61940 |



| **Earth Fault Relay (with CBCT)** Suitable for 3 Phase 3 wire distribution network | | | [HSN Code: 8538] |
|---|---|---|---|
| **Rating (Amps)** | **Earth Fault Relay Setting Range** | **Reference** | **MRP (₹)** |
| 32A | 3.2~32A | EFR-CBCT125-AF-32 | 9620 |
| 40A | 4~40A | EFR-CBCT125-AF-40 | 9620 |
| 63A | 6.3~63A | EFR-CBCT125-AF-63 | 9620 |
| 80A | 8~80A | EFR-CBCT125-AF-80 | 9620 |
| 100A | 10~100A | EFR-CBCT125-AF-100 | 9620 |
| 125A | 12.5~125A | EFR-CBCT125-AF-125 | 10240 |
| 200A | 20~200A | EFR-CBCT250-AF-200 | 10240 |
| 250A | 25~250A | EFR-CBCT250-AF-250 | 11450 |
| 400A | 40~400A | EFR-CBCT400-AF-400 | 11450 |
| 630A | 63~630A | EFR-CBCT630-AF-630 | 13260 |
| 800A | 80~800A | EFR-CBCT800-AF-800 | 13260 |
| 1000A | 100~1000A | EFR-CBCT1250-AF-1000 | 20460 |
| 1250A | 125~1250A | EFR-CBCT1250-AF-1250 | 20460 |
| **Earth Fault Relay (with NCT)** Suitable for 3 Phase 4 wire distribution network | | | |
| 40A | 4~40A | EFR125-AF-40(N) | 8910 |
| 100A | 10~100A | EFR125-AF-100(N) | 8910 |
| 125A | 12.5~125A | EFR125-AF-125(N) | 9470 |
| 200A | 20~200A | EFR250-AF-200 | 9470 |
| 250A | 25~250A | EFR250-AF-250 | 10560 |
| 400A | 40~400A | EFR400-AF-400 | 10560 |
| 630A | 63~630A | EFR630-AF-630 | 12160 |
| 800A | 80~800A | EFR800-AF-800 | 12160 |
| 1000A | 100~1000A | EFR1250-AF-1000 | 20060 |
| 1250A | 125~1250A | EFR1250-AF-1250 | 20060 |
| **NCT WiNbreak1 ETM** (Microprocessor) 3 Pole MCCB if ground fault facility is required | | | |
| 40 | 40/0.1A | ETMNCT40A | 2940 |
| 63 | 63/0.1A | ETMNCT63A | 2940 |
| 80 | 80/0.1A | ETMNCT80A | 2940 |
| 100 | 100/0.1A | ETMNCT100A | 2940 |
| 125 | 125/0.1A | ETMNCT125A | 2940 |
| 160 | 160/0.1A | ETMNCT160A | 4110 |
| 200 | 200/0.1A | ETMNCT200A | 4110 |
| 250 | 250/0.1A | ETMNCT250A | 4110 |
| 400 | 400/0.1A | ETMNCT400A | 5620 |
| 630 | 630/0.1A | ETMNCT630A | POR |

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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 | 112500 | CS800NFMU*4P | 150540 |

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

| | | | | | | |
|---|---|---|---|---|---|---|
| Frame 4 | 800 | 65kA | ☒CS800NATU*3P | 126220 | CS800NATU*4P | 156500 |

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

| | | | | | | |
|---|---|---|---|---|---|---|
| Frame 4 | 800 | 65kA | ☒CS800NETS*3P | 145240 | CS800NETS*4P | 185310 |

**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 | 238460 | ☒CS800NETM43800A4PE | 278690 |

**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) | 5760 | UVT-T(..V) | 9360 | AX-T | 2730 | AL-T | 2960 | FAL-T | POR |

**NOTE :**

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







**Voltage Selection UVT & Shunt**

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

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

## WiNbreak2 MCCB



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

| Suitable for use on WB2 MCCBs | Direct Rotary Handle | MRP (₹) | Direct Rotary Handle with Keylock | MRP (₹) | Extended Rotary Handle | MRP (₹) |
|---|---|---|---|---|---|---|
| CS800 | ☒DH4-S | 8320 | ☒DHK4-S | 9850 | EH4-S | POR |



**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 | 22430 | MIT44 | 22900 |



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

| Suitable for MCCB Type | Control Voltage | Reference | MRP (₹) |
|---|---|---|---|
| CS800 | ☒24V DC | MOP4(..V) | 98420 |
| | ☒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 | 4980 | ☒PL 4 | 2650 |

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

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

☒non stockable items.

## WiNbreak MCCB - CSC Series



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

**FTM (Thermal Magnetic) Release ● Fixed 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* | 95190 | ☒CSC6N4* | 113650 |
| Frame 5 | 700, 800 | 65kA | - | - | CSC6S3* | 103130 | CSC6S4* | 130540 |
| Frame 5 | 700, 800 | 85kA | - | - | CSC6L3* | 219560 | CSC6L4* | 246990 |

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

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

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



**Accessories** **[HSN Code: 8538]**

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



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

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

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



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

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



**SS Enclosure for WB MCCB**

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

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

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

☒non stockable items.

## Accessories Switch Disconnectors Fuse Unit



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

| For Switch Type | Reference | MRP (₹) |
|---|---|---|
| CSSDF 32A - 160A | ☒CSSDFZW-16 | 7510 |
| CSSDF 200A - 800A | CSSDFZW-5 | 8420 |



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

| | | |
|---|---|---|
| CSSDF 32A - 160A | CSSDFZW-15 | 8820 |
| CSSDF 200A - 800A | CSSDFZW-4 | 9280 |



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

| | | |
|---|---|---|
| 1 NO + 1 NC CSSDF 32A - 63A for 3P | CSSDFZX46 | 1340 |
| 2 NO + 2 NC CSSDF 32A - 63A for 3P | CSSDFZX32 | 2450 |
| 1 NO + 1 NC CSSDF 32A - 63A for 2P & 4P | CSSDFZX46B | 1340 |
| 2 NO + 2 NC CSSDF 32A - 63A for 2P & 4P | ☒CSSDFZX32B | 2450 |
| 1 NO + 1 NC CSSDF 100A - 160A | CSSDFZX1 | 1340 |
| 2 NO + 2 NC CSSDF 100A - 160A | ☒CSSDFZX16 | 2450 |
| 1 NO + 1 NC CSSDF 200A - 400A | CSSDFZX33 | 1610 |
| 2 NO + 2 NC CSSDF 200A - 400A | CSSDFZX34 | 2980 |
| 1 NO + 1 NC CSSDF 630A - 800A | CSSDFZX35 | 1610 |
| 2 NO + 2 NC CSSDF 630A - 800A | ☒CSSDFZX36 | 2450 |



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

| | | |
|---|---|---|
| CSSDF 200A - 400A | HMK-1-2 | 3000 |
| CSSDF 630A - 800A | HMK-3-2 | 3170 |



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

| | | | | | | |
|---|---|---|---|---|---|---|
| 32A-63A | TPN | ET-323 | 810 | 4P | ET-324 | 980 |
| 100A-160A | TPN | ET-327 | 2020 | 4P | ET-328 | 2890 |
| 200A-400A | TPN | ET-329 | 5910 | 4P | ET-330 | 7200 |

☒non stockable items.

## Switch 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 | 2940 | ⊠E-CSSD25D3 | 6400 |
| | | | 4 | ⊠CSSD25D4 | 3880 | E-CSSD25D4 | 6970 |
| | Frame 1 | 40 | 3 | CSSD40D3 | 3150 | E-CSSD40D3 | 7370 |
| | | | 4 | CSSD40D4 | 6090 | ⊠E-CSSD40D4 | 8050 |
| | Frame 2 | 63 | 3 | CSSD63K3 | 4180 | ⊠E-CSSD63K3 | 8790 |
| | Frame 3 | | 4 | CSSD63D4 | 6670 | ⊠E-CSSD63D4 | 10550 |
| | Frame 3 | 125 | 3 | CSSD125D3 | 9360 | E-CSSD125D3 | 14740 |
| | Frame 3 | | 4 | CSSD125D4 | 11390 | ⊠E-CSSD125D4 | 16360 |
| NM-Series | Frame 1 | 125 | 3 | CSSD125NM3 | 10990 | E-CSSD125NM3 | 16230 |
| | | | 4 | CSSD125NM4 | 13540 | E-CSSD125NM4 | 20040 |
| | Frame 1 | 160 | 3 | ⊠CSSD160NM3 | 12240 | E-CSSD160NM3 | 18120 |
| | | | 4 | ⊠CSSD160NM4 | 14560 | E-CSSD160NM4 | 21600 |
| | Frame 1 | 200 | 3 | ⊠CSSD200NM3 | 15640 | E-CSSD200NM3 | 20320 |
| | | | 4 | CSSD200NM4 | 20280 | E-CSSD200NM4 | 26370 |
| | Frame 1 | 250 | 3 | CSSD250NM3 | 15830 | E-CSSD250NM3 | 23420 |
| | | | 4 | CSSD250NM4 | 21930 | ⊠E-CSSD250NM4 | 32520 |
| | Frame 2 | 315 | 3 | CSSD315NM3 | 20610 | E-CSSD315NM3 | POR |
| | | | 4 | CSSD315NM4 | 22250 | E-CSSD315NM4 | POR |
| | Frame 2 | 400 | 3 | CSSD400NM3 | 24710 | E-CSSD400NM3 | POR |
| | | | 4 | CSSD400NM4 | 29990 | E-CSSD400NM4 | POR |

**NOTE:**

1. Rotary Handle with door defeat Mechanism handle is available only for 25~125A (D&K Type).
2. Pistol Handle is available for complete range.
3. Switch 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 | 12310 | E-CSSD125DM3 | 16620 |
| | | | 4 | CSSD125DM4 | 15250 | ☒E-CSSD125DM4 | 20580 |
| | Frame 5 | 160 | 3 | CSSD160DM3 | 14080 | E-CSSD160DM3 | 18610 |
| | | | 4 | CSSD160DM4 | 16290 | E-CSSD160DM4 | 22370 |
| | Frame 5 | 200 | 3 | CSSD200DM3 | 17460 | E-CSSD200DM3 | 23750 |
| | | | 4 | CSSD200DM4 | 25940 | E-CSSD200DM4 | 30880 |
| | Frame 5 | 250 | 3 | CSSD250DM3 | 21290 | E-CSSD250DM3 | 28060 |
| | | | 4 | CSSD250DM4 | 26320 | E-CSSD250DM4 | 32810 |
| | Frame 5 | 315 | 3 | CSSD315DM3 | 24710 | E-CSSD315DM3 | 30700 |
| | | | 4 | CSSD315DM4 | 30040 | E-CSSD315DM4 | 35680 |
| | Frame 5 | 400 | 3 | CSSD400DM3 | 29950 | E-CSSD400DM3 | 36390 |
| | | | 4 | CSSD400DM4 | 34940 | E-CSSD400DM4 | 43100 |
| K-Series | Frame 6 | 630 | 3 | CSSD630K3 | 44390 | E-CSSD630K3 | 51950 |
| | | | 4 | CSSD630K4 | 52050 | E-CSSD630K4 | 60370 |
| | Frame 6 | 800 | 3 | CSSD800K3 | 52390 | E-CSSD800K3 | 60760 |
| | | | 4 | CSSD800K4 | 57760 | E-CSSD800K4 | 73110 |
| P-Series | Frame 7 New | 1000 | 3 | CSSD1000SB3 | 53550 | E-CSSD1000SB3 | 88030 |
| | | | 4 | CSSD1000SB4 | 76340 | E-CSSD1000SB4 | 115800 |
| | Frame 7 | 1000 | 3 | ☒CSSD1000P3 | 67900 | E-CSSD1000P3 | 98220 |
| | | | 4 | ☒CSSD1000P4 | 96790 | E-CSSD1000P4 | 129210 |
| | Frame 7 | 1250 | 3 | ☒CSSD1250P3 | 88530 | E-CSSD1250P3 | 120380 |
| | | | 4 | ☒CSSD1250P4 | 116990 | E-CSSD1250P4 | 158360 |
| | Frame 7 | 1600 | 3 | ☒CSSD1600P3 | 110860 | E-CSSD1600P3 | 150770 |
| | | | 4 | ☒CSSD1600P4 | 147810 | E-CSSD1600P4 | 201010 |
| | Frame 8 | 2000 | 3 | CSSD2000P3 | 231910 | E-CSSD2000P3 | 291100 |
| | | | 4 | CSSD2000P4 | 263470 | E-CSSD2000P4 | 325160 |
| | Frame 8 | 2500 | 3 | CSSD2500P3 | 281950 | E-CSSD2500P3 | 323060 |
| | | | 4 | CSSD2500P4 | 320400 | E-CSSD2500P4 | 360910 |
| | Frame 8 | 3150 | 3 | CSSD3150P3 | 327340 | E-CSSD3150P3 | 433220 |
| | | | 4 | CSSD3150P4 | 371960 | E-CSSD3150P4 | 503090 |

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

☒non stockable items.

## Switch Disconnectors (Moulded Construction)















| Accessories | | | [HSN Code: 8538] |
|---|---|---|---|
| **For Switch Type** | **Reference** | | **MRP (₹)** |
| **Key Interlocks (3 Locks - 2 Keys)** | | | |
| CSSD 125A-160A | CSSDZW - 16 | | 9260 |
| CSSD 200A-3150A | CSSDZW - 5 | | |
| **Castle Key Locks** | | | |
| CSSD 25A-160A | CSSDZW - 15 | | 7790 |
| CSSD 200A-3150A | CSSDZW - 4 | | |
| **Auxiliary Contacts** | **Pole** | **Reference** | |
| 1 NO + 1 NC CSSD 25A-40A | 3P | ⊠CSSDZX49 | 1210 |
| 2 NO + 2 NC CSSD 25A-40A | 3P | ⊠CSSDZX50 | 2290 |
| 1 NO + 1 NC CSSD 25A-40A | 4P | CSSDZX87 | 1210 |
| 2 NO + 2 NC CSSD 25A-40A | 4P | ⊠CSSDZX88 | 2290 |
| 1 NO + 1 NC CSSD 63A (K Type) | 3P | ⊠CSSDZX79 | 1210 |
| 2 NO + 2 NC CSSD 63A (K Type) | 3P | ⊠CSSDZX80 | 2290 |
| 1 NO + 1 NC CSSD 63~125A (D Type) | 3P | ⊠CSSDZX52 | 1210 |
| 2 NO + 2 NC CSSD 63~125A (D Type) | 3P | ⊠CSSDZX53 | 2290 |
| 1 NO + 1 NC CSSD 63A-125A | 4P | ⊠CSSDZX55 | 1210 |
| 2 NO + 2 NC CSSD 63A-125A | 4P | ⊠CSSDZX56 | 2290 |
| 1 NO + 1 NC CSSD 125A-160A (DM) | 3/4P | ⊠CSSDZX1 | 2290 |
| 2 NO + 2 NC CSSD 125A-160A (DM) | 3/4P | CSSDZX16 | 2290 |
| 1 NO + 1 NC CSSD 200A-400A (DM) | 3/4P | CSSDZX37 | 2290 |
| 2 NO + 2 NC CSSD 200A-400A (DM) | 3/4P | CSSDZX38 | 2290 |
| 1 NO + 1 NC CSSD 630A-800A | 3/4P | ⊠CSSDZX33 | 2290 |
| 2 NO + 2 NC CSSD 630A-800A | 3/4P | ⊠CSSDZX34 | 2290 |
| 1 NO + 1 NC CSSD 1000A-3150A | 3/4P | CSSDZX35 | 2290 |
| 2 NO + 2 NC CSSD 1000A-3150A | 3/4P | ⊠CSSDZX36 | 2290 |
| **Handle Mounting Kit (for independent mounting of O/E Switches)** | | | |
| CSSD 200A-400A (DM Type) | HMK-2 | | 3010 |
| CSSD 630A-800A | HMK-1-1 | | 3050 |
| CSSD 1000A-1600A | HMK-3-1 | | 3260 |

| Extended Terminals | Pole | Reference | MRP (₹) | Pole | Reference | MRP (₹) |
|---|---|---|---|---|---|---|
| 125A | 3P | ET-325 | 1090 | 4P | ET-326 | 1180 |
| 100A-160A | 3P | ET-327 | 1940 | 4P | ET-328 | 2760 |
| 200A-400A | 3P | ET-329 | 5650 | 4P | ET-330 | 6890 |

| | | |
|---|---|---|
| **Rotary Knob Handles** | | |
| CSSD 25A-125A (Moulded-Red/Yellow) | ⊠CSSDZX108 | 750 |
| CSSD 25A-125A (Moulded-Black) | CSSDZX111BL | |
| **Switch Handles** | | |
| CSSD 400A-800A (K Type) | CSWH145S12 | 2130 |
| CSSD 1000A-1600A (Moulded) | CSWH220S12 | 2730 |
| CSSD 2500A-3150A (Metallic) | CSDA8 | 3210 |
| CSSD 125A-160A (DM Type) | CSWH80S6 | 1230 |
| CSSD 200A-400A (DM Type) | ⊠CSWH80S8 | |
| **Switch Handle Shaft** | | |
| CSSD 25A-125A | ⊠CSP5X70 | 850 |
| CSSD 125A-160A (DM) | CAP6X165 | 550 |
| CSSD 200A-400A (DM) | ⊠CSP8X240 | |
| CSSD 630A-1600A | CSP12X255 | 960 |
| CSSD 2500A-3150A | CSP12X325 | 1170 |

## On Load Changeover Switches

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






### In Open Execution [HSN Code: 8536]

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

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

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

**NOTES:**

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

## ACCESSORIES

### Auxiliary Contacts for NM Type Changeover

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

⊠non stockable items.

## Bypass Switches

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

**In Open Execution** **[HSN Code: 8536]**

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

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

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

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

## Bypass Switches

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

### Accessories for Changeover -Type DM/K/P

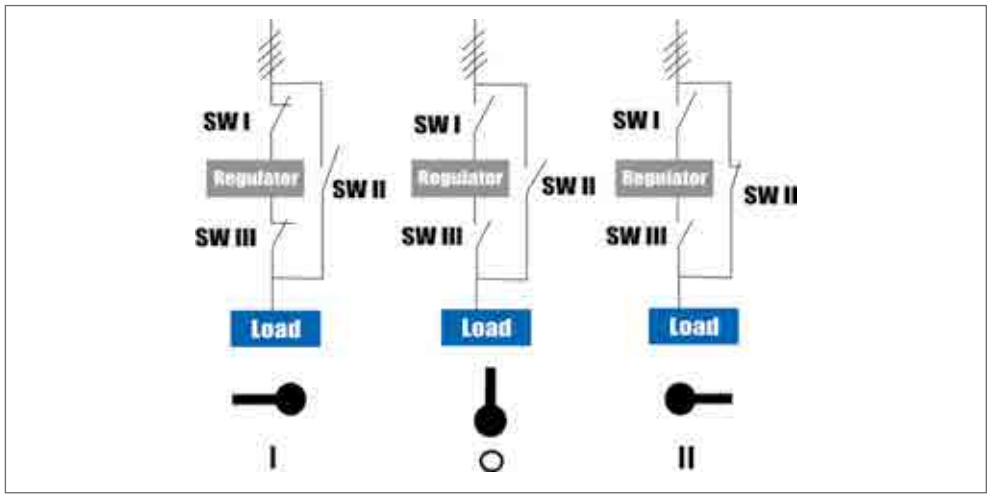
**Auxiliary Contacts** **[HSN Code: 8538]**

| Contacts Configuration | For Switch Type | Qty./Switch | Reference | MRP (₹) |
|---|---|---|---|---|
| 1 NO + 1 NC | CSCS/CSBS 63A-160A<br>Upper CSCF 125A-160A | 1 | ☒CSCSZX1-U | 1310 |
| 1 NO + 1 NC | CSCS/CSBS 63A-160A<br>Lower CSCF 125A-160A | 1 | ☒CSCSZX1-L | 1310 |
| 2 NO + 2 NC | CSCS/CSBS 63A-160A<br>Upper CSCF 125A-160A | 1 | ☒CSCSZX3-U | 2550 |
| 2 NO + 2 NC | CSCS/CSBS 63A-160A<br>Lower CSCF 125A-160A | 1 | CSCSZX3-L | 2550 |
| 1 NO + 1 NC | CSCS/CSBS 200A-1600A<br>CSCF 200A-800A | 2 | CSCSZX2 | 2610 |
| 2NO + 2 NC | CSCS/CSBS 200A-1600A<br>CSCF 200A-800A | 2 | CSCSZX4 | 5060 |

### Bypass Switch application

**Table of Operation**

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



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

LT Heavy Duty 4 Pole Changeover Switch Disconnector Fuse unit comprising of two Switches, 32A - 800A, 415V, 50Hz mounted on common 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 ChangeoverLoad 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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# ATS
## Automatic / Motorized Transfer Switch

### Key Features:

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

### Applications:

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

# Automatic Transfer Switch

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



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

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

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

## Ordering Information

| CATS | 1F | 40A | – |
|---|---|---|---|
| Series | Frame Size: 1F-Frame1, 2F-Frame2, 3F-Frame3, 4F-Frame4, 5F-Frame5, 6F-Frame6, 7F-Frame7 | Current Rating: 40A, 63A, 80A / 100A, 125A / 160A / 200A, 250A / 315A, 400A, 630A / 800A, 1000A, 1250A, 1600A / 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 | 49290 |
| | 63A | 4 | CMTS1F63A | 50430 |
| Frame-2 | 100A | 4 | CMTS2F100A | 52790 |
| | 125A | 4 | CMTS2F125A | 75040 |
| Frame-3 | 160A | 4 | CMTS3F160A | 80490 |
| Frame-4 | 200A | 4 | CMTS4F200A | 107390 |
| | 250A | 4 | CMTS4F250A | 114970 |
| Frame-5 | 315A | 4 | CMTS5F315A | 161000 |
| | 400A | 4 | CMTS5F400A | 162930 |
| | 630A | 4 | CMTS5F630A | 212140 |
| Frame-6 | 800A | 4 | CMTS6F800A | 340520 |
| | 1000A | 4 | CMTS6F1000A | 341750 |
| | 1250A | 4 | CMTS6F1250A | 379110 |
| | 1600A | 4 | CMTS6F1600A | 476710 |
| Frame-7 | 2000A | 4 | CMTS7F2000A | 749150 |
| | 2500A | 4 | CMTS7F2500A | 976140 |
| | 3200A | 4 | CMTS7F3200A | 1203160 |

# DC FUSE



## Key Features

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

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

## HRC Fuse Link, Fuse Base & Fuse Holder

**Range: 2A~800A**

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







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

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

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



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

| IS/IEC Size | In A | Reference | MRP (₹) | Std. Pkg. (Nos) |
|---|---|---|---|---|
| 00 | 160 | CSDFB00 | 910 | 3 |
| 1 | 250 | CSDFB1 | 1660 | |
| 2 | 400 | CSDFB2 | 1980 | |
| 3 | 630 | CDFB3 | 3240 | |



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

| IS/IEC Size | In A | Reference | MRP (₹) | Std. Pkg. (Nos) |
|---|---|---|---|---|
| 00 | 160 | CDSL00 | 910 | 3 |
| 1 | 250 | CDSL1 | 1210 | |
| 2 | 400 | ☒CDSL2 | 1660 | |
| 3 | 630 | ☒CDSL3 | 2040 | |

## Bolted Type HRC Fuse Link





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

| IS/IEC Size | Rating (Amps) | Reference | MRP (₹) | Std. Pkg. (Nos) |
|---|---|---|---|---|
| A1 | 2, 4, 6, 8, 10, 12 & 16 | CNITE* New | 130 | 20 |
| | 20, 25, & 32 | CNITE* New | | |
| A2 | 4, 6,10,16, 20, 25 & 32 | CTIAE* New | 230 | 20 |
| A3 | 32, 40, 50 & 63 | CTISE* New | 290 | 10 |
| A4 | 50, 63, 80, 100, 125 | CTCP* | 590 | 6 |
| - | 125, 160, 200 | CTFP* | 850 | 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* | 130 | 20 |
| F1 | 20, 25, 32 | CNSE* | 130 | 20 |

☒non stockable items

## Bolted Type HRC Fuse Link



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

☒non stockable items.

