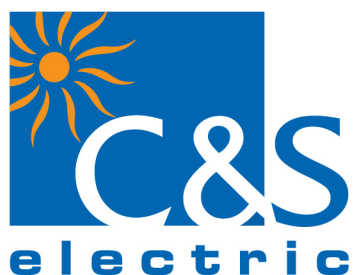


We touch your **electricity** everyday!



PRICE LIST

w.e.f 7th July, 2023

LV Components & Solutions

WHAT'S NEW

Air Circuit
Breakers

WiNmaster 3
Air Circuit Breaker



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Motor
Protection
Circuit Breaker

exceed



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Automatic
Transfer
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CATS



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elusio
SWITCHES



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General Terms & Conditions

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

- This Price List supercedes all previous Price Lists.
- All prices are on Maximum Retail Price basis inclusive of all Duties, GST and any other Tax as applicable.
- All Prices are in Indian Rupees.

Warranty

All our listed products carry a warranty, against manufacturing defects for a period of 12 months from the date of invoicing subject to it's usages in normal recommended operating conditions. The company liability shall be limited to exchange or repair of the product, at its discretion, provided that such defective products are returned to billing address with all necessary documents.

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

Toll Free Number: 1800 572 2012

E-mail: customercare@cselectric.co.in

POR - Price on request

Products have been classified as Stockable & Non Stockable items.

Non Stockable items has been marked as 

HSN Code denoted as below:

[HSN Code 8536] GST@18%*

[HSN Code 8537] GST@18%*

[HSN Code 8538] GST@18%*

*Subject to change as per Government of India notification



Power Distribution Components



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



Efficient Partner in Power Distribution & Protection



WiNmaster 3

Air Circuit Breaker

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

We touch your **electricity** everyday!

Micropro3 Series

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



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) | WX306H3P2MDOA(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 | WX316N3P1MDOA(S) | WX316S3P1MDOA(S) | WX316L3P1MDOA(S) | WX316H3P2MDOA(S) |
| 2000A | WX320N3P1MDOA(S) | WX320S3P1MDOA(S) | WX320L3P1MDOA(S) | WX320H3P2MDOA(S