## HRC Fuse Link, Fuse Base & Fuse Holder



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



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



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

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



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



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

# LIGHTING TRUNKING

## LB Series



### Features:

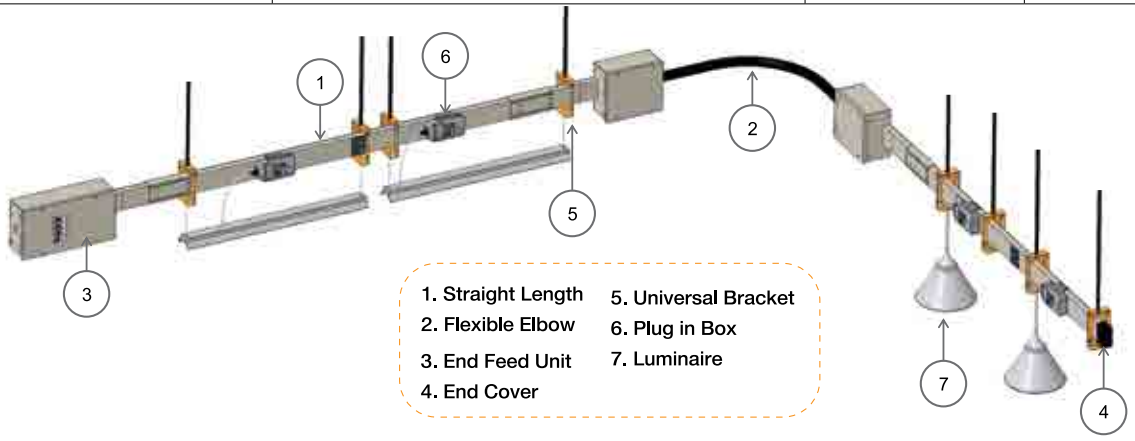
- LB Lighting trunking is used in all kinds of applications:
  - Lighting - Sensors
  - Dimmers - Emergency signalling / alarms
  - Power socket circuits
- Low weight & rigid housing
- High temperature resistance, flame retardant insulation
- Standard design of straight length with Plug in Point & accessories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

## Lighting Trunking - LB Series

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

**[HSN Code: 8538]**

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



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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 | 5610 | 0.1~0.16 | TCMS-32HR-0.16 | 5730 |
| | 0.06 | 0.25 | | TCMS-32HIR-0.25 | 5610 | 0.16~0.25 | TCMS-32HR-0.25 | 5730 |
| | 0.09 | 0.4 | | TCMS-32HIR-0.4 | 5610 | 0.25~0.4 | TCMS-32HR-0.4 | 5730 |
| | 0.12 | 0.63 | | TCMS-32HIR-0.63 | 5610 | 0.4~0.63 | TCMS-32HR-0.63 | 5730 |
| | 0.25 | 1 | | TCMS-32HIR-1 | 5610 | 0.63~1 | TCMS-32HR-1 | 5730 |
| | 0.55 | 1.6 | | TCMS-32HIR-1.6 | 6460 | 1~1.6 | TCMS-32HR-1.6 | 6580 |
| | 0.75 | 2.5 | | TCMS-32HIR-2.5 | 6460 | 1.6~2.5 | TCMS-32HR-2.5 | 6580 |
| | 1.5 | 4 | | TCMS-32HIR-4 | 6460 | 2.5~4 | TCMS-32HR-4 | 6580 |
| | 2.2 | 6.3 | | TCMS-32HIR-6.3A | 6460 | 4~6.3 | TCMS-32HR-6.3 | 6580 |
| | 4 | 10 | | TCMS-32HIR-10A | 6460 | 6.3~10 | TCMS-32HR-10 | 6580 |
| | 9 | 16 | 50kA | TCMS-32HIR-16A | 6750 | 10~16 | TCMS-32HR-16 | 8320 |
| | 9 | 20 | | TCMS-32HIR-20A | 7640 | 16~20 | TCMS-32HR-20 | 8320 |
| | 12.5 | 25 | | TCMS-32HIR-25A | 7640 | 20~25 | TCMS-32HR-25 | 8820 |
| | 15 | 32 | | TCMS-32HIR-32A | 10530 | 25~32 | TCMS-32HR-32 | 16140 |
| 63AF | 7.5 | 16 | | TCMS-63HIR-16 | 14470 | 11-16 | TCMS-63HR-16 | 14770 |
| | 7.5 | 20 | | TCMS-63HIR-20 | 14470 | 14-20 | TCMS-63HR-20 | 14770 |
| | 11 | 25 | | TCMS-63HIR-25 | 14470 | 18-25 | TCMS-63HR-25 | 14770 |
| | 15 | 32 | | TCMS-63HIR-32 | 25030 | 22-32 | TCMS-63HR-32 | 25320 |
| | 18 | 40 | | TCMS-63HIR-40 | 25030 | 28-40 | TCMS-63HR-40 | 25320 |
| | 18 | 45 | | TCMS-63HIR-45 | 25030 | 36-45 | TCMS-63HR-45 | 25320 |
| | 22 | 50 | | TCMS-63HIR-50 | 26520 | 40-50 | TCMS-63HR-50 | 26880 |
| | 30 | 63 | | TCMS-63HIR-63 | 26520 | 45-63 | TCMS-63HR-63 | 26880 |

**ACCESSORIES** **[HSN Code: 8538]**

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

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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■ | 2730 | 1 |
| 25 | 4 | 5.5 | 9 | 1 NO+1NC | TC1D0911■ | 3010 | |
| 25 | 5.5 | 7.5 | 12 | 1 NO+1NC | TC1D1211■ | 3020 | |
| 32 | 9 | 12 | 18 | 1 NO+1NC | TC1D1811■ | 3720 | |
| 40 | 11 | 15 | 25 | 1 NO+1NC | TC1D2511■ | 5000 | |
| 50 | 15 | 20 | 32 | 1 NO+1NC | TC1D3211■ | 9330 | |
| 50 | 18.5 | 25 | 38 | 1 NO+1NC | TC1D3811■ | 13520 | |

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

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

### Coil Surge Suppressor [HSN Code: 8538]

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

### Mechanical Interlocks-Horizontal Mounted

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

### Spare AC Coils for Contactor [HSN Code: 8538]

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

### robusTa2 Contactor Coils

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

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

### Thermal Overload Relay [HSN Code: 8536]

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

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

**How to order:**

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

## Exceed M-range Contactor

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

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



### Control Relays - 16 Amps

[HSN Code: 8536]

| Rated Current (Ith) | Contact Configuration | With AC Coil | | | With DC Coil | | |
|---|---|---|---|---|---|---|---|
| | | Reference | MRP (₹) | MOQ | Reference | MRP (₹) | MOQ |
| 16 | 2NO+2NC | TCA2ME22■ | 2370 | 10 | TCA3ME22■ | 3170 | 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■ | 2050 | 10 | 1NO | - | TP1ME0710■ | 3070 | 10 |
| | | | | - | 1NC | TC1ME0701■ | | | - | 1NC | TP1ME0701■ | | |
| 20 | 4 | 5.5 | 9 | 1NO | - | TC1ME0910■ | 2230 | | 1NO | - | TP1ME0910■ | 3200 | |
| | | | | - | 1NC | TC1ME0901■ | | | - | 1NC | TP1ME0901■ | | |
| 22 | 5.5 | 7.5 | 12 | 1NO | - | TC1ME1210■ | 2370 | | 1NO | - | TP1ME1210■ | 3510 | |
| | | | | - | 1NC | TC1ME1201■ | | | - | 1NC | TP1ME1201■ | | |
| 22 | 7.5 | 10 | 16 | 1NO | - | TC1ME1610■ | 2810 | | 1NO | - | TP1ME1610■ | 3860 | |
| | | | | - | 1NC | TC1ME1601■ | | | - | 1NC | TP1ME1601■ | | |

■ Please specify Coil Voltage.

### Coil Voltage Codes for Mini Contactors & Control Relays

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

### Overload Relays for M-Range Contactors - Direct Mounting

[HSN Code: 8536]

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

## Exceed M-range Contactor

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

**ACCESSORIES** **[HSN Code: 8538]**

**Add-On-Block**

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

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

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

**Coil Suppressor** **[HSN Code: 8538]**

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

## ExceeD Contactor

Global Certification | RoHS Compliant

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



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

| Size | AC1 Duty A | AC3 415V Long Life | | | Auxiliary Contacts | With AC Coil | | Auxiliary Contacts | With DC Coil | | MOQ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | KW | HP | A | | Reference | MRP (₹) | | Reference | MRP (₹) | |
| Frame-0 | 25 | 2.2 | 3 | 6 | 1NO | TC1D0610E■ | 1860 | - | - | - | 1 |
| | | | | | 1NC | TC1D0601E■ | 1860 | - | - | - | |
| | | 4 | 5.5 | 9 | 1NO | TC1D0910E■ | 2120 | 1NO | TP1D0910E■ | 3510 | |
| | | | | | 1NC | TC1D0901E■ | 2120 | 1NC | TP1D0901E■ | 3510 | |
| | | 5.5 | 7.5 | 12 | 1NO | TC1D1210E■ | 2300 | 1NO | TP1D1210E■ | 3820 | |
| | | | | | 1NC | TC1D1201E■ | 2300 | 1NC | TP1D1201E■ | 3820 | |
| Frame-1 | 32 | 9 | 12.5 | 18 | 1NO | TC1D1810E■ | 2670 | 1NO | TP1D1810E■ | 4290 | |
| | | | | | 1NC | TC1D1801E■ | 2670 | 1NC | TP1D1801E■ | 4290 | |
| Frame-2 | 40 | 11 | 15 | 25 | 1NO | TC1D2510E■ | 4110 | 1NO | TP1D2510E■ | 6230 | |
| | | | | | 1NC | TC1D2501E■ | 4110 | 1NC | TP1D2501E■ | 6230 | |
| Frame-3 | 50 | 15 | 20 | 32 | 1NO | TC1D3210E■ | 7840 | 1NO | TP1D3210E■ | 11680 | |
| | | | | | 1NC | TC1D3201E■ | 7840 | 1NC | TP1D3201E■ | 11680 | |
| Frame-4 | 60 | 22 | 30 | 40 | 1NO+1NC | TC1D4011E■ | 11070 | 1NO+1NC | TP1D4011E■ | 18730 | |
| | 80 | 25 | 35 | 50 | 1NO+1NC | TC1D5011E■ | 13310 | 1NO+1NC | TP1D5011E■ | 19680 | |
| | | 37 | 50 | 65 | 1NO+1NC | TC1D6511E■ | 19000 | 1NO+1NC | TP1D6511E■ | 25730 | |
| Frame-5 | 125 | 45 | 60 | 80 | 1NO+1NC | TC1D8011E■ | 24160 | 1NO+1NC | TP1D8011E■ | 32740 | |
| | | 45 | 60 | 95 | 1NO+1NC | TC1D9511E■ | 32140 | 1NO+1NC | TP1D9511E■ | 39070 | |

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

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

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

■ Non-Standard coil Extra MRP @ ₹300 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 ■ | 36190 | LC1FDP115AE ■ | 43420 | 5 |
| 250 | 80 | 108 | 150 | LC1FDP150AE ■ | 50030 | LC1FDP150AE ■ | 60050 | |
| 275 | 100 | 136 | 185 | LC1FDP185AE ■ | 58030 | LC1FDP185AE ■ | 69650 | |
| 315 | 110 | 148 | 225 | LC1FDP225AE ■ | 65610 | LC1FDP225AE ■ | 78740 | |
| 350 | 140 | 190 | 265 | LC1FDP265AE ■ | 78100 | LC1FDP265AE ■ | 93710 | |
| 400 | 180 | 240 | 330 | LC1FDP330AE ■ | 97550 | LC1FDP330AE ■ | 117070 | |
| 500 | 220 | 300 | 400 | LC1FDP400AE ■ | 114940 | LC1FDP400AE ■ | 137940 | |
| 700 | 280 | 380 | 500 | LC1FDP500AE ■ | 162700 | LC1FDP500AE ■ | 195240 | |
| 1000 | 375 | 500 | 630 | LC1FDP630AE ■ | 237960 | LC1FDP630AE ■ | 285570 | |

**Exceed Contactors 4 Pole: Rating AC1 200A ~ 1000A** **[HSN Code: 8536]**

| AC1 Duty A | Main Pole Configuration | With AC Coil | | With DC Coil | | MOQ |
|---|---|---|---|---|---|---|
| | | Reference | MRP (₹) | Reference | MRP (₹) | |
| 200 | 4 NO | LC1FDP1154AE ■ | 44540 | LC1FDP1154AE■ | POR | 5 |
| 250 | 4 NO | LC1FDP1504AE ■ | 55610 | LC1FDP1504AE■ | | |
| 275 | 4 NO | LC1FDP1854AE ■ | 82080 | LC1FDP1854AE■ | | |
| 315 | 4 NO | LC1FDP2254AE ■ | 83120 | LC1FDP2254AE■ | | |
| 350 | 4 NO | LC1FDP2654AE ■ | 90480 | LC1FDP2654AE■ | | |
| 400 | 4 NO | LC1FDP3304AE ■ | 110110 | LC1FDP3304AE■ | | |
| 500 | 4 NO | LC1FDP4004AE ■ | 142000 | LC1FDP4004AE ■ | | |
| 700 | 4 NO | LC1FDPM5004AE ■ | 170380 | LC1FDPM5004AE ■ | | |
| 1000 | 4 NO | LC1FDP6304AE ■ | 336970 | LC1FDP6304AE ■ | | |

**AC Coil Voltage Codes for Contactors 115A~780A**

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

**DC Coil Voltage Codes for Contactors 115A~780A**

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

# Not available for LCFDP630A

## 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■ | 2810 | TCA3DN22■ | 4370 | 10 |
| | 3NO + 1NC | TCA2DN31■ | | TCA3DN31■ | | |
| | 4NO | TCA2DN40■ | | TCA3DN40■ | | |

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



| Size | AC1 Duty A | AC3 415V Long Life | | | Auxiliary Contacts | | With AC Coil | | Auxiliary Contacts | | With DC Coil | | MOQ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | kW | HP | A | | | Reference | MRP (₹) | | | Reference | MRP (₹) | |
| Frame-0 | 25 | 4 | 5.5 | 9 | 1NO | - | TC1D0910 ■ | 2610 | 1NO | - | TP1D0910 ■ | 4090 | |
| | | | | | - | 1NC | TC1D0901 ■ | 2610 | - | 1NC | TP1D0901 ■ | 4090 | |
| | | 5.5 | 7.5 | 12 | 1NO | - | TC1D1210 ■ | 2770 | 1NO | - | TP1D1210 ■ | 4540 | |
| | | | | | - | 1NC | TC1D1201 ■ | 2770 | - | 1NC | TP1D1201 ■ | 4540 | |
| Frame-1 | 32 | 9 | 12.5 | 18 | 1NO | - | TC1D1810 ■ | 3660 | 1NO | - | TP1D1810 ■ | 5170 | |
| | | | | | - | 1NC | TC1D1801 ■ | 3660 | - | 1NC | TP1D1801 ■ | 5170 | |
| | | 11 | 15 | 22 | 1NO | - | TC1D2210 ■ | 4260 | 1NO | - | TP1D2210 ■ | 6620 | |
| | | | | | - | 1NC | TC1D2201 ■ | 4260 | - | 1NC | TP1D2201 ■ | 6620 | |
| Frame-2 | 40 | 11 | 15 | 25 | 1NO | - | TC1D2510 ■ | 4680 | 1NO | - | TP1D2510 ■ | 7800 | |
| | | | | | - | 1NC | TC1D2501 ■ | 4680 | - | 1NC | TP1D2501 ■ | 7800 | |
| | 50 | 18.5 | 25 | 40 | 1NO | - | TC1D4010 ■ | 12070 | 1NO | - | TP1D4010 ■ | POR | |
| | | | | | - | 1NC | TC1D4001 ■ | 12070 | - | 1NC | TP1D4001 ■ | POR | 1 |
| Frame-3 | 50 | 15 | 20 | 32 | 1NO | - | TC1D3210 ■ | 8450 | 1NO | - | TP1D3210 ■ | 13290 | |
| | | | | | - | 1NC | TC1D3201 ■ | 8450 | - | 1NC | TP1D3201 ■ | 13290 | |
| | | 18.5 | 25 | 38 | 1NO | - | TC1D3810 ■ | 13450 | 1NO | - | TP1D3810 ■ | 17070 | |
| | | | | | - | 1NC | TC1D3801 ■ | 13450 | - | 1NC | TP1D3801 ■ | 17070 | |
| Frame-4 | 60 | 22 | 30 | 40 | 1NO | 1NC | TC1D4011 ■ | 14330 | 1NO | 1NC | TP1D4011 ■ | 18560 | |
| | 80 | 22 | 30 | 45 | 1NO | 1NC | TC1D4511 ■ | 16960 | 1NO | 1NC | TP1D4511 ■ | 22120 | |
| | | 25 | 35 | 50 | 1NO | 1NC | TC1D5011 ■ | 17410 | 1NO | 1NC | TP1D5011 ■ | 23450 | |
| | | 37 | 50 | 65 | 1NO | 1NC | TC1D6511 ■ | 20900 | 1NO | 1NC | TP1D6511 ■ | 25110 | |
| Frame-5 | 100 | 37 | 50 | 70 | 1NO | 1NC | TC1D7011 ■ | 23940 | 1NO | 1NC | TP1D7011 ■ | 29210 | |
| | 125 | 45 | 60 | 80 | 1NO | 1NC | TC1D8011 ■ | 29210 | 1NO | 1NC | TP1D8011 ■ | 34820 | |
| | | 45 | 60 | 95 | 1NO | 1NC | TC1D9511 ■ | 36240 | 1NO | 1NC | TP1D9511 ■ | 44530 | |

### 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 @ ₹ 300 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■ | 2950 | TP1D12004■ | 5780 | 1 |
| | | 2NO | 2NC | ☒TC1D12008■ | 3610 | ☒TP1D12008■ | 7260 | |
| | 32 | 4NO | -- | ☒TC1D18004■ | 3850 | - | - | |
| Frame 2 | 40 | 4NO | -- | TC1D25004■ | 5680 | TP1D25004■ | 11130 | |
| | | 2NO | 2NC | ☒TC1D25008■ | 7020 | ☒TP1D25008■ | 13940 | |
| Frame 3 | 60 | 4NO | -- | TC1D40004■ | 15100 | TP1D40004■ | 19900 | |
| | | 2NO | 2NC | ☒TC1D40008■ | 19670 | ☒TP1D40008■ | 29650 | |
| | 80 | 4NO | -- | TC1D50004■ | 18860 | - | - | |
| | | 2NO | 2NC | ☒TC1D50008■ | 23820 | - | - | |
| | | 4NO | -- | ☒TC1D65004■ | 21540 | TP1D65004■ | 31790 | |
| | | 2NO | 2NC | TC1D65008■ | 25080 | ☒TP1D65008■ | 40260 | |
| | 100 | 4NO | -- | ☒TC1D70004■ | 25350 | ☒TP1D70004■ | 38270 | |
| | 125 | 4NO | -- | TC1D80004■ | 31650 | TP1D80004■ | 41730 | |
| | | 2NO | 2NC | ☒TC1D80008■ | 37600 | ☒TP1D80008■ | 46670 | |
| | | 4NO | -- | TC1D95004■ | 39810 | TP1D95004■ | 44470 | |
| | | 2NO | 2NC | ☒TC1D95008■ | 40330 | ☒TP1D95008■ | 48240 | |

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

[HSN Code: 8536]

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

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

| Contactor | Voltage | | | | | |
|---|---|---|---|---|---|---|
| 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 @ ₹ 300 per contactor

## robusTa Power Contactors

Conforming IEC60947-1 & IEC60947-4-1





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

| AC1 Duty A | AC3 415 V Long Life | | | Auxiliary contacts | | With AC Coil | | MOQ |
|---|---|---|---|---|---|---|---|---|
| | kW | HP | A | | | Reference | MRP (₹) | |
| 200A | 55 | 73 | 115 | 1NO | 1NC | TC1D115116■* | 41690 | 1 |
| | 55 | 73 | 115 | 1NO | 1NC | TC1D11511■* | 42070 | |
| | 55 | 73 | 120 | 1NO | 1NC | TC1D120116■* | 42930 | |
| | 55 | 73 | 120 | 1NO | 1NC | TC1D12011■* | 43510 | |
| | 75 | 101 | 150 | 1NO | 1NC | TC1D150116■* | 52840 | |
| | 75 | 101 | 150 | 1NO | 1NC | TC1D15011■* | 53670 | |
| | 75 | 101 | 160 | 1NO | 1NC | TC1D160116■* | 54800 | |
| | 75 | 101 | 160 | 1NO | 1NC | TC1D16011■* | 55320 | |

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

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

* Busbar connection * Cable connection

**AC Coil Voltage**

| Contactor | Voltage | | | |
|---|---|---|---|---|
| | 110 | 24 | 220 | 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 ■ | 41010 | LC1FDP115A ■ | 48230 | 1 |
| 250 | 80 | 108 | 150 | LC1FDP150A ■ | 56910 | LC1FDP150A ■ | 70060 | |
| 275 | 100 | 136 | 185 | LC1FDP185A ■ | 66750 | LC1FDP185A ■ | 85810 | |
| 275 | 105 | 140 | 200 | LC1FDP200A ■ | 72980 | LC1FDP200A ■ | 86490 | |
| 315 | 110 | 148 | 225 | LC1FDP225A ■ | 75760 | LC1FDP225A ■ | 94350 | |
| 350 | 140 | 190 | 265 | LC1FDP265A ■ | 92960 | LC1FDP265A ■ | 101230 | |
| 400 | 150 | 200 | 300 | LC1FDP300A ■ | 101300 | LC1FDP300A ■ | 119320 | |
| 400 | 180 | 240 | 330 | LC1FDP330A ■ | 119480 | LC1FDP330A ■ | 133830 | |
| 500 | 220 | 300 | 400 | LC1FDP400A ■ | 129640 | LC1FDP400A ■ | 160340 | |
| 600 | 240 | 320 | 460 | LC1FDP460A ■ | 170070 | - | | |
| 700 | 280 | 380 | 500 | LC1FDP500A ■ | 199780 | LC1FDP500A ■ | 193780 | |
| 800 | 355 | 430 | 580 | LC1FDP580A ■ | 204260 | - | | |
| 1000 | 375 | 500 | 630 | LC1FDP630A ■ | 265100 | LC1FDP630A ■ | 297450 | |
| 1600 | 425 | 580 | 780 | ☒ LC1FDP780A ■ | POR | ☒ LC1FDP780A ■ | POR | |
| 1000 | 450 | 610 | 800 | ☒ LC1FDP800A ■ | POR | ☒ LC1FDP800A ■* | POR | |

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

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

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

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

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

♦ Not Available for LC1FDP780

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

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

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

### 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

## Capacitor Duty Contactors 3 Pole, AC

Global Certification

Conforming IEC60947-1 & IEC60947-4-1



**Contactors** **[HSN Code: 8536]**

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

**AC Coil Voltage robusTa Capacitor Duty Contactors**

| Contactor | Voltage | | | | |
|---|---|---|---|---|---|
| **TC1-D**K** | **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 | RoHS Compliant

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

### Thermal Overload Relays Protective Shroud for LR1-F105~630

[HSN Code: 8538]

| Relay Type | Reference | MRP (₹) | MOQ |
|---|---|---|---|
| LR1-F105 | ☒LA9F702 | 3440 | 1 |
| LR1-F125 | | 3440 | |
| LR1-F160 | | 3440 | |
| LR1-F200 | | 3440 | |
| LR1-F250 | LA9F703 | 4550 | |
| LR1-F315 | | 4550 | |
| LR1-F400 | | 4550 | |
| LR1-F500 | | 4550 | |
| LR1-F630 | LA9F704 | 4900 | |
| LR1-F800 | | 4900 | |

### Heavy Duty Overload Relays Independent Mounting Trip class 30

[HSN Code: 8536]

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

## 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* | 340 | 10 |
| | 1 NC | TA1DN01* | | |
| | 2 NO | TA1DN20 | 700 | 20 |
| | 1 NO+1 NC | TA1DN11 | | |
| | 2 NC | TA1DN02 | | |
| | 4 NO | TA1DN40 | 1140 | 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** | 1140 | 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 | 970 | 10 |
| TC1D12 | TP1D12 | | | |
| TC1D18 | TP1D18 | | | |
| TC1D25 | TP1D25 | | | |
| TC1D32 | TP1D32 | | | |
| TC1D40 | TP1D40 | LA9-D50978 | 2380 | 10 |
| TC1D50 | TP1D50 | | | |
| TC1D65 | TP1D65 | | | |
| TC1D70 | TP1D70 | LA9-D80978 | 3110 | 10 |
| TC1D80 | TP1D80 | | | |
| TC1D95 | TP1D95 | | | |

### Coil Surge Suppressor for Contactor 9~95A

[HSN Code: 8538]

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

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

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

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



### Pneumatic Timer Block - Front Mounted

[HSN Code: 8538]

| Contact Configuration | | Reference | | MRP (₹) | MOQ |
|---|---|---|---|---|---|
| ON delay | 1 NO+1 NC | TA2DT0 | 0.1...3s | 3480 | 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 | 3870 | |

### Electrical & Mechanical Interlocks-Horizontal Mounted

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

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

| Use for Contactor AC | Reference | MRP (₹) | MOQ |
|---|---|---|---|
| TCA2DN | TX1-D2■ | 1010 | 20 |
| TC1D09 | | | |
| TC1D12 | | | |
| TC1D18 | | | |
| TC1D25 | TX1-D4■ | 1230 | |
| TC1D32 | | | |
| TC1D40 | TX1-D6■ | 3220 | 10 |
| 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■ | 1650 | 1 |
| TP1D09 | | | | |
| TP1D12 | | | | |
| TP1D18 | | | | |
| TP1D25 | TX4D4■ | TX5D4■ | 1820 | |
| TP1D32 | | | | |
| TP1D40 | TX4D40■ | TX5D40■ | 4220 | |
| TP1D50 | | | | |
| TP1D65 | | | | |
| TP1D80 | TX4D80■ | TX5D80■ | 8840 | |
| TP1D95 | | | | |

**Spare AC Coils for Hoisting Power Contactor**

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

**Spare AC Coils for Contactors Rating 115~800A**

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

## D Range Contactors & Overload Relays

Global Certification | RoHS Compliant

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



### Control Relays 10 Amps

[HSN Code: 8536]

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

■ Please specify Coil Voltage

### Power Contactors - 3 Pole, AC

[HSN Code: 8536]

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



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

| Relay Setting Range A | Std. Power Rating for 3 Phase Motor at 415V | | Reference# | MRP (₹) | Independent Mounting Kit | MOQ |
|---|---|---|---|---|---|---|
| | HP | KW | | | | |
| 0.10~0.16 | * | * | ☒LR1D09301 | 2960 | Reference LA7-D0964 MRP ₹ 480 [HSN Code: 8538] | 10 |
| 0.16~0.25 | * | * | ☒LR1D09302 | | | |
| 0.25~0.40 | * | * | LR1D09303 | | | |
| 0.40~0.63 | * | * | LR1D09304 | | | |
| 0.63~1.00 | 0.5 | 0.37 | LR1D09305 | | | |
| 1.00~1.60 | 0.75 | 0.55 | LR1D09306 | | | |
| 1.60~2.50 | 1.5 | 1.10 | LR1D09307 | | | |
| 2.50~4.00 | 2.00 | 1.50 | LR1D09308 | | | |
| 4.00~6.00 | 3.00 | 2.20 | LR1D09310 | | Reference LA7-D3264 MRP ₹ 680 [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 | 3540 | | |
| 18.0~25.0 | 15.00 | 11.00 | LR1D25322 | | | |
| 23.0~32.0 | 20.00 | 15.00 | LR1D32353 | 5090 | Reference LA7-D4054 MRP ₹ 910 [HSN Code: 8538] | |
| 28.0~40.0 | 20.00 | 15.00 | LR1D32355 | | | |
| 23.0~32.0 | 20.00 | 15.00 | LR1D40353 | 5590 | | |
| 30.0~40.0 | 30.00 | 22.00 | LR1D40355 | | | |
| 38.0~50.0 | 35.00 | 25.00 | LR1D63357 | 6460 | | |
| 48.0~57.0 | 40.00 | 30.00 | LR1D63359 | 9180 | | |
| 57.0~66.0 | 50.00 | 37.00 | LR1D63361 | 10120 | | |

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

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

| Contactor | Voltage | | |
|---|---|---|---|
| | 42 | 360 | 380 |
| LC1-D | D | UW | Q |

For Non-Standard Coil Voltage, please add ₹ 300/- in the MRP. [HSN Code: 8536]

### Thermal OLR Type LR1-Independent Mounting

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

### AC Coil Voltage Codes for D Range Contactors (Standard)

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

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

## Accessories

Global Certification

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

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

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

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

■ Please specify Coil Voltage by indicating the Coil Voltage required.
** Spare Moulded Base for these Coils has Product code LA7-D40 and unit price is ₹280



### Coil Suppressor [HSN Code: 8538]

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

### Add-on Starting Switch

| | | | |
|---|---|---|---|
| NO starting Switch suitable for direct moun ing on Control Relays & Contactors | LA9-D09906 | 360 | 10 |

### Mechanical Latching Blocks

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

■ Replace by voltage code

### AC Coil Voltage Codes (Standard)

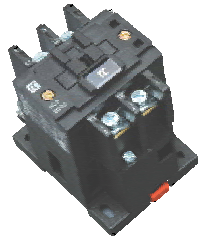
| For Mechanical Latching Block | Voltage | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 24 | 48 | 72 | 110 | 220 | 240 | 380 | 415/440 |
| LA6-DK01 | B | E | EN | F | M | U | Q | N |

* Stock for accessories are subject to availability

## Contactors - 4 Pole & 2 Pole, AC

Global Certification | RoHS Compliant

Conforming IEC60947-1, IEC60947-4-1



### Contactors - 2 Pole AC

[HSN Code: 8536]

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

■Please specify Coil Voltage.

### AC Coil Voltage Codes (Standard) for 2 Pole Contactors

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

* Wide band Coils ■Please specify Coil Voltage.

### Spare Coil for 2Pole Contactors

[HSN Code: 8538]

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

### Add-on-Blocks for 2 Pole Contactors

[HSN Code: 8536]

| Description | Contact Configuration | Reference | MRP (₹) | MOQ |
|---|---|---|---|---|
| Front mounted Aux. contact Block | 2 NO<br>1 NO+1 NC<br>2 NC | LA1-D20A | 700 | 20 |
| | | LA1-D11A | | |
| | | ☒LA1-D02A | | |

### Thermal OLR 2 Pole type LR7D-Direct Mounting

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



### Contactors - 4 Pole AC

[HSN Code: 8536]

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

■Please specify Coil Voltage.

### AC Coil Voltage Codes (Standard) for 4 Pole Contactors

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

### Spare Coil for 4 Pole Contactors

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

### Mechanical Interlock for 4 Pole Contactors

| | | | |
|---|---|---|---|
| LA9D09978 | Horizontal Mounted | 970 | 10 |

### Add-on-Blocks for 4 Pole Contactors

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

Note : Also available with 2NC.





## Exceed Definite Purpose Contactor

Conforming IEC60947-1, IEC60947-4-1

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

| Full load (inductive) (A) | Locked Rotor Per Pole (A) AC 240V/AC 277V | Resistive Rating (A) | Reference | MRP (₹) |
|---|---|---|---|---|
| 25 | 150 | 30 | TCDP251E■ | 1520 |
| 20 | 150 | 30 | TCDP201E■ | 1370 |
| **Single Pole (With Shunt)** | | | | |
| 25 | 150 | 30 | TCDP251SE■ | 1590 |
| 20 | 150 | 30 | TCDP201SE■ | 1370 |
| **Two Pole** | | | | |
| 20 | 120 | 30 | TCDP202E■ | 1740 |
| 25 | 150 | 35 | TCDP252E■ | 1840 |

Note: Replace XX with coil voltage code

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

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

**Exceed DP Contactor Coil Two Pole**

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

## Definite Purpose Contactor

Conforming IEC60947-1, IEC60947-4-1

Global Certification





**Contactor** **[HSN Code: 8536]**

| FLA | Resistive AMP Rating | Reference | MRP (₹) | MOQ |
|---|---|---|---|---|
| **Single Pole (Without Shunt)** | | | | |
| 25 | 30 | ☒TCDP251■ | 1910 | 1 |
| 30 | 40 | ☒TCDP301■ | 2040 | |
| 40 | 50 | ☒TCDP401■ | 2140 | |
| **Single Pole (With Shunt)** | | | | |
| 25 | 30 | TCDP251S ■ | 2000 | 1 |
| 30 | 40 | TCDP301S■ | 2110 | |
| 40 | 50 | TCDP401S ■ | 2290 | |
| **Two Pole** | | | | |
| 20 | 30 | TCDP202■ | 2200 | 1 |
| 30 | 40 | TCDP302■ | 2210 | |
| 40 | 50 | ☒TCDP402■ | 2380 | |
| **Three Pole** | | | | |
| 20 | 30 | TCDP203■ | 2610 | |
| 30 | 40 | TCDP303■ | 2680 | 1 |
| 40 | 50 | ☒TCDP403■ | 3040 | |

**AC Coil Voltage Codes for Definite Purpose Contactors**

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

**DT-Series 4 Pole Rating AC1 25A~63A** **[HSN Code: 8536]**

| AC1 Duty A | Main Pole Configuration | With AC Coil | | MOQ |
|---|---|---|---|---|
| | | Reference | MRP (₹) | |
| 25 | 4 NO | TC1DT254Ne■ | POR | 1 |
| 32 | 4 NO | ☒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**

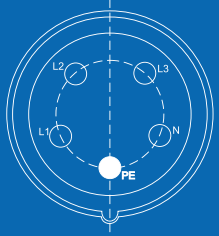
- Corrosion Resistive
- Durability & Longevity
- Wide Range
- Light Weight
- Dust Proof - IP66





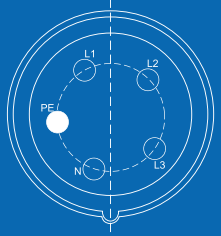
**IEC 60309 Series**
IP44 & IP67 Protection

Position of the Earthing Contact




6h

Position of the Earthing Contact




9h

# Control & Signalling Devices

Metallic & Polycarbonate Series



## Push Buttons & Pilot Lamps

- 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-4/X protection
- High Mechanical and Electrical life
- Aesthetic and Elegant outlook
- Wide Range of colors I voltages available

Globally accepted

c UL US LISTED CE SA RoHS Compliant

## IEC 60309 Series

[HSN Code: 8536]

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

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



Plastic Junction Box IP66 , 230V with provision for housing MCB

| Reference | Pole | Rating | Socket Reference | MRP |
|---|---|---|---|---|
| CSE163PIP66 | 3P | 16A | CS36001 | POR |
| CSE164PIP66 | 4P | | CS36002 | |
| CSE165PIP66 | 5P | | CS36006 | |
| CSE323PIP66 | 3P | 32A | CS36005 | |
| CSE324PIP66 | 4P | | CS62283 | |
| CSE325PIP66 | 5P | | CS62243 | |

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

[HSN Code: 8536]

## AC Distribution Box with Socket



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

* Stock for accessories are subject to availability

# Push Buttons: 22.5mm

**Without Contact Elements**

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

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

| | | | | |
|---|---|---|---|---|
| Flush Spring Return Push Button with 1NO Block | ⊠RCP2BA11○ | 250 | 10 |  |
| | ⊠RCP2BA21● | | | |
| | RCP2BA31● | | | |
| | RCP2BA51● | | | |
| | RCP2BA61● | | | |
| | RCP2BA41● | | | |
| Push Button with 1NC Block | RCP2BA42● | | | + |
| Projecting Head Push Button with 1NO Block | RCP2BL11○ | 250 | 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▲○ | 490 | 10 |  |
| | RCP2BWL337▲● | | | |
| | ⊠RCP2BWL347▲● | | | |
| | ⊠RCP2BWL357▲● | | | |
| | ⊠RCP2BWL377▲○ | | | |
| | RCP2BWL387▲● | | | |
| | RCP2BWL367▲● | 850 | | |

### Push Button Actuator-Illuminated Projecting without Series Resistor

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

| | | | | |
|---|---|---|---|---|
| Projecting Illuminated Actuator, with integral LED, suitable for operating 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | RCP2BWL117▲○ | 490 | 10 |  |
| | ⊠RCP2BWL137▲● | | | |
| | ⊠RCP2BWL147▲● | | | |
| | RCP2BWL157▲● | | | |
| | RCP2BWL177▲○ | | | |
| | RCP2BWL187▲● | | | |
| | RCP2BWL167▲● | 860 | | |

### Colour Code for Actuator / Lens

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

## Push Buttons: 22.5mm

**Without Contact Elements**

Global Certification

### Selector Switch Actuators with Carrier [HSN Code: 8536]

| Description | Reference | MRP (₹) | Std. Pkg. (Nos.) | Product Picture |
|---|---|---|---|---|
| 2-Position Selector Switch (stay put) | RCP2BD2 | 470 | 10 |  |
| 3-Position Selector Switch,centre 'OFF' (stay put) | RCP2BD3 | | | |
| 2-Position Selector Switch with extra long knob (stay put) | ☒RCP2BJ2 | 470 | 10 | |
| 3-Position Selector Switch, with extra long knob centre 'OFF' (stay put) | RCP2BJ3 | | | |
| 3-Position Selector Switch (Spring Return) | RCP2BDR3 | 510 | 10 |  |
| 3-Position Selector Switch extra long knob (Spring Return) | ☒RCP2BJR3 | 510 | 10 | |
| **Selector Switch Actuators with Carrier & Contact Element** | | | | |
| 2-Position Selector Switch (stay put) with 1NO Block | ☒RCP2BD21 | 540 | 10 |  |
| 2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block | RCP2BD25 | 660 | | |
| 3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block | RCP2BD35 | | | |
| **Key Actuators with Carrier** | | | | |
| 2-Position Key Switch, Key removable in unactuated position | ☒RCP2BG2 | 680 | 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 | 690 | 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*● | 520 | 15 |  |
| **LED Type Pilot Lamp Type of voltage AC / DC to be specified** | | | | |
| Pilot Light with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | ☒RCP2BVL73▲● | 450 | 10 |  |
| | ☒RCP2BVL74▲● | | | |
| | ☒RCP2BVL75▲● | | | |
| | RCP2BVL77▲○ | | | |
| | RCP2BVL71▲○ | | | |
| | ☒RCP2BVL78▲● | | | |
| | ☒RCP2BVL76▲● | 790 | | |

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

▲Add Voltage Code

☒ Non Stockable item

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

### Push Buttons Extended Range

| | | | | |
|---|---|---|---|---|
| Reset Extended Actuator Push-button - Round Type | ☒RCB2AL8R | 170 | 24 |  |
| Reset Extended Actuator Pushbutton - Hex Type | ☒RCB2AL8H | 170 | 30 | |
| Plastic Adopter for 30 mm hole to 22.5 mm. | ☒RP2BZ41M | 60 | 20 | |
| Metal Adopter for 30 mm hole to 22.5 mm | ☒RB2BZ41M | | | |
| Recess (Guarded) Push button - Plastic | RP2BA16 ○ | 140 | 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 ○ | 200 | 20 |  |
| | RCB2BA2 ● | | | |
| | RCB2BA3 ● | | | |
| | RCB2BA4 ● | | | |
| | RCB2BA5 ● | | | |
| | RCB2BA6 ● | | | |
| Projecting Push Button | RCB2BL1 ○ | 200 | 10 |  |
| | RCB2BL2 ● | | | |
| | RCB2BL3 ● | | | |
| | RCB2BL4 ● | | | |
| | RCB2BL5 ● | | | |
| | RCB2BL6 ● | | | |
| Booted Push Button | RCB2BP2 ● | 280 | 20 |  |
| | RCB2BP3 ● | | | |
| | RCB2BP4 ● | | | |
| | RCB2BP5 ● | | | |
| | RCB2BP6 ● | | | |
| Mushroom Head Push Button, Spring Return | RCB2BC2 ● | 280 | 8 |  |
| | RCB2BC3 ● | | | |
| | RCB2BC4 ● | | | |
| | RCB2BC5 ● | | | |
| | RCB2BC6 ● | | | |
| Mushroom Head Push Button Stay Put (press to lock, turn to release) | RCB2BS54● | 370 | 8 | |
| | RCB2BS64● | 490 | 5 | |
| Mushroom Head Push Button, Push to Stay & Pull to release | RCB2BT4● | 440 | 8 | |
| Mushroom Head Push Button, premarked Pull to Reset | RCB2BT43● | | | |
| Mushroom Head Key Switch, StayPut, Key removable in both positions (press to lock and key to release) | RCB2BS14● | 760 | 8 |  |
| Push Button Stay Put (press to lock, turn to release) | RCB2BS44● | 360 | 10 | |

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

| | | | | |
|---|---|---|---|---|
| Flush Spring Return Push Button with 1NO Block | ☒RCB2BA11○ | 320 | 10 |  +  |
| | RCB2BA21● | | | |
| | RCB2BA31● | | | |
| | RCB2BA51● | | | |
| | RCB2BA61● | | | |
| | RCB2BA41● | | | |
| Push Button with 1NC Block | RCB2BA42● | | | |
| Push Button with 2NO Block | RCB2BA33● | 460 | 10 | |
| Projecting Head Push Button with 1NO Block | RCB2BL11○ | 320 | | |
| | 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● | 520 | 8 | |
| | RCB2BS642● | 610 | 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▲● | 540 | 10 |  |
| | ☒RCB2BWL347▲● | | | |
| | ☒RCB2BWL357▲● | | | |
| | ☒RCB2BWL317▲○ | | | |
| | RCB2BWL377▲● | | | |
| | ☒RCB2BWL387▲● | | | |
| | ☒RCB2BWL367▲● | 890 | | |

**Push Button Actuators - Illuminated Projecting with Series Resistor**

| | | | | |
|---|---|---|---|---|
| Illuminated Actuator, Projecting (with BA9S Filament Bulb,130V) 220VAC/DC | RCB2BW117▲○ | 370 | 10 |  |
| | RCB2BW137▲● | | | |
| | RCB2BW147▲● | | | |
| | RCB2BW157▲● | | | |
| | RCB2BW167▲● | | | |
| | RCB2BW177▲○ | | | |

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

| | | | | |
|---|---|---|---|---|
| Projecting Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | ☒RCB2BWL137▲● | 540 | 10 |  |
| | ☒RCB2BWL147▲● | | | |
| | ☒RCB2BWL157▲● | | | |
| Projecting Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | RCB2BWL167▲● | 1040 | | |

* 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 | 320 | 10 |  |
| **Selector Switch Actuators with Carrier** | | | | |
| 2-Position Selector Switch (stay put) | RCB2BD2<br>RCB2BD27* | 530 | 10 |  |
| 3-Position Selector Switch, centre 'OFF' (stay put) | RCB2BD3<br>RCB2BD37* | | | |
| 2-Position Selector Switch with extra long knob (stay put) | RCB2BJ2<br>☒RCB2BJ27* | 540 | |  |
| 3-Position Selector Switch, with extra long knob centre 'OFF' (stay put) | RCB2BJ3<br>☒RCB2BJ37* | | |  |
| 2-Position Selector Switch (Spring Return) | RCB2BDR2<br>☒RCB2BDR27* | 600 | | |
| 3-Position Selector Switch (Spring Return) | RCB2BDR3<br>RCB2BDR37* | | |  |
| 2-Position Selector Switch extra long knob (Spring Return) | ☒RCB2BJR2<br>RCB2BJR27* | 600 | | |
| 3-Position Selector Switch extra long knob (Spring Return) | ☒RCB2BJR3<br>RCB2BJR37* | | |  |
| **Selector Switch Actuators with Carrier & Contact Element** | | | | **[HSN Code: 8536]** |
| 2-Position Selector Switch (stay put) with 1NO Block | RCB2BD21<br>☒RCB2BD271* | 630 | 10 |  |
| 2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block | RCB2BD25<br>☒RCB2BD275* | 770 | | +  |
| 3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block | RCB2BD35<br>☒RCB2BD375* | | | |

*with Black Bezel

| Selector Switch Actuators-Illuminated with Series Resistor | | | | [HSN Code: 8536] |
|---|---|---|---|---|
| 2-Position Illuminated Selector Switch (with BA9S Filament Bulb 130V) suitable for operation at 220V AC/DC | ☒RCB2BK1237▲● | 840 | 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▲● | 840 | 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▲● | 840 | | |
| | ☒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<br>RCB2BG27* | 760 | 10 | |
| 2-Position Key Switch, Key removable in both position | RCB2BG4<br>RCB2BG47* | | | |
| 2-Position Key Switch, Key removable in 'Right Hand' position | ☒RCB2BG02<br>☒RCB2BG027* | | |  |
| 3-Position Key Switch, Key removable in centre 'OFF' position | RCB2BG3<br>RCB2BG37* | 780 | | |
| 3-Position Key Switch, Key removable in all position | ☒RCB2BG0<br>RCB2BG07* | | |  |
| 3-Position Key Switch, Key removable in 'Left Hand & Right Hand ' position | ☒RCB2BG5<br>RCB2BG57* | | | |
| 3-Position Key Switch, Key removable in 'Left Hand' position | RCB2BG9<br>RCB2BG97* | | | |
| 3-Position Key Switch, Key removable in 'Right Hand' position | ☒RCB2BG09<br>RCB2BG097* | | | |
| 3-Position (Spring Return) Key Switch, Key removable in 'Center' position | ☒RCB2BG7<br>RCB2BG77* | | | |
| **Key Actuators with Carrier & Contact element** | | | | |
| 2-Position Key Switch with 1NO Block,Key removable in unactuated position | ☒RCB2BG21<br>RCB2BG271* | 830 | 10 | |
| 2-Position Key Switch with 1NO Block, Key removable in both position | ☒RCB2BG41<br>RCB2BG471* | | |  |
| 3-Position Key Switchwith 1NO+1NC Block key removable in centre 'OFF' position | ☒RCB2BG31<br>RCB2BG371* | 980 | | +  |
| 3-Position Key Switch with 1NO+1NC Block key removable in all position | RCB2BG04<br>RCB2BG074* | | | |

* with Black Bezel

| Contact Elements - NO/NC (Non UL)* | | | | [HSN Code: 8536] |
|---|---|---|---|---|
| Contact Element 1 NO | RE2BE101 | 130 | 50 |  |
| Contact Element 1 NC | RE2BE102 | | | |
| **Contact Elements - NO/NC (UL)*** | | | | |
| Contact Element 1 NO | RB2-BE-101 | 160 | 50 | |
| Contact Element 1 NC | RB2-BE-102 | | | |

*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▲○ | 490 | 10 |  |
| | ☒RCB2BVL73▲● | 490 | | |
| | ☒RCB2BVL74▲● | | | |
| | ☒RCB2BVL75▲● | | | |
| | RCBBVL77▲○ | | | |
| | ☒RCB2BVL78▲● | | | |
| | ☒RCB2BVL76▲● | 980 | | |
| **Economical Barrel LED Series - Type of voltage AC/DC** | | | | |
| Suitable for operating at 12V DC, 240V AC, 415V AC AC/DC-24V, 110V, 220V | RCN7IVL71 ▲○ | 510 | 15 |  |
| | ☒RCN7IVL76▲● | | | |
| | RCN7IVL73▲● | 280 | | |
| | 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 ○ | 200 | 20 |  |
| | RCB2BA27 ● | | | |
| | RCB2BA37 ● | | | |
| | RCB2BA47 ● | | | |
| | RCB2BA57 ● | | | |
| | RCB2BA67 ● | | | |
| Projecting Push Button | RCB2BL17 ○ | 210 | 10 | |
| | RCB2BL27 ● | | | |
| | RCB2BL37 ● | | | |
| | RCB2BL47 ● | | | |
| | RCB2BL57 ● | | | |
| | RCB2BL67 ● | | | |
| **Integrated LED Pilot Lamp - Type of voltage AC/DC** | | | | |
| Integral LED pilot Lamp suitable for operating at common voltage (AC/DC) 110V, 48V, 24V & 12V<br><br>Also available at operational voltage 240V AC, 220V DC, 110V AC, 110V DC | ☒RCB7IVL71▲○ | 560 | 15 |  |
| | ☒RCB7IVL76▲● | | | |
| | ☒RCB7IVL73▲● | 320 | | |
| | ☒RCB7IVL74▲● | | | |
| | ☒RCB7IVL75▲● | | | |
| | ☒RCB7IVL77▲○ | | | |
| | ☒RCB7IVL78▲● | | | |
| Wide range: 12V~240V (AC/DC) | RCB7IVL71▲○ | 970 | | |
| | RCB7IVL76▲● | | | |
| | RCB7IVL73▲● | 710 | | |
| | 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 ○ | 200 | 20 |  |
| | RB2BV03 ● | | | |
| | RB2BV04 ● | | | |
| | RB2BV05 ● | | | |
| | RB2BV06 ● | | | |
| | RB2BV07 ○ | | | |
| | RB2BV08 ● | | | |
| Flush Push Button | RB2BA1 ○ | 170 | 20 |  |
| | RB2BA2 ● | | | |
| | RB2BA3 ● | | | |
| | RB2BA4 ● | | | |
| | RB2BA5 ● | | | |
| | RB2BA6 ● | | | |
| Projecting Push Button | RB2BL1 ○ | 200 | 20 |  |
| | RB2BL2 ● | | | |
| | RB2BL3 ● | | | |
| | RB2BL4 ● | | | |
| | RB2BL5 ● | | | |
| | RB2BL6 ● | | | |
| Mushroom Spring Return | RB2BC2 ● | 250 | 8 |  |
| | RB2BC3 ● | | | |
| | RB2BC4 ● | | | |
| | RB2BC5 ● | | | |
| | RB2BC6 ● | | | |
| Mushroom Stay Put ϕ30mm | RB2BS44 ● | 320 | 10 |  |
| ϕ40mm | RB2BS54 ● | 330 | 8 | |
| ϕ60mm | RB2BS64 ● | 470 | 5 | |
| Mushroom illuminated - 2 position Momentary | RCB2BW43 ● | 580 | 8 | |
| | RCB2BW44 ● | 580 | | |
| - 2 position Maintained | RCB2BW64 ● | 710 | | |
| | RCB2BW63 ● | | | |
| Booted Push Button | RB2BP2 ● | 280 | 20 |  |
| | RB2BP3 ● | | | |
| | RB2BP4 ● | | | |
| | RB2BP5 ● | | | |
| | RB2BP6 ● | | | |
| Double Headed without Light | RB2BA87 | 320 | 10 |  |
| Double Headed Push Button with Light | RB2BW9 | 350 | | |
| Illuminated Flush Push Button | RB2BW31 ○ | 220 | 10 |  |
| | RB2BW33 ● | | | |
| | RB2BW34 ● | | | |
| | RB2BW35 ● | | | |
| | RB2BW36 ● | | | |
| | RB2BW37 ○ | | | |
| | RB2BW38 ● | | | |
| Illuminated Projecting Push Button | RB2BW13 ● | 230 | 10 |  |
| | RB2BW14 ● | | | |
| | RB2BW15 ● | | | |
| | RB2BW16 ● | | | |
| | RB2BW17 ○ | | | |
| | RB2BW38 ● | | | |
| Illuminated Selector 2-Position Stay Put | RB2BK123 ● | 520 | |  |
| | RB2BK124 ● | | | |
| | RB2BK125 ● | | | |
| Illuminated Selector 3-Position Stay Put | RB2BK133 ● | 540 | | |
| | RB2BK134 ● | | | |
| | RB2BK135 ● | | | |

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

| Description | Reference | MRP (₹) | Std. Pkg. (Nos.) | Product Picture |
|---|---|---|---|---|
| LED Pilot Lamp Head | RB2BVL01 ○ | 170 | 20 |  |
| | RB2BVL03 ● | | | |
| | RB2BVL04 ● | | | |
| | RB2BVL05 ● | | | |
| | RB2BVL06 ● | | | |
| | RB2BVL07 ○ | | | |
| | RB2BVL08 ● | | | |
| LED Illuminating Flush Push Button | RB2BWL31 ○ | 230 | 10 |  |
| | RB2BWL33 ● | | | |
| | RB2BWL34 ● | | | |
| | RB2BWL35 ● | | | |
| | RB2BWL36 ● | | | |
| | RB2BWL37 ○ | | | |
| | RB2BWL38 ● | | | |
| LED Illuminating Projecting Push Button | RB2BWL11 ○ | 250 | 10 |  |
| | RB2BWL13 ● | | | |
| | RB2BWL14 ● | | | |
| | RB2BWL15 ● | | | |
| | RB2BWL16 ● | | | |
| | RB2BWL17 ○ | | | |
| | RB2BWL18 ● | | | |

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

| Description | Reference | Operating Handle | MRP (₹) | Std. Pkg. (Nos.) | Product Picture |
|---|---|---|---|---|---|
| Selector 2-Position, Stay Put | RB2BD2 | Standard | 470 | 10 |  |
| Selector 2-Position, Stay Put | RB2BJ2 | Long | 520 | | |
| Selector 2- Position, Spring Return | RB2BDR2 | Standard | 470 | | |
| Selector 2-Position, Stay Put | RB2BJR2 | Long | 520 | | |
| Selector 3-Position, Stay Put (Centre OFF) | RB2BD3 | Standard | 470 | | |
| Selector 3-Position, Stay Put (Centre OFF) | RB2BJ3 | Long | 520 | | |
| Selector 3-Position, Spring Return (Centre OFF) | RB2BDR3 | Standard | 470 | | |
| Selector 3-Position, Stay Put | RB2BJR3 | Long | 520 | | |
| Key Selector 2 -Position, Stay Put | RB2BG2 | Key removable in L.H. position | 710 | | |
| Key Selector 2-Position, Stay Put | RB2BG4 | Key removable in both positions | 710 | |  |
| Key Selector 2-Position, Stay Put | RB2BG02 | Key removable in R . H. position | | | |
| 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 | 710 | | |
| 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 | 720 | | |
| 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 | 720 | 8 | |

## Accessories

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

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

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

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

#Minimum Order Qty. will be 500 Nos.

**How to Order :**

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

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

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

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

**Important :**

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

☒ Non Stockable item.

## Control Stations (Assembled)

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

| Description | Scheme | Colour | Making on legend | Reference | MRP (₹) | Product Picture |
|---|---|---|---|---|---|---|
| 1 Flush Push Button | NO | 3 | I START | RC1P102 | 1150 |  |
| | | | | RC1P103 | | |
| 1 Flush Push Button | NC | 4 | O STOP | RC1P112 | | |
| | | | | RC1P114 | | |
| Latching Push Button | NC | 4 | STOP | RC1PBS542 | 1250 | |
| | | | | RC1PYBS542 | | |
| Mushroom Head Key Switch | NC | 4 | STOP | RC1PBS142 | 1790 | |
| | | | | RC1PYBS142 | | |
| 2 Flush Push Button | NO+NC | 3 | I | RC2P213 | 1640 |  |
| | | 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 | RC2P222 | 1840 |  |
| | | 2 | Down | RC2P222A | | |
| | | 1 | ↔ Right | RC2P223 | | |
| | | 2 | Left | RC2P223A | | |
| | | 1 | Open Close | RC2P241 | | |
| | | 2 | Forward Reverse | RC2P222B | | |
| 3 Flush Push Button | NO + NC + NO | 3 4 3 | Forward Stop Reverse | RC3P311 | 2380 | |
| | | | Up Stop Down | RC3P321 | | |
| | | | Right Stop Left | RC3P331 | | |
| | | | Open Stop Close | RC3P341 | | |
| | | 1 4 2 | ϕ ↕ ↔ | RC3P324 | | |
| | | | | RC3P334 | | |

**Control Stations for Customer Assembly Empty Enclosure, Plastic**

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

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

## Control Stations (Assembled)

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

| Description | Scheme | Colour | Marking on legend | Reference | MRP (₹) | Product Picture |
|---|---|---|---|---|---|---|
| 1 Flush Push Button | NO | 3 | I START | RC1M102 | 1710 |  |
| | | | | RC1M103 | | |
| 1 Flush Push Button | NC | 4 | O STOP | RC1M112 | | |
| | | | | RC1M114 | | |
| Latching Push Button | NC | 4 | STOP | RC1MBS542 | 1900 | |
| Mushroom Head Key Switch | NC | 4 | STOP | RC1MBS142 | 2190 | |
| 2 Flush Push Button | NO+NC | 3<br>4 | I<br>O | RC2M213 | 2160 | |
| 2 Flush Push Button | NO+NC | 3<br>4 | START<br>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<br>2 | ↕ Up-Down | RC2M222 | 2100 |  |
| | | | | RC2M222A | | |
| | | 1<br>2 | ↔ Right-Left | RC2M223 | | |
| | | | | RC2M223A | | |
| | | 1<br>2 | Open-Close | RC2M241 | | |
| | | | Forward-Reverse | RC2M222B | | |
| 3 Flush Push Button | NO + NC + NO | 3<br>4<br>3 | Forward Stop Reverse | RC3M311 | 2670 | |
| | | | Up Stop Down | RC3M321 | | |
| | | | Right Stop Left | RC3M331 | | |
| | | | Open Stop Close | RC3M341 | | |
| | | 1<br>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 | 1320 |  |
| | | 2 | RC2M | 1370 | |
| | | 3 | RC3M | 1640 | |
| | | 4 | RC4M* | 2010 | |

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

## Operating Head for Control Stations

**For Customer assembly**

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

| Description | Reference | MRP (₹) | Std. Pkg. (Nos.) | Product Picture |
|---|---|---|---|---|
| Flush Push Button Spring Return | RP2BA1 ○ | 170 | 20 |  |
| | RP2BA2 ● | | | |
| | RP2BA3 ● | | | |
| | RP2BA4 ● | | | |
| | RP2BA5 ● | | | |
| | RP2BA6 ● | | | |
| | RP2BA334 ↑ | | | |
| | RP2BA335 ↑ | | | |
| Projecting Push Button | RP2BL1 ○ | 170 | 20 |  |
| | RP2BL2 ● | | | |
| | RP2BL3 ● | | | |
| | RP2BL4 ● | | | |
| | RP2BL5 ● | | | |
| | RP2BL6 ● | | | |
| Mushroom Spring Return | RP2BC2 ● | 230 | 8 | |
| | RP2BC3 ● | | | |
| | RP2BC4 ● | | | |
| | RP2BC5 ● | | | |
| | RP2BC6 ● | | | |
| Mushroom Stay Put ϕ30mm | RP2BS44 ● | 290 | 10 | |
| ϕ40mm | RP2BS54 ● | 310 | 8 | |
| ϕ60mm | RP2BS64 ● | 510 | 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 | 450 | 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 | 630 | | |
| Key Selector 2-Position, Stay Put | RP2BG4 | Key removable in both positions | 660 | |  |
| 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 | 690 | | |
| Key Selector 3-Position, Stay Put | RP2BG5 | Key removable in L.. H.& R. H. position | | | |
| Key Selector 3-Position, Stay Put | RP2BG9 | Key removable in L.H. position | 630 | | |
| Key Selector 3-Position, Stay Put | RP2BG09 | Key removable in R. H. position | | |  |
| Key Selector 3-Position, Both Side Spring Return | RP2BG7 | Key removable in Centreposition | | | |
| Mushroom Head with Key Stay Put | RP2BS14 | Key removable in both positions | 630 | 8 | |

☒ Non Stockable item

## Operating Head for Control Stations

**For Customer assembly**

Global Certification

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

[HSN Code: 8536]

| Description | Reference | MRP (₹) | Std. Pkg. (Nos.) | Product Picture |
|---|---|---|---|---|
| Flush Push Button Spring Return | RM2BA1○ | 180 | 20 |  |
| | RM2BA2● | | | |
| | RM2BA3● | | | |
| | RM2BA4● | | | |
| | RM2BA5● | | | |
| | RM2BA6● | | | |
| | RM2BA334 | | |  |
| | RM2BA335 | | | |
| Projecting Push Button | RM2BL1○ | 180 | 20 |  |
| | RM2BL2● | | | |
| | RM2BL3● | | | |
| | RM2BL4● | | | |
| | RM2BL5● | | | |
| | RM2BL6● | | | |
| Mushroom Spring Return ϕ40mm | RM2BC2● | 250 | 8 | |
| | RM2BC3● | | | |
| | RM2BC4● | | | |
| | RM2BC5● | | | |
| | RM2BC6● | | | |
| Mushroom Stay Put ϕ30mm | RM2BS44● | 320 | 10 |  |
| ϕ40mm | RM2BS54● | 360 | 8 | |
| ϕ60mm | RM2BS64● | 440 | 5 | |
| Mushroom Push-Pull Type ϕ40mm | RM2BT43● | 360 | 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 | 470 | 10 |  |
| Selector 2- Position, Spring Return | RM2BDR2 | Standard | | | |
| Selector 3-Position, Stay Put (Centre OFF) | RM2BD3 | Standard | | | |
| Selector 3-Position, Spring Return (Centre OFF) | RM2BDR3 | Standard | | |  |
| Key Selector 2-Position, Stay Put | RM2BG2 | Key removable in L.H. position | 630 | | |
| Key Selector 2-Position, Stay Put | RM2BG4 | Key removable in both positions | 690 | | |
| 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 | 720 | | |
| Key Selector 3-Position, Stay Put | RM2BG5 | Key removable in L.H. & R.H. position | 720 | | |
| Key Selector 3-Position, Stay Put | RM2BG9 | Key removable in L. H. position | 770 | | |
| Key Selector 3-Position, Stay Put | RM2BG09 | Key removable in R. H. position | | | |
| Key Selector 3-Position, Both Side Spring Return | RM2BG7 | Key removable in Centre position | | | |
| Mushroom Head with Key Stay Put | RM2BS14I | Key removable in both positions | 690 | 8 |  |

### 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 | 170 | 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 | 40 | 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 | 35 | 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

# Motor Starters

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







## Motor Starters

**Conforming IS/IEC60947-4-1**

**Star Delta Starter with TC1DXEA Contactor & LR1D Relay in S.S. Enclosure** **[HSN Code: 8536]**

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

**DOL Starter with TC1DXEA Contactor & LR1D Relay in S.S. Enclosure** **[HSN Code: 8536]**



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

**Coil voltage code for Exceed DOL & Star Delta starter**

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

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

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



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

## Motor Starters

**Conforming IS/IEC60947-4-1**



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

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

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

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

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



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

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



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

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

# Motor Starters

**Conforming IS/IEC60947-4-1**



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

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



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

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

## Motor Starters

**Conforming IS/IEC60947-4-1**

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

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

## CS1 Series Starters

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

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



### 3Ø DOL Starters in SS Enclosure

[HSN Code: 8536]

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



### 3Ø Fully Automatic Star-Delta starters in SS Enclosure

[HSN Code: 8536]

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



### 3Ø DOL in S.S. Enclosure

[HSN Code: 8536]

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

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

## Motor Starters

**Conforming IS/IEC60947-4-1**

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

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



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

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

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



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

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

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



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

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

| Coil Voltage (AC) 50Hz | Voltage | |
|---|---|---|
| | 190~400<br>Q | 250~440<br>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

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 | 2810 | 2 |
| CSPDT2385AC3PN | 8536 | | | 385V | 40kA | 3P+N | 4050 | 1 |
| CSPDT2600DC2P | 8536 | Type2 | DC | 600V | 40kA | 2P | 2810 | 2 |
| CSPDT21000DC3P | 8536 | | | 1000V | 40kA | 3P | 3680 | 1 |
| CSPDT21500DC3P | 8536 | | | 1500V | 40kA | 3P | 4970 | 1 |
| CSPDT120385AC1PN | 8536 | Type 1+2 | AC | 385V | 50kA | 1P+N | 9580 | 2 |
| CSPDT120385AC3PN | 8536 | | | 385V | 50kA | 3P+N | 17400 | 1 |
| CSPDT120880AC3P | 8536 | | | 880V | 50kA | 3P | 16630 | 2 |
| CSPDT121300AC3P | 8536 | | | 1300V | 50kA | 3P | 17100 | 2 |
| CSPDT1290011DC3P | 8536 | Type 1+2 | DC | 900V | 50kA | 3P | 12060 | 2 |
| CSPDT1215005DC3P | 8536 | | | 1500V | 50kA | 3P | 11040 | 2 |
| CSPDT121500125DC3P | 8536 | | | 1500V | 50kA | 3P | 26110 | 1 |
| CSPDET2320AC1PN | 8536 | Type2 | DC | 320V | 40kA | 1P+N | 2400 | 2 |
| CSPDET2600DC2P | 8536 | Type2 | DC | 600V | 40kA | 2P | 2400 | 2 |

### SPD Type2 - Ordering Information

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

**NOTE:** * is only for Type2 AC SPD

### SPD Type1+2 - Ordering Information

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

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

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

**DC ENERGY METER**

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

### Basic Meter - Ordering Information

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

**NOTE:** *is only for Frequency Meter

## ENERGY METER

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

## MULTIFUNCTION METER

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

## POWER MONITOR

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

## POWER QUALITY ANALYSER

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

## BRANCH CIRCUIT POWER MONITOR

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

### Multifunction, Energy Meter - Ordering Information

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

# 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 | 6280 |
| 6 | CSAN061D-■ | 30 x 30 | 9030 | 9060 |
| 8 | CSAN081D-■ | 30 x 30 | 9030 | 10680 |
| 10 | CSAN102D-■ | 30 x 65 (2 W) | 9030 | 12220 |
| 12 | CSAN122D-■ | 30 x 30 (8 W)<br>30 x 65 (4 W) | 9030 | 14670 |
| 16 | CSAN162D-■ | 30 x 30 | 9030 | 19560 |
| 20 | CSAN203D-■ | 30 x 30 (16 W)<br>30 x 65 (4 W) | 9030 | 24450 |
| 24 | CSAN243D-■ | 30 x 30 | 9030 | 29330 |
| 28 | CSAN284D-■ | 30 x 30 (24 W)<br>30 x 65 (4 W) | 9030 | 34230 |
| 32 | CSAN324D-■ | 30 x 30 | 9030 | 39120 |
| 36 | CSAN365D-■ | 30 x 30 (32 W)<br>30 x 65 (4 W) | 9030 | 44010 |
| 40 | CSAN405D-■ | 30 x 30 | 9030 | 48900 |
| 48 | CSAN486D-■ | 30 x 30 | 9030 | 58680 |
| 64 | CSAN648D-■ | 30 x 30 | 9030 | 78250 |

### Alarm Annunciator - Ordering Information

**CSAN** — 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.

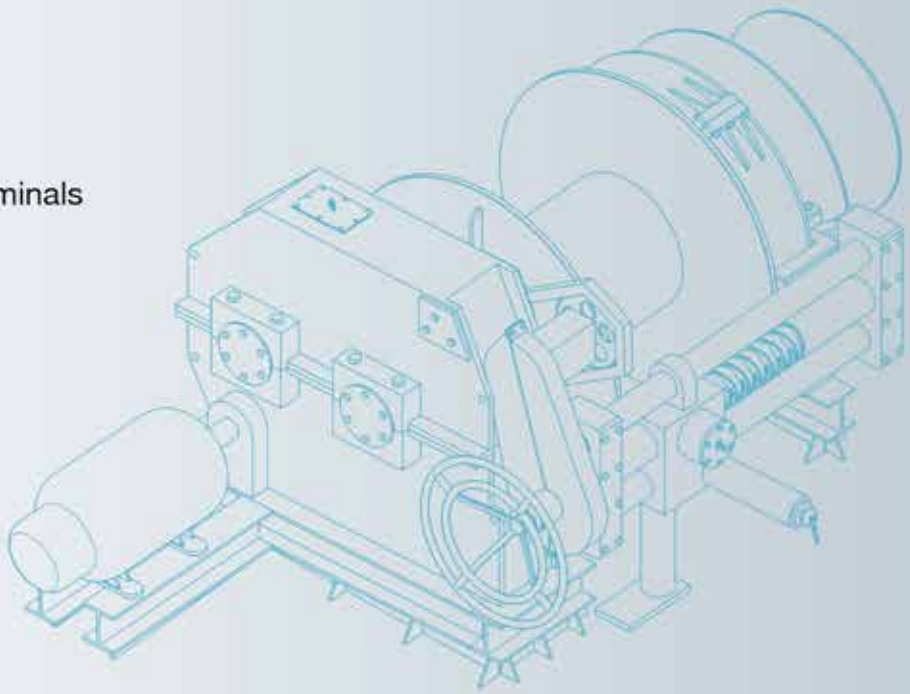
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# POWER CAPACITOR




## 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 100,000

| kVAR Rating - 440V | Reference | MRP (₹) Per kVAR | MOQ |
|---|---|---|---|
| 1 | CSCAPSD001440 | 420 | 36N |
| 2.5 | CSCAPSD025440 | | |
| 3 | CSCAPSD003440 | | 50N |
| 4 | CSCAPSD004440 | | |
| 5 | CSCAPSD005440 | | 16N |
| 7.5 | CSCAPSD075440 | | |
| 10 | CSCAPSD10440 | 320 | |
| 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 150,000

| kVAR Rating - 480V | Reference | MRP (₹) Per kVAR | MOQ |
|---|---|---|---|
| 1 | CSCAPHD001480 | 560 | 36N |
| 2.5 | CSCAPHD025480 | | |
| 3 | CSCAPHD003480 | | 50N |
| 4 | CSCAPHD004480 | | |
| 5 | CSCAPHD005480 | | 16N |
| 7.5 | CSCAPHD075480 | | |
| 10 | CSCAPHD10480 | 510 | |
| 12.5 | CSCAPHD125480 | | |
| 15 | CSCAPHD15480 | | 9N |
| 20 | CSCAPHD20480 | 470 | |
| 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 200,000

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

### Power Capacitor - Ordering Information

**CSCAP** — Capacitor

**SD** — Standard Duty
**HD** — Heavy Duty
**SHD** — Super Heavy Duty

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

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

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

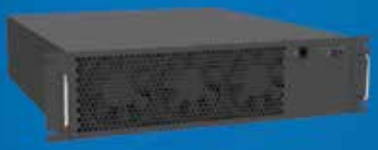
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C&S electric

# MITIGATE YOUR POWER QUALITY ISSUES

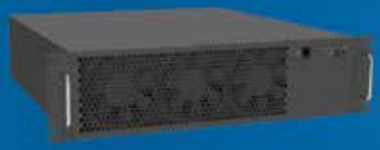
New





## 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 | 17020 |
| 8 Stage APFC Controller with Single CT Input | CSPF-100-R08-110 | 85381010 | 20160 |
| 12 Stage APFC Controller with Single CT Input | CSPF-100-R12-110 | 85381010 | 23010 |
| **Single CT Input Controller (LCD based)** | | | |
| 6 Stage APFC Controller with Single CT Input | CSPF-200-R06-220 | 85381010 | 22690 |
| 8 Stage APFC Controller with Single CT Input | CSPF-200-R08-220 | 85381010 | 24860 |
| 12 Stage APFC Controller with Single CT Input | CSPF-200-R12-220 | 85381010 | 27210 |

### Three CT-Sensing

**Features**

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



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

## 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 | 35830 | 1 |
| CS3PFCR-144-R12 | | 12 | 8538 | 42780 | |
| CS3PFCR-144-R16 | | 16 | 8538 | 42410 | |
| CS3PFCR-144-R8-C | Controller for Capacitor & Shunt Reactor switching with 3P-3CT , RS485, Alarm | 8 | 8538 | 40220 | 1 |
| CS3PFCR-144-R12-C | | 12 | 8538 | 47540 | |
| CS3PFCR-144-R16-C | | 16 | 8538 | 59970 | |



**DETUNED REACTOR (HD REACTOR, 7% IPOO)**

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



**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 | | 8504 | |
| 10kVAr | CSTM1810440 | CSTM1810690 | CSTM2210440 | CSTM2210690 | | 8504 | |
| 15kVAr | CSTM1815440 | CSTM1815690 | CSTM2215440 | CSTM2215690 | | 8504 | |
| 25kVAr | CSTM1825440 | CSTM1825690 | CSTM2225440 | CSTM2225690 | POR | 8504 | 1 |
| 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



| Active VAR Generator - Rack mountable | | | | |
|---|---|---|---|---|
| **AVG Rating** | **Reference** | **MRP (₹)** | **HSN Code** | **Std. Pkg. (Nos.)** |
| 10KVAr 3P/4W AVG, IP20 | CSAVG10 | | 8504 | |
| 30KVAr 3P/4W AVG, IP20 | CSAVG30 | | 8504 | |
| 50KVAr 3P/4W AVG, IP20 | CSAVG50 | POR | 8504 | 1 |
| 75KVAr 3P/4W AVG, IP20 | CSAVG75 | | 8504 | |
| 100KVAr 3P/4W AVG, IP20 | CSAVG100 | | 8504 | |
| 150KVAr 3P/4W AVG, IP20 | CSAVG150 | | 8504 | |
| **Active VAR Generator - Wall mountable** | | | | |
| **AVG Rating** | **Reference** | **MRP (₹)** | **HSN Code** | **Std. Pkg. (Nos.)** |
| 10KVAr 3P/4W AVG, IP20 | CSAVG10W | | 8504 | |
| 30KVAr 3P/4W AVG, IP20 | CSAVG30W | | 8504 | |
| 50KVAr 3P/4W AVG, IP20 | CSAVG50W | POR | 8504 | 1 |
| 75KVAr 3P/4W AVG, IP20 | CSAVG75W | | 8504 | |
| 100KVAr 3P/4W AVG, IP20 | CSAVG100W | | 8504 | |
| 150KVAr 3P/4W AVG, IP20 | CSAVG150W | | 8504 | |

## APF

**Features**

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

**NOTE:**

1. In case of Rack mountable, HMI is mandatory and it shall be ordered separately.
2. One HMI can communicate and integrate with upto 12 Nos. of modules in single cabinet.
3. 7" HMI is to be mounted in the panel door.

| Active Power Filter - Rack mountable | | | | |
|---|---|---|---|---|
| **Product Descriptions** | **Reference** | **MRP (₹)** | **HSN Code** | **Std. Pkg. (Nos.)** |
| 30A 3P/4W APF, IP-20 | CSAPF15A | | 8504 | |
| 50A 3P/4W APF, IP-20 | CSAPF50A | | 8504 | |
| 75A 3P/4W APF, IP-20 | CSAPF75A | POR | 8504 | 1 |
| 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 |

**NOTE:**

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

| Active Power Filter - Wall mountable | | | | |
|---|---|---|---|---|
| **Product Descriptions** | **Reference** | **MRP (₹)** | **HSN Code** | **Std. Pkg. (Nos.)** |
| 30A 3P/4W APF, IP-20 | CSAPF15AW | | 8504 | |
| 50A 3P/4W APF, IP-20 | CSAPF50AW | | 8504 | |
| 75A 3P/4W APF, IP-20 | CSAPF75AW | POR | 8504 | 1 |
| 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.



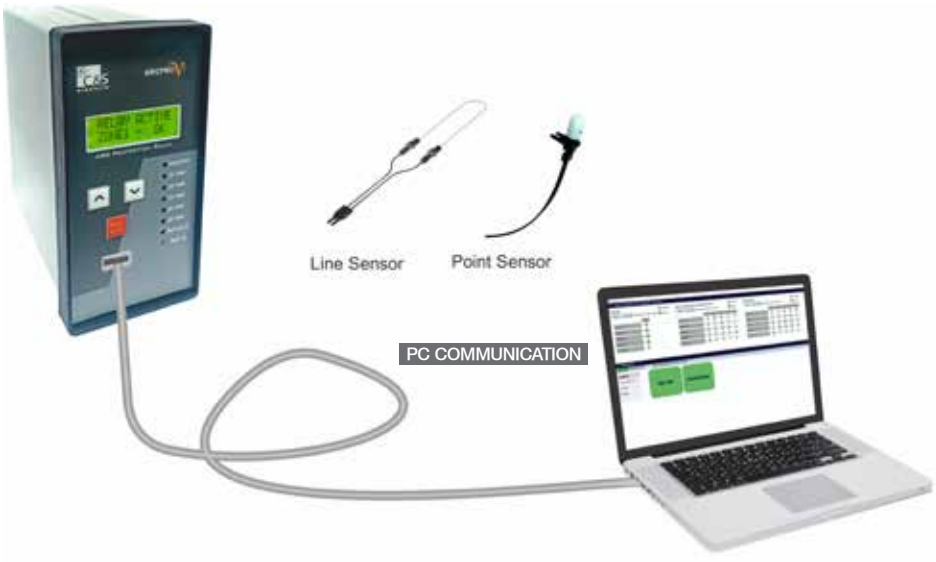
# ARCPRO V1

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



mPRO100



mPRO90

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



**ACCESSORIES**

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

## ORDERING INFORMATION

### mPRO-90

mPRO – 90 – xxx – x – xxx

**Protection Model Series**

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

## DG AMF / Synchronizing Controller

**Models**

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



**Protection & Features**

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





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

## Voltage & Current Monitoring Relay & Timer

**Model**

Voltage Monitoring, Current Monitoring & Timers



**Protection & features**

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





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




## 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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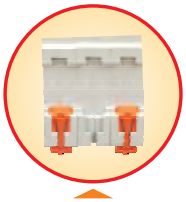
C&S electric

# 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

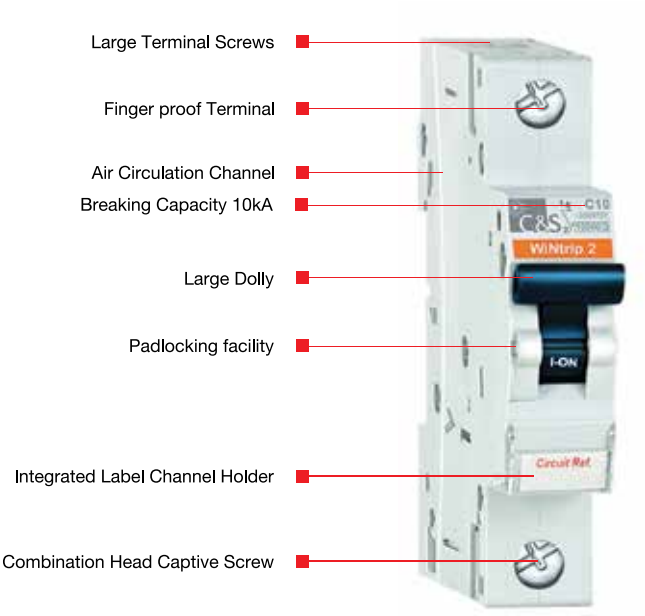
## WiNtrip2 Miniature Circuit Breaker



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 | 370 | 12 |
| 10 | CSMBS1B10 | 370 | |
| 16 | CSMBS1B16 | 370 | |
| 20 | CSMBS1B20 | 370 | |
| 25 | CSMBS1B25 | 370 | |
| 32 | CSMBS1B32 | 370 | |
| 40 | CSMBS1B40 | 870 | |
| 50 | ⊠CSMBS1B50 | 980 | |
| 63 | CSMBS1B63 | 980 | |

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



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

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



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

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

⊠Non Stockable item

## WiNtrip2 Miniature Circuit Breaker

### C-Series

Inductive load with surge current - Motor Circuit Applications

[HSN Code: 8536]



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

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



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

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



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

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

⊠Non Stockable item

## WiNtrip2 Miniature Circuit Breaker

### D-Series

High Inductive Load & High Inrush Current

[HSN Code: 8536]



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

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



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

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



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

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

⊠Non Stockable item

## WiNtrip2 Miniature Circuit Breaker

### K-Series, 'C' Curve

IS/IEC 60947-2

Inductive load with surge current - Motor Circuit Applications

[HSN Code: 8536]







| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|
| **1 Pole** | | | |
| 0.5 | CSMBS1K0.5 | 780 | |
| 1 | CSMBS1K1 | 780 | |
| 2 | CSMBS1K2 | 780 | |
| 3 | CSMBS1K3 | 780 | |
| 4 | CSMBS1K4 | 780 | |
| 5 | CSMBS1K5 | 780 | |
| 6 | CSMBS1K6 | 490 | |
| 10 | CSMBS1K10 | 490 | 12 |
| 16 | CSMBS1K16 | 490 | |
| 20 | CSMBS1K20 | 490 | |
| 25 | CSMBS1K25 | 490 | |
| 32 | CSMBS1K32 | 490 | |
| 40 | CSMBS1K40 | 1090 | |
| 50 | CSMBS1K50 | 1210 | |
| 63 | CSMBS1K63 | 1210 | |
| **1 Pole + N** | | | |
| 0.5 | CSMBS1K0.5N | 2120 | |
| 1 | CSMBS1K1N | 2120 | |
| 2 | CSMBS1K2N | 2120 | |
| 3 | CSMBS1K3N | 2120 | |
| 4 | CSMBS1K4N | 2120 | |
| 5 | CSMBS1K5N | 2120 | |
| 6 | CSMBS1K6N | 1510 | |
| 10 | CSMBS1K10N | 1510 | 6 |
| 16 | CSMBS1K16N | 1510 | |
| 20 | CSMBS1K20N | 1510 | |
| 25 | CSMBS1K25N | 1510 | |
| 32 | CSMBS1K32N | 1510 | |
| 40 | CSMBS1K40N | 2160 | |
| 50 | CSMBS1K50N | 2450 | |
| 63 | CSMBS1K63N | 2450 | |
| **2 Pole** | | | |
| 0.5 | CSMBS2K0.5 | 2230 | |
| 1 | CSMBS2K1 | 2230 | |
| 2 | CSMBS2K2 | 2230 | |
| 3 | CSMBS2K3 | 2230 | |
| 4 | CSMBS2K4 | 2230 | |
| 5 | CSMBS2K5 | 2230 | |
| 6 | CSMBS2K6 | 1610 | |
| 10 | CSMBS2K10 | 1610 | 6 |
| 16 | CSMBS2K16 | 1610 | |
| 20 | CSMBS2K20 | 1610 | |
| 25 | CSMBS2K25 | 1610 | |
| 32 | CSMBS2K32 | 1610 | |
| 40 | CSMBS2K40 | 2390 | |
| 50 | CSMBS2K50 | 2710 | |
| 63 | CSMBS2K63 | 2710 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|
| **3 Pole** | | | |
| 0.5 | CSMBS3K0.5 | 3110 | |
| 1 | CSMBS3K1 | 3110 | |
| 2 | CSMBS3K2 | 3110 | |
| 3 | CSMBS3K3 | 3110 | |
| 4 | CSMBS3K4 | 3110 | |
| 5 | CSMBS3K5 | 3110 | |
| 6 | CSMBS3K6 | 2570 | |
| 10 | CSMBS3K10 | 2570 | 4 |
| 16 | CSMBS3K16 | 2570 | |
| 20 | CSMBS3K20 | 2570 | |
| 25 | CSMBS3K25 | 2570 | |
| 32 | CSMBS3K32 | 2570 | |
| 40 | CSMBS3K40 | 3740 | |
| 50 | CSMBS3K50 | 3980 | |
| 63 | CSMBS3K63 | 3980 | |
| **3 Pole + N** | | | |
| 0.5 | CSMBS3K0.5N | 4010 | |
| 1 | CSMBS3K1N | 4010 | |
| 2 | CSMBS3K2N | 4010 | |
| 3 | CSMBS3K3N | 4010 | |
| 4 | CSMBS3K4N | 4010 | |
| 5 | CSMBS3K5N | 4010 | |
| 6 | CSMBS3K6N | 3260 | |
| 10 | CSMBS3K10N | 3260 | 3 |
| 16 | CSMBS3K16N | 3260 | |
| 20 | CSMBS3K20N | 3260 | |
| 25 | CSMBS3K25N | 3260 | |
| 32 | CSMBS3K32N | 3260 | |
| 40 | CSMBS3K40N | 4390 | |
| 50 | CSMBS3K50N | 4720 | |
| 63 | CSMBS3K63N | 4720 | |
| **4 Pole** | | | |
| 0.5 | CSMBS4K0.5 | 4270 | |
| 1 | CSMBS4K1 | 4270 | |
| 2 | CSMBS4K2 | 4270 | |
| 3 | CSMBS4K3 | 4270 | |
| 4 | CSMBS4K4 | 4270 | |
| 5 | CSMBS4K5 | 4270 | |
| 6 | CSMBS4K6 | 3640 | |
| 10 | CSMBS4K10 | 3640 | 3 |
| 16 | CSMBS4K16 | 3640 | |
| 20 | CSMBS4K20 | 3640 | |
| 25 | CSMBS4K25 | 3640 | |
| 32 | CSMBS4K32 | 3640 | |
| 40 | CSMBS4K40 | 4860 | |
| 50 | CSMBS4K50 | 5260 | |
| 63 | CSMBS4K63 | 5260 | |

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

☒Non Stockable item

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C&S electric




# TRIPLE PROTECTION
## FOR EVERY HOME

## WiNtrip2 Miniature Circuit Breaker

### DC MCB-Series

[HSN Code: 8536]



| Description | Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|
| **1 Pole** | | | | |
| DC MCB SP 6A-250V | 6 | CSMBS1DC6-250 | 840 | 12 |
| DC MCB SP 10A-250V | 10 | CSMBS1DC10-250 | 840 | |
| DC MCB SP 16A-250V | 16 | CSMBS1DC16-250 | 840 | |
| DC MCB SP 20A-250V | 20 | CSMBS1DC20-250 | 840 | |
| DC MCB SP 25A-250V | 25 | CSMBS1DC25-250 | 840 | |
| DC MCB SP 32A-250V | 32 | CSMBS1DC32-250 | 840 | |
| DC MCB SP 40A-250V | 40 | CSMBS1DC40-250 | 1180 | |
| Shorting link | | SHMT8101 | 160 | |



| | | | | |
|---|---|---|---|---|
| **2 Pole** | | | | |
| DC MCB DP 6A-500V | 6 | CSMBS2DC6-500 | 1790 | 6 |
| DC MCB DP 10A-500V | 10 | CSMBS2DC10-500 | 1790 | |
| DC MCB DP 16A-500V | 16 | CSMBS2DC16-500 | 1790 | |
| DC MCB DP 20A-500V | 20 | CSMBS2DC20-500 | 1790 | |
| DC MCB DP 25A-500V | 25 | CSMBS2DC25-500 | 1790 | |
| DC MCB DP 32A-500V | 32 | CSMBS2DC32-500 | 1790 | |
| DC MCB DP 40A-500V | 40 | CSMBS2DC40-500 | 2550 | |
| Shorting link | | SHMT8101 | 160 | |

### DC MCB-Series

[HSN Code: 8536]



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|
| **1 Pole** | | | |
| 0.5 | ⊠CSMBS1DC0.5 | 880 | 12 |
| 1 | ⊠CSMBS1DC1 | 880 | |
| 2 | ⊠CSMBS1DC2 | 880 | |
| 3 | CSMBS1DC3 | 880 | |
| 4 | ⊠CSMBS1DC4 | 880 | |
| 5 | ⊠CSMBS1DC5 | 880 | |
| 6 | CSMBS1DC6 | 760 | |
| 10 | ⊠CSMBS1DC10 | 760 | |
| 16 | ⊠CSMBS1DC16 | 760 | |
| 20 | ⊠CSMBS1DC20 | 760 | |
| 25 | ⊠CSMBS1DC25 | 760 | |
| 32 | ⊠CSMBS1DC32 | 760 | |
| 40 | ⊠CSMBS1DC40 | 1060 | |
| 50 | ⊠CSMBS1DC50 | 1240 | |
| 63 | ⊠CSMBS1DC63 | 1240 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|
| **2 Pole** | | | |
| 0.5 | CSMBS2DC0.5 | 2080 | 6 |
| 1 | CSMBS2DC1 | 2080 | |
| 2 | ⊠CSMBS2DC2 | 2080 | |
| 3 | CSMBS2DC3 | 2080 | |
| 4 | CSMBS2DC4 | 2080 | |
| 5 | CSMBS2DC5 | 2080 | |
| 6 | CSMBS2DC6 | 1610 | |
| 10 | CSMBS2DC10 | 1610 | |
| 16 | CSMBS2DC16 | 1610 | |
| 20 | CSMBS2DC20 | 1610 | |
| 25 | CSMBS2DC25 | 1610 | |
| 32 | CSMBS2DC32 | 1610 | |
| 40 | ⊠CSMBS2DC40 | 2260 | |
| 50 | ⊠CSMBS2DC50 | 2540 | |
| 63 | CSMBS2DC63 | 2540 | |

### 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 | 1500 | 12 |
| Auxilary Contact | CSMBAXSF2 | 2NO-2NC | Changeover | Right | 9 mm | Wintrip2 0.5-63 | 1570 | |
| Auxilary Contact | CSMBAXSF11 | 1NO-1NC | Potential free | Left | 18 mm | Wintrip2 0.5-63 | 1500 | 6 |
| Alarm Contact | CSMBALSF1 | 1 Changeover | Changeover | Right | 9 mm | Wintrip2 0.5-63 | 1300 | 12 |
| Shunt Trip | CSMBS012DCSF | - | - | Left | 18 mm | Wintrip2 0.5-63 | 1790 | 6 |
| Shunt Trip | CSMBS024DCSF | - | - | Left | 18 mm | Wintrip2 0.5-63 | 1790 | |
| Shunt Trip | CSMBS048DCSF | - | - | Left | 18 mm | Wintrip2 0.5-63 | 1790 | |
| Shunt Trip | CSMBS220ACSF | - | - | Left | 18 mm | Wintrip2 0.5-63 | 1790 | |

⊠Non Stockable item

## WiNtrip2 Isolator (IEC 60947-3)



[HSN Code: 8536]

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

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



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

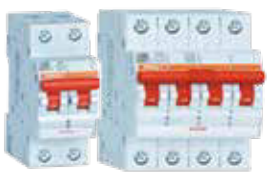
| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|
| **4 Pole** | | | |
| 25 | CSMBS4SD25 | 1740 | 3 |
| 40 | CSMBS4SD40 | 2150 | |
| 63 | CSMBS4SD63 | 2360 | |
| 80 | CSMBS4SD80 | 2920 | |
| 100 | CSMBS4SD100 | 2950 | |
| 125 | CSMBS4SD125 | 3250 | |



[HSN Code: 8536]

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|
| **1 Pole** | | | |
| 25 | ⊠CSMBS1ISO25 | 470 | 12 |
| 40 | ⊠CSMBS1ISO40 | 620 | |
| 63 | ⊠CSMBS1ISO63 | 700 | |
| 80 | CSMBS1ISO80 | POR | |
| 100 | ⊠CSMBS1ISO100 | POR | |
| 125 | ⊠CSMBS1ISO125 | POR | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|
| **3 Pole** | | | |
| 25 | CSMBS3ISO25 | 1450 | 4 |
| 40 | CSMBS3ISO40 | 1660 | |
| 63 | CSMBS3ISO63 | 1870 | |
| 80 | ⊠CSMBS3ISO80 | POR | |
| 100 | CSMBS3ISO100 | POR | |
| 125 | ⊠CSMS3ISO125 | POR | |



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|
| **2 Pole** | | | |
| 25 | CSMBS2ISO25 | 790 | 6 |
| 40 | CSMBS2ISO40 | 860 | |
| 63 | CSMBS2ISO63 | 1090 | |
| 80 | ⊠CSMBS2ISO80 | POR | |
| 100 | CSMBS2ISO100 | POR | |
| 125 | CSMBS2ISO125 | POR | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|
| **4 Pole** | | | |
| 25 | ⊠CSMBS4ISO25 | 1540 | 3 |
| 40 | CSMBS4ISO40 | 1900 | |
| 63 | CSMBS4ISO63 | 2100 | |
| 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 | 3520 | 8 |
| 100 | CSMBH1C100 | 3940 | |
| 125 | CSMBH1C125 | 4270 | |
| **2 Pole** | | | |
| 80 | CSMBH2C80 | 7870 | 4 |
| 100 | CSMBH2C100 | 8410 | |
| 125 | ☒CSMBH2C125 | 9250 | |

| 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 | 1630 | 12 |
| Auxilary Contact | CSMBAXHSF2 | 2NO-2NC | Changeover | Right | 9 mm | Wintrip2 80-100 | 1710 | |
| Alarm Contact | CSMBALHSF1 | 1 Changeover | Changeover | Right | 9 mm | Wintrip2 80-100 | 1630 | |
| Shunt Trip | CSMBHS012DCSF | - | - | Left | 18 mm | Wintrip2 80-100 | 1910 | 6 |
| Shunt Trip | CSMBHS024DCSF | - | - | Left | 18 mm | Wintrip2 80-100 | 1910 | |
| Shunt Trip | CSMBHS048DCSF | - | - | Left | 18 mm | Wintrip2 80-100 | 1910 | |
| Shunt Trip | CSMBHS220ACSF | - | - | Left | 18 mm | Wintrip2 80-100 | 1910 | |

## WiNtrip MCB Type Changeover Switch

[HSN Code: 8536]





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

## SmartSol Mini MCB DP

[HSN Code: 8536]



| Description | Current rating (Amps.) | Reference | MRP (₹) |
|---|---|---|---|
| DP "C" 6~32A Mini MCB with Enclosure | 6~32 | CSMBSS2C6~32☒ | 1050 |
| SPN "C" 6~32A Mini MCB with Enclosure | 6~32 | CSMBSS1C6~32*N | 940 |

☒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 | | | |
| CSRCBOSPNC16A30-10KA | | | |
| CSRCBOSPNC20A30-10KA | | | |
| CSRCBOSPNC25A30-10KA | | | |
| CSRCBOSPNC32A30-10KA | | | |
| CSRCBOSPNC40A30-10KA | | | |
| **100mA 10kA** | | | |
| CSRCBOSPNC06A100-10KA | | POR | 5 |
| CSRCBOSPNC10A100-10KA | | | |
| CSRCBOSPNC16A100-10KA | | | |
| CSRCBOSPNC20A100-10KA | | | |
| CSRCBOSPNC25A100-10KA | | | |
| CSRCBOSPNC32A100-10KA | | | |
| CSRCBOSPNC40A100-10KA | | | |
| **300mA 10kA** | | | |
| CSRCBOSPNC06A300-10KA | | POR | 5 |
| CSRCBOSPNC10A300-10KA | | | |
| CSRCBOSPNC16A300-10KA | | | |
| CSRCBOSPNC20A300-10KA | | | |
| CSRCBOSPNC25A300-10KA | | | |
| CSRCBOSPNC32A300-10KA | | | |
| CSRCBOSPNC40A300-10KA | | | |



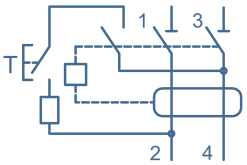
| 2 Pole (4 Module) | | | 4 Pole (8 Module) | | | [HSN Code: 8536] |
|---|---|---|---|---|---|---|
| **Product Code** | **MRP (₹)** | **Std. Pkg. (Nos.)** | **Product Code** | **MRP (₹)** | **Std. Pkg. (Nos.)** | |
| **30mA 10kA** | | | **30mA 10kA** | | | |
| CSRCBO2PC06A30-10KA | POR | 4 | CSRCBO4PC06A30-10KA | POR | 2 | |
| CSRCBO2PC10A30-10KA | POR | | CSRCBO4PC10A30-10KA | | | |
| CSRCBO2PC16A30-10KA | POR | | CSRCBO4PC16A30-10KA | | | |
| CSRCBO2PC20A30-10KA | POR | | CSRCBO4PC20A30-10KA | | | |
| CSRCBO2PC25A30-10KA | POR | | CSRCBO4PC25A30-10KA | | | |
| CSRCBO2PC32A30-10KA | POR | | CSRCBO4PC32A30-10KA | | | |
| CSRCBO2PC40A30-10KA | POR | | CSRCBO4PC40A30-10KA | | | |
| CSRCBO2PC63A30-10KA | POR | | CSRCBO4PC63A30-10KA | | | |
| **100mA 10kA** | | | **100mA 10kA** | | | |
| CSRCBO2PC06A100-10KA | POR | 4 | CSRCBO4PC06A100-10KA | POR | 2 | |
| CSRCBO2PC10A100-10KA | POR | | CSRCBO4PC10A100-10KA | | | |
| CSRCBO2PC16A100-10KA | POR | | CSRCBO4PC16A100-10KA | | | |
| CSRCBO2PC20A100-10KA | POR | | CSRCBO4PC20A100-10KA | | | |
| CSRCBO2PC25A100-10KA | POR | | CSRCBO4PC25A100-10KA | | | |
| CSRCBO2PC32A100-10KA | POR | | CSRCBO4PC32A100-10KA | | | |
| CSRCBO2PC40A100-10KA | POR | | CSRCBO4PC40A100-10KA | | | |
| CSRCBO2PC63A100-10KA | POR | | CSRCBO4PC63A100-10KA | | | |



| **300mA 10kA** | | | **300mA 10kA** | | | |
|---|---|---|---|---|---|---|
| CSRCBO2PC06A300-10KA | POR | 4 | CSRCBO4PC06A300-10KA | POR | 2 | |
| CSRCBO2PC10A300-10KA | POR | | CSRCBO4PC10A300-10KA | | | |
| CSRCBO2PC16A300-10KA | POR | | CSRCBO4PC16A300-10KA | | | |
| CSRCBO2PC20A300-10KA | POR | | CSRCBO4PC20A300-10KA | | | |
| CSRCBO2PC25A300-10KA | POR | | CSRCBO4PC25A300-10KA | | | |
| CSRCBO2PC32A300-10KA | POR | | CSRCBO4PC32A300-10KA | | | |
| CSRCBO2PC40A300-10KA | POR | | CSRCBO4PC40A300-10KA | | | |
| CSRCBO2PC63A300-10KA | POR | | CSRCBO4PC63A300-10KA | | | |

## WiNtrip Residual Current Circuit Breaker








Test Button



Bi-connect Terminals

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

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|
| 10 | CSRB2P10A30-10kA | 4870 | |
| 16 | CSRB2P16A30-10kA | 4870 | |
| 20 | ⊠CSRB2P20A30-10kA | 4870 | |
| 25 | CSRB2P25A30-10kA | 5010 | |
| 32 | CSRB2P32A30-10kA | 5120 | 5 |
| 40 | CSRB2P40A30-10kA | 5170 | |
| 63 | CSRB2P63A30-10kA | 6890 | |
| 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 | 4870 | |
| 16 | CSRB2P16A100-10kA | 4870 | |
| 20 | ⊠CSRB2P20A100-10kA | 4870 | |
| 25 | CSRB2P25A100-10kA | 5010 | |
| 32 | CSRB2P32A100-10kA | 5120 | 5 |
| 40 | CSRB2P40A100-10kA | 5170 | |
| 63 | CSRB2P63A100-10kA | 6890 | |
| 80 | CSRB2P80A100-10kA | POR | |
| 100 | ⊠CSRB2P100A100-10kA | POR | |

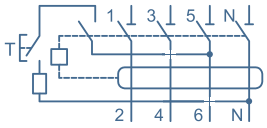
**2 Pole, 300mA 10kA** [HSN Code: 8536]

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|
| 10 | CSRB2P10A300-10kA | 4880 | |
| 16 | ⊠CSRB2P16A300-10kA | 4880 | |
| 20 | CSRB2P20A300-10kA | 4890 | |
| 25 | CSRB2P25A300-10kA | 5280 | |
| 32 | ⊠CSRB2P32A300-10kA | 5340 | 5 |
| 40 | ⊠CSRB2P40A300-10kA | 5660 | |
| 63 | ⊠CSRB2P63A300-10kA | 7090 | |
| 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 | 6050 | |
| 16 | CSRB4P16A30-10kA | 6070 | |
| 20 | ☒CSRB4P20A30-10kA | 6130 | |
| 25 | CSRB4P25A30-10kA | 6440 | |
| 32 | CSRB4P32A30-10kA | 6450 | 4 |
| 40 | CSRB4P40A30-10kA | 6600 | |
| 63 | CSRB4P63A30-10kA | 7490 | |
| 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 | 6050 | |
| 16 | ☒CSRB4P16A100-10kA | 6070 | |
| 20 | CSRB4P20A100-10kA | 6130 | |
| 25 | CSRB4P25A100-10kA | 6440 | |
| 32 | CSRB4P32A100-10kA | 6450 | 4 |
| 40 | CSRB4P40A100-10kA | 6600 | |
| 63 | CSRB4P63A100-10kA | 7490 | |
| 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 | 6070 | |
| 16 | ☒CSRB4P16A300-10kA | 6120 | |
| 20 | CSRB4P20A300-10kA | 6180 | |
| 25 | ☒CSRB4P25A300-10kA | 6740 | |
| 32 | ☒CSRB4P32A300-10kA | 6740 | 4 |
| 40 | CSRB4P40A300-10kA | 7020 | |
| 63 | CSRB4P63A300-10kA | 7550 | |
| 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




# ACCL

## Automatic Changeover with Current Limiter

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

### ACCL

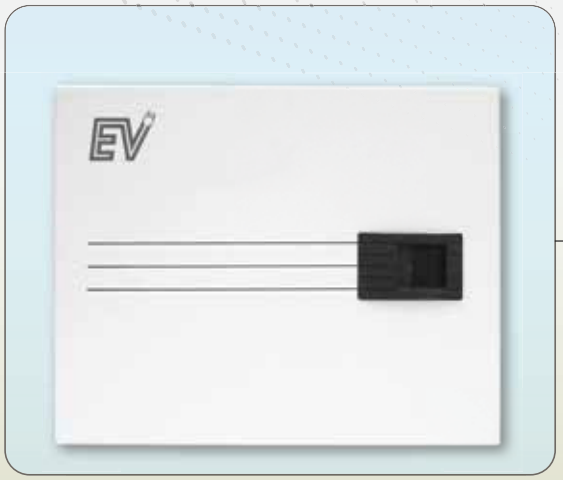
[HSN Code: 8536]

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

☒Non Stockable item

C&S electric

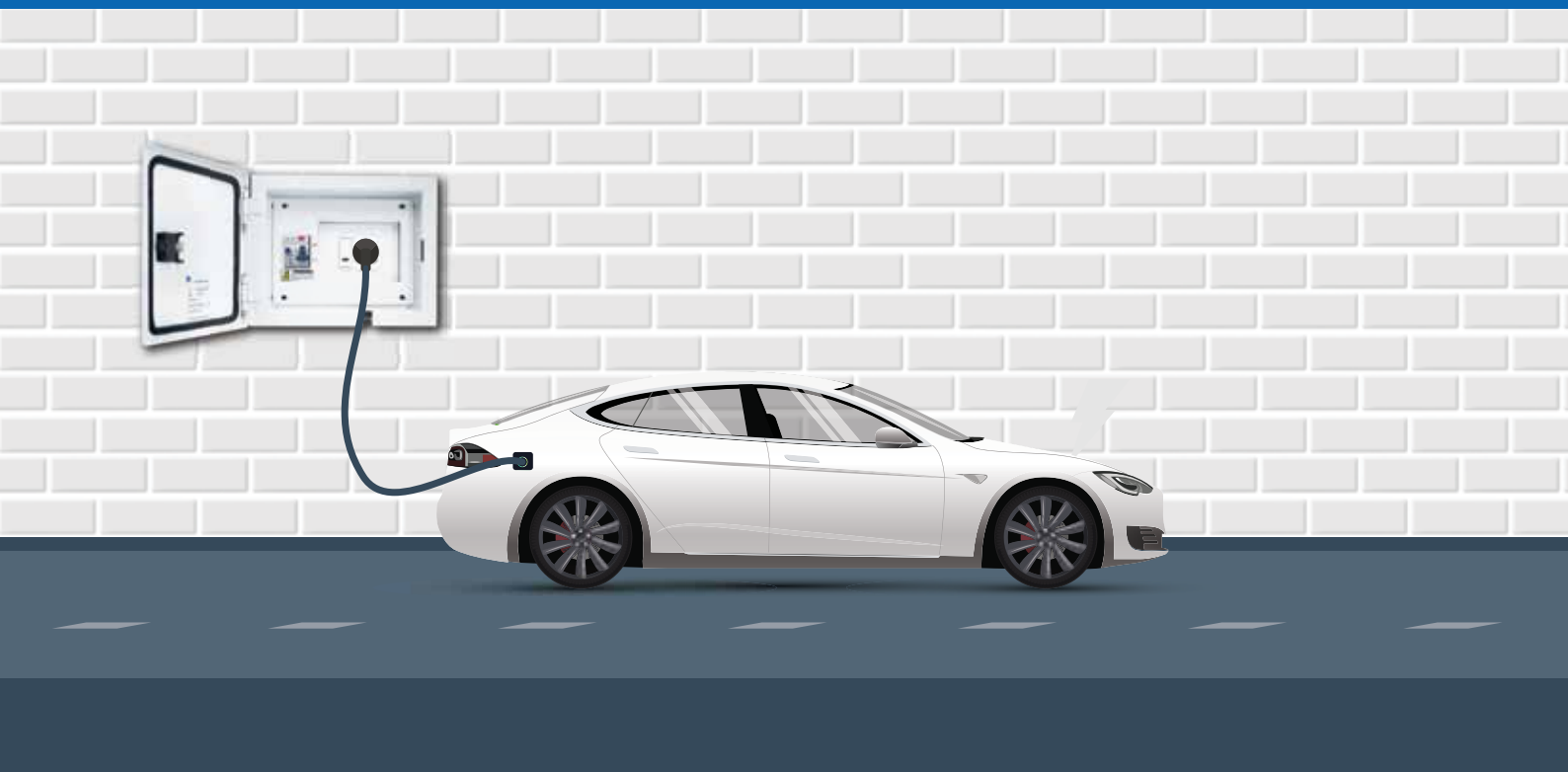
# EV Distribution Board




- 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



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 | 2850 |
| SPN Double Door 06 Way IP43 DB | CSDBSPNPWXDD06 | 6 | 3340 |
| SPN Double Door 08 Way IP43 DB | CSDBSPNPWXDD08 | 8 | 3600 |
| SPN Double Door 10 Way IP43 DB | CSDBSPNPWXDD10 | 10 | 4350 |
| SPN Double Door12 Way IP43 DB | CSDBSPNPWXDD12 | 12 | 4570 |
| SPN Double Door 16 Way IP43 DB | CSDBSPNPWXDD16 | 16 | 5810 |
| SPN Double Door 20 Way IP43 DB | CSDBSPNPWXDD20 | 20 | 7850 |
| **TPN Distribution Board** | | | |
| TPNH Double Door 04 Way IP43 DB | CSDBTPNHPWXDD04 | 8+12 | 7690 |
| TPNH Double Door 06 Way IP43 DB | CSDBTPNHPWXDD06 | 8+18 | 9590 |
| TPNH Double Door 08 Way IP43 DB | CSDBTPNHPWXDD08 | 8+24 | 11920 |
| TPNH Double Door 12 Way IP43 DB | CSDBTPNHPWXDD12 | 8+36 | 16170 |
| TPNH Double Door 16 Way IP43 DB | CSDBTPNHPWXDD16 | 8+48 | 21070 |

☒ 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 | 12670 |
| 6 Way Double Door | CSDBTPNVPPIWXDD06 | 8+6+18 | 13270 |
| 8 Way Double Door | CSDBTPNVPPIWXDD08 | 8+6+24 | 15210 |
| 12 Way Double Door | CSDBTPNVPPIWXDD12 | 8+6+36 | 18870 |
| **PPI Horizontal Distribution Board** | | | |
| 4 Way Double Door | CSDBTPNHPPIWXDD04 | 8+6+12 | 11010 |
| 6 Way Double Door | CSDBTPNHPPIWXDD06 | 8+6+18 | 12420 |
| 8 Way Double Door | CSDBTPNHPPIWXDD08 | 8+6+24 | 14140 |
| 12 Way Double Door | CSDBTPNHPPIWXDD12 | 8+6+36 | 17720 |
| **Description** | **Product Code** | **No. of Modules (Incomer+Outgoing)** | **MRP (₹)** |
| **VTPN Distribution Board** (with provision for MCCB WiNbreak1 as incomer & WiNtrip2 MCB as outgoing) | | | |
| DB MCCB AS I/C 125A DD04 Way | CSDBMCCB125PWXDD04S | MCCB+12 | 19950 |
| DB MCCB AS I/C 125A DD06 Way | CSDBMCCB125PWXDD06S | MCCB+18 | 21570 |
| DB MCCB AS I/C 125A DD08 Way | CSDBMCCB125PWXDD08S | MCCB+24 | 22460 |
| DB MCCB AS I/C 125A DD12 Way | CSDBMCCB125PWXDD12S | MCCB+36 | 30390 |
| DB MCCB AS I/C 250A DD04 Way | CSDBMCCB250PWXDD04S | MCCB+12 | 23950 |
| DB MCCB AS I/C 250A DD06 Way | CSDBMCCB250PWXDD06S | MCCB+18 | 27530 |
| DB MCCB AS I/C 250A DD08 Way | CSDBMCCB250PWXDD08S | MCCB+24 | 31170 |
| DB MCCB AS I/C 250A DD12 Way | CSDBMCCB250PWXDD12S | MCCB+36 | 38950 |
| **Description** | **Product Code** | **No. of Modules (Incomer+Outgoing)** | **MRP (₹)** |
| **VTPN Distribution Board** (with WiNtrip2 MCB as Incoming & Outgoing) | | | |
| TPNV Double Door 04 Way IP43 DB | CSDBTPNVMCBWXDD04 | 8+12 | 13560 |
| TPNV Double Door 06 Way IP43 DB | CSDBTPNVMCBWXDD06 | 8+18 | 16010 |
| TPNV Double Door 08 Way IP43 DB | CSDBTPNVMCBWXDD08 | 8+24 | 18500 |
| TPNV Double Door 12 Way IP43 DB | CSDBTPNVMCBWXDD12 | 8+36 | 23600 |

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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

## EPiTOME IP43 Distribution Boards

| Description | Product Code | No. of Modules (Incomer+Outgoing) | MRP (₹) |
|---|---|---|---|
| **SPN Distribution Board** | | | |
| SPN Double Door 04 Way IP43 DB | CSDBSPNMIVWXDD04 | 4 | 3560 |
| SPN Double Door 08 Way IP43 DB | CSDBSPNMIVWXDD08 | 8 | 4510 |
| SPN Double Door12 Way IP43 DB | CSDBSPNMIVWXDD12 | 12 | 5720 |
| SPN Double Door 16 Way IP43 DB | CSDBSPNMIVWXDD16 | 16 | 7260 |
| **TPN Distribution Board** | | | |
| TPNH Double Door 04 Way IP43 DB | CSDBTPNHMIVWXDD04 | 8+12 | 9020 |
| TPNH Double Door 06 Way IP43 DB | CSDBTPNHMIVWXDD06 | 8+18 | 9960 |
| TPNH Double Door 08 Way IP43 DB | CSDBTPNHMIVWXDD08 | 8+24 | 12350 |
| TPNH Double Door 12 Way IP43 DB | CSDBTPNHMIVWXDD12 | 8+36 | 17120 |
| **Description** | **Product Code** | **No. of Modules (Incomer+Outgoing)** | **MRP (₹)** |
| SPN TELEPHONE & TELEVISION SOCKET DISTRIBUTION BOARD | CSDBSPNMIVWXTVTELDD06 | 2+06 | 4570 |
| | CSDBSPNMIVWXTVTELDD08 | 2+08 | 6800 |
| | CSDBSPNMIVWXTVTELDD12 | 2+12 | 8060 |
| | CSDBSPNMIVWXTVTELDD14 | 2+14 | 9030 |
| TPN TELEPHONE & TELEVISION SOCKET DISTRIBUTION BOARD | CSDBTPNHMIVWXTVTELDD04 | 8+12 | 11210 |
| | CSDBTPNHMIVWXTVTELDD06 | 8+18 | 12470 |
| | CSDBTPNHMIVWXTVTELDD08 | 8+24 | 16700 |
| | CSDBTPNHMIVWXTVTELDD12 | 8+36 | 19360 |

## EPiC Distribution Board

[HSN Code: 8537]



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

## EPiC Distribution Board

[HSN Code: 8537]



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









## EPiC-F Distribution Board

[HSN Code: 8537]

| Description | Product Code | No. of Modules (Incomer+Outgoing) | MRP (₹) |
|---|---|---|---|
| **SPN Distribution Board** | | | |
| 04 Way SPN Single Door | CSDBSPNPSD04 | 4 | 1410 |
| 06 Way SPN Single Door | CSDBSPNPSD06 | 6 | 1550 |
| 08 Way SPN Single Door | CSDBSPNPSD08 | 8 | 1780 |
| 12 Way SPN Single Door | CSDBSPNPSD12 | 12 | 2340 |
| 16 Way SPN Single Door | CSDBSPNPSD16 | 16 | 3050 |
| **SPN Distribution Board** | | | |
| 04 Way SPN Double Door | CSDBSPNPCGDD04 | 4 | 2300 |
| 06 Way SPN Double Door | CSDBSPNPCGDD06 | 6 | 2570 |
| 08 Way SPN Double Door | CSDBSPNPCGDD08 | 8 | 2880 |
| 10 Way SPN Double Door | CSDBSPNPCGDD10 | 10 | 3490 |
| 12 Way SPN Double Door | CSDBSPNPCGDD12 | 12 | 3780 |
| 16 Way SPN Double Door | CSDBSPNPCGDD16 | 16 | 4720 |
| **TPN-Horizontal Distribution Board** | | | |
| 04 Way TPNH Single Door | CSDBTPNHPSD04 | 8+12 | 4550 |
| 06 Way TPNH Single Door | ⊠CSDBTPNHPSD06 | 8+18 | 5670 |
| 08 Way TPNH Single Door | ⊠CSDBTPNHPSD08 | 8+24 | 6600 |
| 12 Way TPNH Single Door | ⊠CSDBTPNHPSD12 | 8+36 | 8910 |
| **TPN-Horizontal Distribution Board** | | | |
| 04 Way TPNH Double Door | CSDBTPNHPCGDD04 | 8+12 | 6170 |
| 06 Way TPNH Double Door | CSDBTPNHPCGDD06 | 8+18 | 7700 |
| 08 Way TPNH Double Door | CSDBTPNHPCGDD08 | 8+24 | 9360 |
| 12 Way TPNH Double Door | CSDBTPNHPCGDD12 | 8+36 | 13100 |
| **VTPN Distribution Board** (with provision for MCCB WiNbreak1 as incomer & WiNtrip2 MCB as outgoing) | | | |
| DB MCCB AS I/C 100A DD04 Way | CSDBMCCB125PDD04S | MCCB+12 | 19270 |
| DB MCCB AS I/C 100A DD08 Way | CSDBMCCB125PDD08S | MCCB+24 | 21730 |
| DB MCCB AS I/C 100A DD12 Way | CSDBMCCB125PDD12S | MCCB+36 | 30020 |
| DB MCCB AS I/C 250A DD04 Way | ⊠CSDBMCCB250PDD04S | MCCB+12 | 23130 |
| DB MCCB AS I/C 250A DD08 Way | CSDBMCCB250PDD08S | MCCB+24 | 30130 |
| DB MCCB AS I/C 250A DD12 Way | CSDBMCCB250PDD12S | MCCB+36 | 37640 |

**Selection Table for MCCB as Incomer VTPN Distribution Boards**



| | Description | Product Code | Type/Breaking Capacity Ics=100%Icu | MCCB Rating |
|---|---|---|---|---|
| WiNbreak 1 MCCB | CSE1M125ATM3P-*, CSE1M125ATM4P-*<br>CSE1NN125ATM3P-*, CSE1NN125ATM4P-*<br>CSE1NN125ETM3P-*, CSE1NN125ETM4P-*<br>CSE1S125ETM3P-*, CSE1S125ETM4P-* | CSDBMCCB125PDD04S<br>CSDBMCCB125PDD08S<br>CSDBMCCB125PDD12S | 25kA, 36kA & 50kA | #FMU Realease with rating lower than 63A<br>ATM - 63A, 80A, 100A,125A<br>ETM - 40A, 63A, 100A, 125A |
| | CSE2M250ATM3P-*, CSE2M250A M4P-*<br>CSE2NN250ATM3P-*, CSE2NN250ATM4P-*<br>CSE2NN250ETM3P-*, CSE2NN250ETM4P-*<br>CSE2S250ETM3P-*, CSE2S250ETM4P-*<br>CSE2SX250ETM3P-*, CSE2SX250ETM4P-*<br>CSE2SX250ATM3P-*, CSE2SX250ATM4P-* | CSDBMCCB250PDD04S<br>CSDBMCCB250PDD08S<br>CSDBMCCB250PDD12S | 25kA, 36kA & 50kA | ATM - 160A, 200A, 250V<br>ETM - 160V, 200V, 250V |

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

#For lower ratings please contact nearest Branch Office.

## Special Distribution Board



**Polycarbonate Cover Consumer Unit DB** [HSN Code: 8537]

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



**Phase Selector Distribution Board** - TPN Phase Selector DD DB for incorporating MCB / Isolator / RCCB, equipped with 3 Nos 63A Phase Selector Switches & 3 No Piano Switches [HSN Code: 8537]

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



**7 Segment Distribution Board** [HSN Code: 8537]

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

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

☒Non Stockable item

**FLEXI TIER Distribution Board** [HSN Code: 8537]

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

## Cable End Boxes

[HSN Code: 8537]



### EPITOME

| Description | Product Code | MRP (₹) |
|---|---|---|
| **SPN Cable End Box** | | |
| SPN 4 Way | CSDBCBSPNPWXDD04 | 1430 |
| SPN 6 Way | CSDBCBSPNPWXDD06 | 1640 |
| SPN 8 Way | CSDBCBSPNPWXDD08 | 1840 |
| SPN 10 Way | CSDBCBSPNPWXDD10 | 2050 |
| SPN 12 Way | CSDBCBSPNPWXDD12 | 2240 |
| SPN 16 Way | CSDBCBSPNPWXDD16 | 2660 |
| SPN 20 Way | CSDBCBSPNPWXDD20 | 3090 |
| TPN 4 Way | CSDBCBTPNHPWXDD04 | 2370 |
| TPN 6 Way | CSDBCBTPNHPWXDD06 | 2550 |
| TPN 8 Way | CSDBCBTPNHPWXDD08 | 2810 |
| TPN 12 Way | CSDBCBTPNHPWXDD12 | 3660 |
| TPN 16 Way | CSDBCBTPNHPWXDD16 | 4590 |
| **VTPN MCB I/C Cable End Box** | | |
| CABLE END BOX FOR CSDBTPNVMCBWXDD04~12 Way DB | CSDBCBTPNVMCBWXDD | 2590 |
| **VTPN MCCB I/C Cable End Box** | | |
| CABLE END BOX FOR CSDBMCCBPWXDD04~12S Way DB | CSDBCBMCCBPWXDD | 3060 |
| **PPI HORIZONTAL DB CABLE END BOX** | | |
| 4 WAY DD | CSDBCBTPNHPPIWXDD04 | 3030 |
| 6 WAY DD | CSDBCBTPNHPPIWXDD06 | 3410 |
| 8 WAY DD | CSDBCBTPNHPPIWXDD08 | 3920 |
| 12 WAY DD | CSDBCBTPNHPPIWXDD12 | 4900 |
| **PPI VERTICAL DB CABLE END BOX** | | |
| 6 WAY DD | CSDBCBTPNVPPIWXDD06 | 3670 |
| 8 WAY DD | CSDBCBTPNVPPIWXDD08 | 4180 |
| 12 WAY DD | CSDBCBTPNVPPIWXDD12 | 5230 |
| **Epic-F / Epic Cable End Box** | | |
| **SPN Cable End Box** | | |
| SPN 4 Way | CSDBCBSPNPDD04 | 1110 |
| TPNH 6 Way | CSDBCBSPNPDD06 | 1230 |
| SPN 8 Way | CSDBCBSPNPDD08 | 1390 |
| SPN 12 Way | CSDBCBSPNPDD12 | 1730 |
| SPN 16 Way | CSDBCBSPNPDD16 | 2110 |
| **TPNH Cable End Box** | | |
| TPNH 4 Way | CSDBCBTPNHPDD04 | 1790 |
| TPNH 6 Way | CSDBCBTPNHPDD06 | 2070 |
| TPNH 8 Way | CSDBCBTPNHPDD08 | 2350 |
| TPNH 12 Way | CSDBCBTPNHPDD12 | 3000 |
| **TPNV Cable End Box** | | |
| CABLE END BOX FOR CSDBTPNVPEDD 04~12 WAY DB | CSDBCBTPNVPEDD | 2550 |
| **VTPN MCCB I/C Cable End Box** | | |
| CABLE END BOX FOR CSDBMCCB125PDD04~12S WAY DB | CSDBCBMCCBPDDDB | 3010 |
| **PPI Kit** | | |
| PPI KIT TO CONVERT TPNHP/TPNHPE DD 04 TO DD 02 WAY | CSDBPPPIKT01 | 3560 |
| PPI KIT TO CONVERT TPNHP/TPNHPE DD 06 TO DD 04 WAY | CSDBPPPIKT02 | 4020 |
| PPI KIT TO CONVERT TPNHP/TPNHPE DD 08 TO DD 06 WAY | CSDBPPPIKT03 | 4510 |
| PPI KIT TO CONVERT TPNHP/TPNHPE DD 12 TO DD 10 WAY | CSDBPPPIKT04 | 5420 |

## WiNtrip Distribution Board



### WiNtrip Plug and Socket DBs (without MCB)

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

[HSN Code: 8537]

| Description | Product Code | MRP (₹) | Std. Pkg. (No.s) |
|---|---|---|---|
| 10Amp SPN | ⊠CSDBPSSPN010 | 2040 | 12 |
| 20Amp SPN | CSDBPSSPN020 | 2040 | 12 |
| 20Amp SPN (SP Cutout) | CSDBPSSPN020SP | 2040 | 12 |
| 20Amp TPN | CSDBPSTPN020 | 4920 | 6 |
| 30Amp TPN | CSDBPSTPN030 | 5400 | 6 |



### WiNtrip Plug and Sockets (Metal Clad)

[HSN Code: 8537]

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



### WiNtrip Metal Enclosures (with Din Rail)

For Mounting WiNtrip MCBs / RCCBs / Isolators

[HSN Code: 8537]

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



### WiNtrip Plastic Enclosure without MCB

[HSN Code: 8537]

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

### MCB Enclosure IP55

[HSN Code: 8537]

**4 Pole Enclosure**

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

⊠Non Stockable item

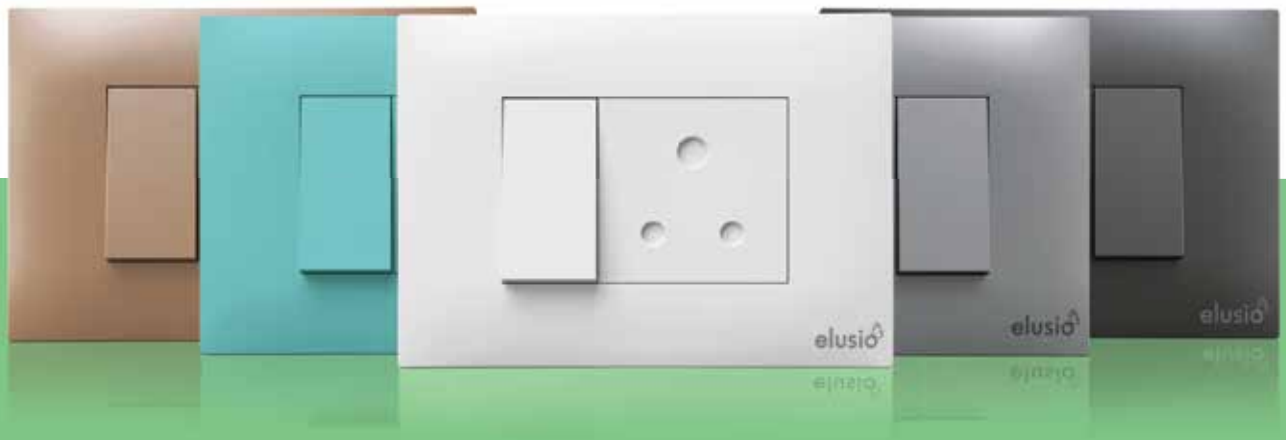
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## Stylish and eco-friendly.
## 30% more switch.
## upto 3 times more switching.

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ANTIBACTERIAL PROTECTION

FRONT MOUNT & REMOVAL OPTION

SLEEK DESIGN

UNBREAKABLE DESIGNS

SMOOTH TO TOUCH

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

CE20113NR


CE20115NR


CE20574NR


CE20575NR


CE20123NR


CE20121NR


CE20509NR


CE20510NR


CE20056NR


CE20631NR




CE20827NR CE20826NR CE20804NR


CE20829NR


CE20370NR


CE20352NR

## Switches

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

## Bell Push Switches

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

## Blanking / Phase Indicator

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

**NOTE:** Phase indicator is available in white colour only.

## Fan Regulator / Dimmer

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

## Sockets

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

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



CE20228 CE20251 CE20272



CE20276 CE20277



CE20275 CE20633 CE20632



CE20364



CE20610 CE20609 CE20636



CE20825



CE20436 CE20440



CE25803WH

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

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

## Single Phase Motor Starter

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

## Hospitality Range

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

## Modular - Miniature Circuit Breakers

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

## Cover Plate with Support Plate

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

**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 on e module Charcol Black plate, the code would be CE25801CB

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C&S electric

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- Compatible to market boxes
- High gloss design
- Designed with front mounting and re-movable feature
- Ease of mounting
- Available in 1M -18M

DIVINO SWITCHES

Primo Plus SWITCHES

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COMBI WEATHER-PROOF ENCLOSURES

## Switches


CG20114PWNR


CG23114NR

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


CG20123PWNR


CG23123NR


CG20509PWNR


CG23509NR

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


CG20056PWNR


CG23056NR

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


CG20634PWNR


CG23634NR

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

## Fan Regulator / Dimmer


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 | 616 | 10 |
| CG20827PWNR / CG23827NR | 85361010 | 4 Step (100W) | Rotary | 1 | 497 | 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 | 613 | 10 |
| CG20804PWNR / CG23804NR | 85361010 | 300W | Rotary (Stepless) | 1 | 538 | 20 |


CG20370PWNR


CG23370NR

## Socket

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


CG20251PWNR


CG23251NR

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


CG20636PWNR

## Buzzer

| | | | | | |
|---|---|---|---|---|---|
| CG20636PWNR / CG23636NR | 85361010 | Buzzer | 1 | 318 | 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 | 1248 | 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 | 808 | 1 |
| CG20434PWNR / CG23434NR | 85361010 | Tag For Energy Key Tag | | 167 | 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 | 146 | 20 |
| CG20124PWNR / CG23124NR | 85361010 | 6A-230V, IW, SP Luminous Switch | | 207 | |
| CG20612PWNR / CG23612NR | 85361010 | Unit (Indicator+Switch) | 1+1 | 347 | 10 |
| **Room Occupied** | | | | | |
| CG20610PWNR / CG23610NR | 85361010 | Indicator | 1 | 146 | 20 |
| CG20125PWNR / CG23125NR | 85361010 | 6A-230V, IW, SP Luminous Switch | | 207 | |
| CG20613PWNR / CG23613NR | 85361010 | Unit (Indicator+Switch) | 1+1 | 347 | 10 |
| **Make My Room** | | | | | |
| CG20611PWNR / CG23611NR | 85361010 | Indicator | 1 | 146 | 20 |
| CG20126PWNR / CG23126NR | 85361010 | 6A-230V, IW, SP Luminous Switch | | 207 | |
| CG20614PWNR / CG23614NR | 85361010 | Unit (Indicator+Switch) | 1+1 | 347 | 10 |


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 | 1801 | 6 |
| **Foot Lamp** | | | | | |
| CG20631NR | 94051090 | 230V-LED Yellow Night Lamp | 3 | 504 | 6 |
| CG20632NR | 94051090 | 230V-LED Blue Night Lamp | | | |
| CG20633NR | 94051090 | 230V-LED White Night Lamp | | | |

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



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 | 272 | 12 |
| CG20432PWNR | 85361010 | 10A Single Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20433PWNR | 85361020 | 16A Single Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20437PWNR | 85361020 | 20A Single Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20435PWNR | 85361020 | 25A Single Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20436PWNR | 85361020 | 32A Single Pole 4.5kA - Tripping Curve 'C' | | | |
| **Double Pole** | | | | | |
| CG20438PWNR | 85361010 | 6A Double Pole 4.5kA - Tripping Curve 'C' | 2 | 637 | 6 |
| CG20439PWNR | 85361010 | 10A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20440PWNR | 85361020 | 16A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20441PWNR | 85361020 | 20A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20442PWNR | 85361020 | 25A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20443PWNR | 85361020 | 32A Double Pole 4.5kA - Tripping Curve 'C' | | | |

## Power Unit



CG26401PWNR

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

## Single Phase Motor Starter



CG20362PWNR

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

## Pure White Cover Plates With Support Plate



CG25703PWNR



CG25803PWNR

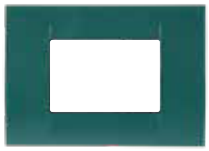
| Product Code - Vera / Virna | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|
| CG25701PWNR / CG25801PWNR | 85381010 | 1 Module Plate | 123 | 10 |
| CG25702PWNR / CG25802PWNR | 85381010 | 2 Module Plate | | |
| CG25703PWNR / CG25803PWNR | 85381010 | 3 Module Plate | 180 | |
| CG25704PWNR / CG25804PWNR | 85381010 | 4 Module Plate | 192 | |
| CG25706PWNR / CG25806PWNR | 85381010 | 6 Module Plate | 258 | 5 |
| CG25708PWNR / CG25808PWNR | 85381010 | 8 Module Plate - Vertical | 330 | |
| CG25709PWNR / CG25809PWNR | 85381010 | 8 Module Plate - Horizontal | | |
| CG25712PWNR / CG25812PWNR | 85381010 | 12 Module Plate | 365 | |
| CG25718PWNR / CG25818PWNR | 85381010 | 18 Module Plate | 554 | |



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 | 195 | 10 |
| CG25702GRNR / CG25802GRNR | 85381010 | 2 Module Plate | | |
| CG25703GRNR / CG25803GRNR | 85381010 | 3 Module Plate | 265 | |
| CG25704GRNR / CG25804GRNR | 85381010 | 4 Module Plate | 280 | |
| CG25706GRNR / CG25806GRNR | 85381010 | 6 Module Plate | 352 | 5 |
| CG25708GRNR / CG25808GRNR | 85381010 | 8 Module Plate - Vertical | 412 | |
| CG25709GRNR / CG25809GRNR | 85381010 | 8 Module Plate - Horizontal | | |
| CG25712GRNR / CG25812GRNR | 85381010 | 12 Module Plate | 547 | |
| CG25718GRNR / CG25818GRNR | 85381010 | 18 Module Plate | 868 | |



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 | 283 | 10 |
| CG25702NR / CG25802NR | 85381010 | 2 Module Plate | | |
| CG25703NR / CG25803NR | 85381010 | 3 Module Plate | 330 | |
| CG25704NR / CG25804NR | 85381010 | 4 Module Plate | 431 | |
| CG25706NR / CG25806NR | 85381010 | 6 Module Plate | 594 | 5 |
| CG25708NR / CG25808NR | 85381010 | 8 Module - Vertical | 645 | |
| CG25709NR / CG25809NR | 85381010 | 8 Module - Horizontal | | |
| CG25712NR / CG25812NR | 85381010 | 12 Module Plate | 814 | |
| CG25718NR / CG25818NR | 85381010 | 18 Module Plate | 1063 | |

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



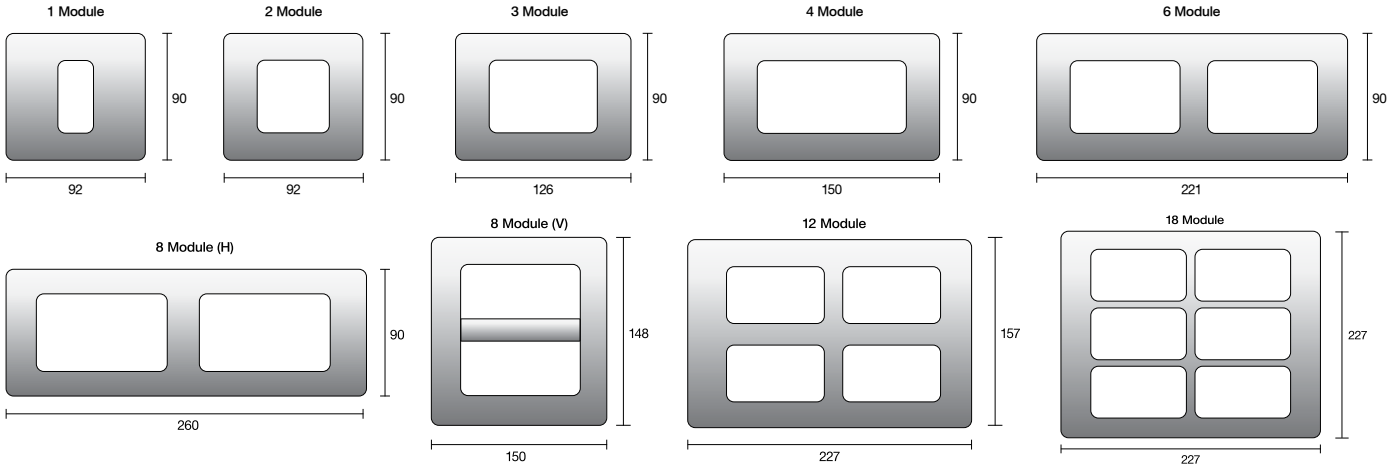
CG25803EWNR

### 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 | 415 | 10 |
| CG25702NR / CG25802NR | 85381010 | 2 Module Plate | | |
| CG25703NR / CG25803NR | 85381010 | 3 Module Plate | 513 | |
| CG25704NR / CG25804NR | 85381010 | 4 Module Plate | 654 | |
| CG25706NR / CG25806NR | 85381010 | 6 Module Plate | 902 | 5 |
| CG25708NR / CG25808NR | 85381010 | 8 Module Plate - Vertical | 928 | |
| CG25709NR / CG25809NR | 85381010 | 8 Module Plate - Horizontal | | |
| CG25712NR / CG25812NR | 85381010 | 12 Module Top Plate | 1210 | |
| CG25718NR / CG25818NR | 85381010 | 18 Module Plate | 1380 | |

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

## IP55 Enclosures

| Product Code | HSN Code | Description | Configuration | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| **Watertight And Dust Proof Enclosures IP55-Surface Mounting** | | | | | |
| CG26000WNR | 85371000 | Bell Push | 1 Module | 806 | 1 |
| CG26400WNR | 85371000 | 16A Switch, 6/16A Socket | 3 Module | 1453 | |
| CG26016WNR | 85371000 | 6A Switch | 1 Module | 850 | 10 |
| **IP55 Motor Starter** | | | | | |
| CG26018WNR | 85381010 | IP55 2M Enclosure With 16A Motor Starter | | 1561 | 10 |
| CG26019WNR | 85381010 | IP55 2M Enclosure With 25A Motor Starter | | 1834 | |
| **Watertight Plates For Flush Mounting Installations IP55 (Compatible with 3M concealed box)** | | | | | |
| CG24025WNR | 85381010 | 3 Gang | | 860 | 10 |


CG24025WNR

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


CG26012WNR


CG26020WNR

New

| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|
| **IP40 Enclosures (Combined)** | | | | |
| CG26020WNR | 85381010 | 6A Switch, 6A Socket | 392 | 10 |
| CG26021WNR | 85381010 | 16A Switch, 16A Protected Socket | 449 | |

# Accessories

## Plug Top

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

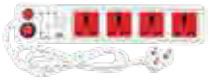

CG28017NR

## Multi Plug Socket

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


CG28020NR

## Power Extension & Door Bell



ACEXB001NR



ACEXB002NR



ACEXB003NR



ACDB001NR



ACDB002NR

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

## Batten Holder



ACBHS001NR



ACBHA004NR



ACBHA005NR



ACBHS006NR



ACBHS008NR

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

## Batten Holder & Ceiling Rose



ACBHS001BNR

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



ACCR001NR

| Ceiling Rose | | | | |
|---|---|---|---|---|
| ACCR001NR | 85381010 | Ceiling rose | 60 | 20 |

## Surface Plastic Box



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

C&S electric | PrimoPlus SWITCHES

DESIGNED for Admiration

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








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

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



CS20114PNR



CS20123PNR



CS20511PNR



CS20631NR



CS20801PNR

## Switches

| Product Code - Pure White / Grey | HSN Code | Description | Type | No. Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|---|
| **One-Way Switches** | | | | | | |
| CS20113PNR / CS23113PNR | 85361010 | 6A, 250V | General | 1 | 102 | 20 |
| CS20114PNR / CS23114PNR | 85361010 | 6A, 250V | Luminous | 1 | 159 | |
| CS20115PNR / CS23115PNR | 85361010 | 6A, 250V | Luminous | 2 | 177 | 10 |
| CS20573PNR / CS23573PNR | 85361020 | 16A, 250V | General | 1 | 191 | 20 |
| CS20574PNR / CS23574PNR | 85361020 | 16A, 250V | Luminous | 1 | 218 | |
| CS20575PNR / CS23575PNR | 85361020 | 16A, 250V | Luminous | 2 | 238 | 10 |
| CS20117PNR / CS23117PNR | 85361020 | 25A, 250V | General | 1 | 259 | 20 |
| CS20118PNR / CS23118PNR | 85361020 | 25A, 250V | Luminous | 1 | 287 | |
| CS20119PNR / CS23119PNR | 85361020 | 25A, 250V | General | 2 | 290 | 10 |
| CS20120PNR / CS23120PNR | 85361020 | 25A, 250V | Luminous | 2 | 312 | |
| **Two-Way Switches** | | | | | | |
| CS20123PNR / CS23123PNR | 85361010 | 6A, 250V | General | 1 | 185 | 20 |
| CS20124PNR / CS23124PNR | 85361010 | 6A, 250V | General | 2 | 195 | 10 |
| CS20578PNR / CS23578PNR | 85361020 | 16A, 250V | General | 1 | 266 | 20 |
| CS20579PNR / CS23579PNR | 85361020 | 16A, 250V | General | 2 | 294 | 10 |

| Product Code - Pure White / Grey | HSN Code | Description | Type | No. Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|---|
| **Bell Push Switches** | | | | | | |
| CS20509PNR / CS23509PNR | 85361010 | 6A, Bell Push | General | 1 | 164 | 20 |
| CS20508PNR / CS23508PNR | 85361010 | 6A, Bell Push | Luminous | 1 | 174 | |
| CS20510PNR / CS23510PNR | 85361010 | 6A, Bell Push | General | 2 | 197 | 10 |
| CS20511PNR / CS23511PNR | 85361010 | 6A, Bell Push | Luminous | 2 | 201 | |
| **Blanking Module** | | | | | | |
| CS20056PNR / CS23056PNR | 85381010 | 1M Blank | General | 1 | 32 | 40 |

| Product Code - Pure White / Grey | HSN Code | Description | No. Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| **Neon Indicator** | | | | | |
| CS20631PNR / CS23631PNR | 85361010 | Neon Indicator Red | 1 | 123 | 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 | 645 | 10 |
| CS20828PNR / CS23828PNR | 85361010 | 5 Step Fan Regulator 120 W | 2 | 517 | 10 |
| CS20827PNR / CS23827PNR | 85361010 | 4-Step Fan Regulator 100W | 1 | 437 | 20 |
| CS20801PNR / CS23801PNR | 85361010 | Rotary Type Dimmer 500W | 2 | 560 | 10 |
| CS20804PNR / CS23804PNR | 85361010 | Rotary Type Dimmer 300W | 1 | 411 | 20 |



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 | 132 | 10 |
| CS20352PNR / CS23352PNR | 85361020 | 6/16A, 6 Pin | 3 | 291 | 6 |
| CS20354PNR / CS23354PNR | 85361020 | 6/16A, Socket Projected | 2 | 283 | 10 |



CS20636PNR

## Buzzer

| Product Code | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| CS20636PNR / CS23636PNR | 85044030 | Buzzer | 1 | 781 | 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 | 140 | 20 |
| CS20237PNR / CS23237PNR | 85361010 | Flex Outlet | 1 | 95 | |



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 | 156 | 20 |
| CS20272PNR / CS23272PNR | 85361010 | RJ 45, Computer Jack CAT6 | 1 | 781 | |
| CS20273PNR / CS23273PNR | 85361010 | RJ 45, Computer Jack CAT6a | 1 | 1374 | |



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 | 1210 | 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 | 712 | 1 |

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



CS20611PNR CS20609PNR

| | | | | | |
|---|---|---|---|---|---|
| **DND/MMR Switch Units** | | | | | |
| CS20609PNR / CS23609PNR | 85361010 | Indicator | 1 | 131 | 20 |
| CS20610PNR / CS23610PNR | 85361010 | DND/MMR External Unit | 1 | 323 | 10 |
| CS20611PNR / CS23611PNR | 85361010 | DND/MMR Internal Unit | 1+1 | 292 | 10 |



CS20632PNR CS20633PNR

| | | | | | |
|---|---|---|---|---|---|
| **Skirt Light & Night Lamp** | | | | | |
| CS20632PNR / CS23632PNR | 94051090 | Skirt Light | 2 | 494 | 10 |
| CS20633PNR / CS23633PNR | 94051090 | Night Lamp | 2 | 498 | 10 |



CS26404PWNR

## Primo Plus Power Unit with PVC

| Product Code - Pure White | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| CS26404PWNR | 85371000 | Power Unit Combo 16A MCB Protected Socket | 4 | 925 | 1 |
| CS26408PWNR | 85371000 | Power Unit Combo Heavy Duty with 25Amp MCB | 4 | 990 | |
| **Primo Plus Power Unit with Metal Enclosure** | | | | | |
| CS26401PNR | 85371000 | Power Unit Combo 16A MCB | 4 | 1018 | |
| CS26407PWNR | 85371000 | Power Unit Combo Heavy Duty with 25Amp MCB | 4 | 1050 | |



CS25803WHNR



CS25803GRNR

| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|
| **Swan White (Cover Plates with Support Plate)** | | | | |
| CS25801WHNR | 85381010 | 1 Module Plate | 135 | 10 |
| CS25802WHNR | 85381010 | 2 Module Plate | | |
| CS25803WHNR | 85381010 | 3 Module Plate | 168 | |
| CS25804WHNR | 85381010 | 4 Module Plate | 181 | |
| CS25806WHNR | 85381010 | 6 Module Plate | 264 | |
| CS25808WHNR | 85381010 | 8 Module Plate (Horizontal) | 332 | |
| CS25809WHNR | 85381010 | 8 Module Plate (Vertical) | 332 | 5 |
| CS25812WHNR | 85381010 | 12 Module Plate | 423 | |
| CS25816WHNR | 85381010 | 16 Module Plate | 479 | |
| CS25818WHNR | 85381010 | 18 Module Plate | 532 | |
| **Glossy Grey (Cover Plates with Support Plate)** | | | | |
| CS25801GRNR | 85381010 | 1 Module Plate | 142 | 10 |
| CS25802GRNR | 85381010 | 2 Module Plate | | |
| CS25803GRNR | 85381010 | 3 Module Plate | 179 | |
| CS25804GRNR | 85381010 | 4 Module Plate | 193 | |
| CS25806GRNR | 85381010 | 6 Module Plate | 276 | |
| CS25808GRNR | 85381010 | 8 Module Plate (Horizontal) | 373 | |
| CS25809GRNR | 85381010 | 8 Module Plate (Vertical) | 373 | 5 |
| CS25812GRNR | 85381010 | 12 Module Plate | 445 | |
| CS25816GRNR | 85381010 | 16 Module Plate | 522 | |
| CS25818GRNR | 85381010 | 18 Module Plate | 583 | |



## Cover Plates with Support Plate

| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|
| **Cadet Grey / Black Olive / Argent Grey / Charcol Black / Arsenic Black / Champagne / Candy Red / Corel Red / British Green Plates** | | | | |
| CS25801NR | 85381010 | 1 Module Plate | 260 | 10 |
| CS25802NR | 85381010 | 2 Module Plate | | |
| CS25803NR | 85381010 | 3 Module Plate | 298 | |
| CS25804NR | 85381010 | 4 Module Plate | 339 | |
| CS25806NR | 85381010 | 6 Module Plate | 501 | |
| CS25808NR | 85381010 | 8 Module - Horizontal | 587 | |
| CS25809NR | 85381010 | 8 Module - Vertical | 587 | 5 |
| CS25812NR | 85381010 | 12 Module Plate | 723 | |
| CS25816NR | 85381010 | 16 Module Plate | 724 | |
| CS25818NR | 85381010 | 18 Module Plate | 941 | |

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

## English Walnut & Burly Wood Cover Plates with Support Plate



CS25803BWNR



CS25803EWNR

| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|
| CS25801NR | 85381010 | 1 Module Plate | 312 | 10 |
| CS25802NR | 85381010 | 2 Module Plate | | |
| CS25803NR | 85381010 | 3 Module Plate | 342 | |
| CS25804NR | 85381010 | 4 Module Plate | 395 | |
| CS25806NR | 85381010 | 6 Module Plate | 615 | |
| CS25808NR | 85381010 | 8 Module Plate - Horizontal | 777 | |
| CS25809NR | 85381010 | 8 Module Plate - Vertical | 777 | 5 |
| CS25812NR | 85381010 | 12 Module Top Plate | 920 | |
| CS25816NR | 85381010 | 16 Module Top Plate | 1125 | |
| CS25818NR | 85381010 | 18 Module Plate | 1196 | |

Please add codes EW for English Walnut and BW for Burly Wood e.g. for ordering one module English Walnut plate code would be CS25801EW

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



CG24272NR

| Product Code | HSN Code | Description | Dimension LxHxD (mm) | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| CG24271NR | 85381010 | 1 Module Box | 75 X 75 X 50 | 106 | 10 |
| CG24271NR | 85381010 | 2 Module Box | 75 X 75 X 50 | | |
| CG24272NR | 85381010 | 3 Module Box | 100 X 75 X 50 | 126 | |
| CG24273NR | 85381010 | 4 Module Box | 135 X 76 X 50 | 151 | |
| CG24274NR | 85381010 | 6 Module Box | 210 X 75 X 50 | 211 | 5 |
| CG24275NR | 85381010 | 8 Module Box (4 +4) | 134 X 140 X 52 | 246 | |
| CG24276NR | 85381010 | 8 Module Box (Horizontal) | 232 X 79 X 52 | | |
| CG24277NR | 85381010 | 12 Module Box | 210 X 140 X 50 | 298 | |
| CG24279NR | 85381010 | 16 Module Box | 210 X 140 X 60 | 373 | 7 |
| CG24278NR | 85381010 | 18 Module Box | 210 X 210 X 56 | 429 | 5 |

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



CS20114NR



CS20123NR



CS20511NR



CS20801NR



CS20370NR



CS20228NR



CS20251NR

## Switches

| Product Code - Pure White | HSN Code | Description | Type | No. Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|---|
| **One-Way Switches** | | | | | | |
| CS20113NR | 85361010 | 6A, 250V | General | 1 | 91 | 20 |
| CS20114NR | 85361010 | 6A, 250V | Luminous | 1 | 148 | |
| CS20115NR | 85361010 | 6A, 250V | Luminous | 2 | 167 | 10 |
| CS20573NR | 85361020 | 16A, 250V | General | 1 | 172 | 20 |
| CS20574NR | 85361020 | 16A, 250V | Luminous | 1 | 214 | |
| CS20575NR | 85361020 | 16A, 250V | Luminous | 2 | 228 | 10 |
| CS20117NR | 85361020 | 25A, 250V | General | 1 | 248 | 20 |
| CS20118NR | 85361020 | 25A, 250V | Luminous | 1 | 273 | |
| CS20119NR | 85361020 | 25A, 250V | General | 2 | 280 | 10 |
| CS20120NR | 85361020 | 25A, 250V | Luminous | 2 | 278 | |
| **Two-Way Switches** | | | | | | |
| CS20123NR | 85361010 | 6A, 250V | General | 1 | 169 | 20 |
| CS20124NR | 85361010 | 6A, 250V | General | 2 | 183 | 10 |
| CS20578NR | 85361020 | 16A, 250V | General | 1 | 233 | 20 |
| CS20579NR | 85361020 | 16A, 250V | General | 2 | 248 | 10 |
| **Product Code** - Pure White | **HSN Code** | **Description** | **Type** | **No. Modules** | **MRP (₹)** | **Std. Pkg. (Nos.)** |
| **Bell Push Switches** | | | | | | |
| CS20509NR | 85361010 | 6A, Bell Push | General | 1 | 143 | 20 |
| CS20508NR | 85361010 | 6A, Bell Push | Luminous | 1 | 177 | |
| CS20510NR | 85361010 | 6A, Bell Push | General | 2 | 182 | 10 |
| CS20511NR | 85361010 | 6A, Bell Push | Luminous | 2 | 193 | |
| **Blanking Module** | | | | | | |
| CS20056NR | 85381010 | 1M Blank | General | 1 | 30 | 40 |

| Product Code - Pure White | HSN Code | Description | No. Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| **Neon Indicator** | | | | | |
| CS20631NR | 85361010 | Neon Indicator Red | 1 | 105 | 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 | 471 | 10 |
| CS20828NR | 85361010 | 5 Step Fan Regulator 120 W | 2 | 563 | 10 |
| CS20827NR | 85361010 | 4-Step Fan Regulator 100W | 1 | 402 | 20 |
| CS20801NR | 85361010 | Rotary Type Dimmer 500W | 2 | 544 | 10 |
| CS20804NR | 85361010 | Rotary Type Dimmer 300W | 1 | 391 | 20 |
| **Sockets with Safety Shutters** | | | | | |
| CS20370NR | 85361010 | 6A, 3 Pin | 2 | 120 | 10 |
| CS20352NR | 85361020 | 6/16A, 6 Pin | 3 | 285 | 6 |
| CS20354NR | 85361020 | 6/16A, Socket Projected | 2 | 257 | 10 |

| Product Code - Pure White | HSN Code | Description | No. Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| **TV Socket / Flex Outlet** | | | | | |
| CS20228NR | 85361010 | TV Socket | 1 | 121 | 20 |
| CS20237NR | 85361010 | Flex Outlet | 1 | 97 | |

| Product Code - Pure White | HSN Code | Description | No. Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| **Telephone / Computer Socket** | | | | | |
| CS20251NR | 85361010 | RJ 11, Telephone Jack | 1 | 132 | 20 |
| CS20272NR | 85361010 | RJ 45, Computer Jack CAT6 | 1 | 665 | |
| CS20273NR | 85361010 | RJ 45, Computer Jack CAT6a | 1 | 1306 | |



CS20636NR

## Buzzer

| Product Code | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| CS20636NR | 85044030 | Buzzer | 1 | 742 | 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 | 1080 | 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 | 657 | 1 |

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

| | | | | | |
|---|---|---|---|---|---|
| **DND/MMR Switch Units** | | | | | |
| CS20610NR | 85361010 | DND/MMR External Unit | 1+1 | 304 | 10 |
| CS20611NR | 85361010 | DND/MMR Internal Unit | 1+1 | 278 | 10 |
| CS20609NR | 85361010 | Indicator | 1 | 120 | 20 |
| **Skirt Light & Night Lamp** | | | | | |
| CS20632NR | 94051090 | Skirt Light | 2 | 498 | 10 |
| CS20633NR | 94051090 | Night Lamp | 2 | 478 | 10 |



CS20611NR CS20609NR



CS20632NR CS20633NR

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

| Product Code - Pure White | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| **Single & Double Pole** | | | | | |
| CS20431NR | 85361010 | 6A Single Pole 4.5kA - Tripping Curve 'C' | 1 | 272 | 12 |
| CS20432NR | 85361010 | 10A Single Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20433NR | 85361020 | 16A Single Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20437NR | 85361020 | 20A Single Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20435NR | 85361020 | 25A Single Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20436NR | 85361020 | 32A Single Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20438NR | 85361010 | 6A Double Pole 4.5kA - Tripping Curve 'C' | 2 | 637 | 6 |
| CS20439NR | 85361010 | 10A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20440NR | 85361020 | 16A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20441NR | 85361020 | 20A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20442NR | 85361020 | 25A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20443NR | 85361020 | 32A Double Pole 4.5kA - Tripping Curve 'C' | | | |



CS20431NR CS20443NR



CS26401WNR

## Power Unit with Metal Box

| Product Code - Pure White | | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| CS26401WNR | 85371000 | Power Unit Combo 16A MCB Protected Socket | 4 | 959 | 1 |



CS20364NR

## Single Phase Motor Starter

| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|
| CS20364NR | 85361020 | Motor Starter 16A | 890 | 10 |
| CS20366NR | 85361020 | Motor Starter 25A | | |





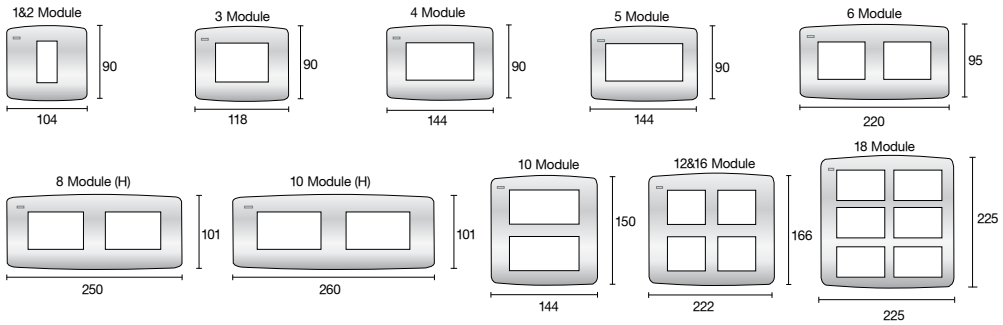
GN RD YL BL GR



## Top Plates with Support Plate

| Product Code - Pure White | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|
| CS25701WHNR | 85381010 | 1 Module Plate | 100 | 10 |
| CS25702WHNR | 85381010 | 2 Module Plate | | |
| CS25703WHNR | 85381010 | 3 Module Plate | 158 | |
| CS25704WHNR | 85381010 | 4 Module Plate | 163 | |
| CS25705WHNR | 85381010 | 5 Module Plate (Compatible with 4M Metal Box) | 173 | |
| CS25706WHNR | 85381010 | 6 Module Plate | 218 | |
| CS25707WHNR | 85381010 | 8 Module-Horizontal | 297 | |
| CS25709WHNR | 85381010 | 8 Module Plate Horizontal (Compatible with 6M Metal Box) | | |
| CS25710WHNR | 85381010 | 10 Module-Vertical (Compatible With 8M (4+4) Metal Box) | 297 | 5 |
| CS25711WHNR | 85381010 | 10 Module-Horizontal (Compatible With 8M (H) Metal Box) | 297 | 10 |
| CS25712WHNR | 85381010 | 12 Module Plate | 372 | 5 |
| CS25716WHNR | 85381010 | 16 Module Plate (Compatible With 12M Metal Box) | 478 | |
| CS25718WHNR | 85381010 | 18 Module Plate | 490 | |
| **Red / Yellow/ Green/ Blue / Grey Plates** | | | | |
| CS25701NR | 85381010 | 1 Module Plate | 125 | 10 |
| CS25702NR | 85381010 | 2 Module Plate | | |
| CS25703NR | 85381010 | 3 Module Plate | 181 | |
| CS25704NR | 85381010 | 4 Module Plate | 188 | |
| CS25705NR | 85381010 | 5 Module Plate (Compatible With 4M Metal Box) | | |
| CS25706NR | 85381010 | 6 Module Plate | 232 | |
| CS25707NR | 85381010 | 8 Module Horizontal | 315 | |
| CS25709NR | 85381010 | 8 Module Plate Horizontal (Compatible with 6M Metal Box) | | |
| CS25710NR | 85381010 | 10 Module-Vertical (Compatible With 8M (4+4) Metal Box) | 315 | 5 |
| CS25711NR | 85381010 | 10 Module-Horizontal (Compatible With 8M (H) Metal Box) | 315 | 10 |
| CS25712NR | 85381010 | 12 Module Plate | 435 | 5 |
| CS25716NR | 85381010 | 16 Module Plate (Compatible With 12M Metal Box) | 531 | |
| CS25718NR | 85381010 | 18 Module Plate | 609 | |
| Please add following to codes for color selection GR for Grey / RD for RED / YL for Yellow / BL for Blue/ GN for Green e.g. for ordering one module red plate code would be CS25701RD | | | | |
| **Wooden** | | | | |
| CS25701WNNR | 85381010 | 1 Module Plate | 237 | 10 |
| CS25702WNNR | 85381010 | 2 Module Plate | | |
| CS25703WNNR | 85381010 | 3 Module Plate | 301 | |
| CS25704WNNR | 85381010 | 4 Module Plate | 326 | |
| CS25705WNNR | 85381010 | 5 Module Plate (Compatible With 4M Metal Box) | | |
| CS25706WNNR | 85381010 | 6 Module Plate | 416 | |
| CS25707WNNR | 85381010 | 8 Module Horizontal | 597 | |
| CS25709WNNR | 85381010 | 8 Module Plate Horizontal (Compatible with 6M Metal Box) | | |
| CS25710WNNR | 85381010 | 10 Module-Vertical (Compatible With 8M (4+4) Metal Box) | 597 | 5 |
| CS25711WNNR | 85381010 | 10 Module-Horizontal (Compatible With 8M (H) Metal Box) | 597 | 10 |
| CS25712WNNR | 85381010 | 12 Module Plate | 734 | 5 |
| CS25716WNNR | 85381010 | 16 Module Plate (Compatible With 12M Metal Box) | 777 | |
| CS25718WNNR | 85381010 | 18Module Plate | 923 | |

### Cover Plate Sizes (All dimensions in mm)



# WiNtrip 'S'

## Single Lock Modular MCB

The perfect solution for AC's, Refrigerators & Electrical Appliances

Safe | Convenient | Energy Saving | Wide Range
Compact Design | Overload & Short Circuit Protection
Rapid Closing Mechanism | Easy to Operate



CS20431RNR



CS20443RNR

| Product Code | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|
| **Single Pole - Tripping Curve 'C'** | | | | | |
| CG20431RNR | 85361010 | 6A Single Pole 4.5kA-Tripping Curve 'C' | 1 | 272 | 12 |
| CG20432RNR | 85361010 | 10A Single Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20433RNR | 85361020 | 16A Single Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20437RNR | 85361020 | 20A Single Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20435RNR | 85361020 | 25A Single Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20436RNR | 85361020 | 32A Single Pole 4.5kA-Tripping Curve 'C' | | | |
| **Double Pole - Tripping Curve 'C'** | | | | | |
| CG20438RNR | 85361010 | 6A Double Pole 4.5kA-Tripping Curve 'C' | 2 | 637 | 6 |
| CG20439RNR | 85361010 | 10A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20440RNR | 85361020 | 16A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20441RNR | 85361020 | 20A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20442RNR | 85361020 | 25A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20443RNR | 85361020 | 32A Double Pole 4.5kA-Tripping Curve 'C' | | | |

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



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 | 272 | 12 |
| CS20432NNR | 85361010 | 10A Single Pole 4.5kA-Tripping Curve 'C' | | | |
| CS20433NNR | 85361020 | 16A Single Pole 4.5kA-Tripping Curve 'C' | | | |
| CS20437NNR | 85361020 | 20A Single Pole 4.5kA-Tripping Curve 'C' | | | |
| CS20435NNR | 85361020 | 25A Single Pole 4.5kA-Tripping Curve 'C' | | | |
| CS20436NNR | 85361020 | 32A Single Pole 4.5kA-Tripping Curve 'C' | | | |
| CS20438NNR | 85361010 | 6A Double Pole 4.5kA-Tripping Curve 'C' | 2 | 637 | 6 |
| CS20439NNR | 85361010 | 10A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CS20440NNR | 85361020 | 16A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CS20441NNR | 85361020 | 20A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CS20442NNR | 85361020 | 25A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CS20443NNR | 85361020 | 32A Double Pole 4.5kA-Tripping Curve 'C' | | | |

## 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.

# TYPE 2 CO-ORDINATION CHART




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

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C&S electric

# CX Partner Program



## An-IEC 61439
### Design Verified Panel

- Compliance to IEC 61439
- Fixed Construction
- Rated Voltage: 415V AC
- Internal Arc Protected Design (IEC 61641)
- From 3B Type-2-4B Type-7 Construction
- Seismic Zone: 4

NOTES:

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# Modernization Solution
## LV Switchgear

### Comprehensive Service Support
With over five decades of experience, C&S Electric is a trusted after-sales service expert for Low Voltage Distribution Applications in Power Generation Plant, Oil Sector, Industries and Residential & Commercial Complexes. We offer the following services to support you in maintaining your Low Voltage Distribution System:

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**WhatsApp No.: 95994 45253**
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We ensure that your systems receive routine upkeep to keep them running smoothly.

**Preventive Maintenance Program**
Our proactive approach helps identify and address potential issues before they become major problems.

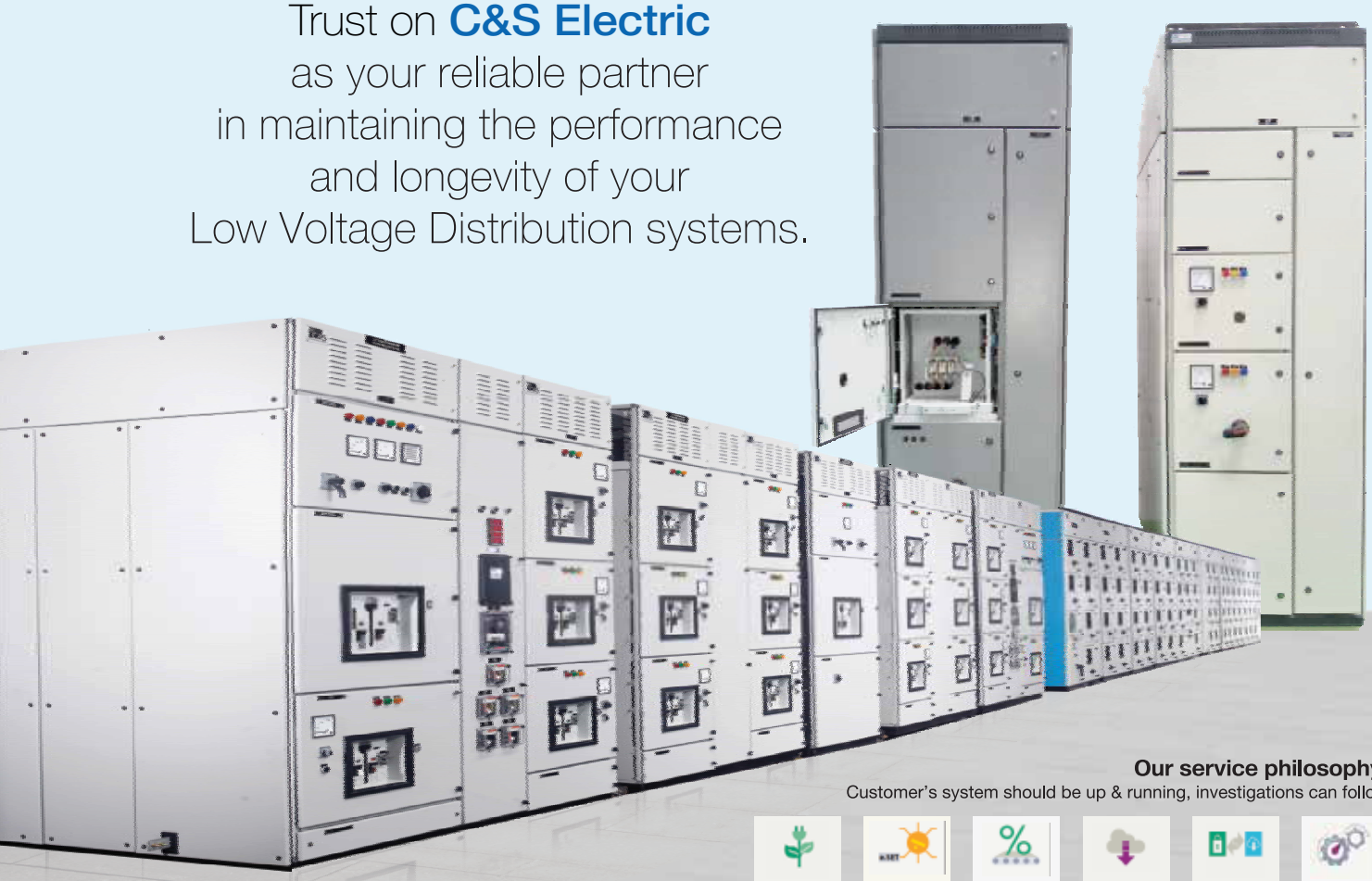
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Whenever you need assistance, we are just a call away to provide prompt support.

**Annual Maintenance Contract**
Benefit from a comprehensive maintenance agreement for added convenience and peace of mind.

**Product Support for Managing Obsolescence, Retrofitting & Upgradation**
We help you manage outdated equipment by offering support for retrofitting and upgrading your switchgear products.

**Availability of Spares**
Whenever you need any spare for switchboard or switchgear, we are always available.

Trust on **C&S Electric** as your reliable partner in maintaining the performance and longevity of your Low Voltage Distribution systems.



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

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

# TRAINING
AUTOMATION

SKILL

DEVELOP

# ARYABHATTA
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Maximize productivity, conserve energy, minimize operational costs, and enhance safety with our comprehensive C&S Electrical & Automation training programs.

With a proven track record of benefiting over more than 2000+ professionals in the last 5 years, our training programs provide the right exposure and impart knowledge on the selection, installation, maintenance, and testing of electrical & automation products.



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- Switchboard Electrical Design, equipping you with the knowledge to create efficient and safe electrical installations.
- Protective Relays & Earthing, ensuring the safety and reliability of electrical systems.
- Power Quality Solutions, addressing challenges related to voltage fluctuations, harmonics, and more.



# CENTRAL CUSTOMER CARE

C&S Electric is committed to create a unique alchemy of outstanding products, operational excellence, path breaking customer services & compelling marketing. Further to enhance the post sales customer service experience, C&S introduces a service monitoring software "Salesforce". The software provides a transparent service tracking system and helps in efficient monitoring and quick resolution of queries.



## Key Features & Benefits

- Transparent process
- Efficient monitoring & tracking of each Service Request
- Quick resolution time
- All relevant customer data in one single location
- Improved customer relationships
- Strengthen C&S brand image & reputation in the market

## FOR QUICK ENQUIRY

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

**Email: customercare@cselectric.co.in**

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

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

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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

www.cselectric.co.in

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Email: baroda@cselectric.co.in

SURAT
Email: surat@cselectric.co.in

### SOUTHERN REGION
CHENNAI
Email: chennai@cselectric.co.in

COIMBATORE
Email: coimbatore@cselectric.co.in

KOCHI
Email: cochin@cselectric.co.in

MADURAI
Email: commercial.madurai@cselectric.co.in

BENGALURU
Email: bangalore@cselectric.co.in

HYDERABAD
Email: hyderabad@cselectric.co.in

VIJAYAWADA
Email: vijayawada@cselectric.co.in


### RESIDENT ENGINEERS

AHMEDABAD: Visnagar BANGALORE: Bellary, Hassan, Hubli, Mangalore BARODA: Anand, Vapi BHUBANESWAR: Behrampur, Cuttack, Rourkela, Sambalpur CHENNAI: Vellore, Trichy KOCHI: Kollam COIMBATORE: Erode DELHI & HARYANA: Gurugram, Hissar, Panipat, UP (W) & UK: Agra, Bareilly, Dehradun, Ghaziabad, Meerut, Moradabad, Noida GUWAHATI: Silchar, Tezpur HYDERABAD: Karimnagar, Warangal INDORE: Bhopal, Gwalior, Jabalpur, Rewa, Ujjain J&K: Kashmir, Srinagar JAIPUR: Bhilwara, Bikaner, Jodhpur, Kota, Sikar, Udaipur KOLKATA: Bankura, Bardhaman, Siliguri LUCKNOW: Gorakhpur, Prayagraj, Shahjhanpur, Varanasi LUDHIANA: Amritsar, Barnala, Jammu, Mansa MADURAI: Nagercoil, Rajapalaiyam MUMBAI: Aurangabad, Nasik NAGPUR: Akola, Amravati, Chandrapur PUNE: Goa,Nasik, Kolhapur, Sangali, Solapur RAIPUR: Ambikapur RAJKOT: Bhavnagar, Jamnagar RANCHI: Dhanbad, Muzaffarpur, Patna, Purnia, Siwan SURAT: Aurangabad, Nasik VIJAYAWADA: Chittoor, Rajahmundry, Tirupathi, Vishakhapatnam

### WAREHOUSES

#### National Warehouse

NOIDA C-13, Ground Floor, Sector-80, Phase-II, Noida,
District Gautam Budh Nagar, Uttar Pradesh - 201305 INDIA

JHAJJAR P-12, Sector-3, Model Economic Township, Street No. 1, Badli, Dadri Toe
Jhajjar, Haryana - 124103 INDIA

LVC Price Schedule 01/06/2026

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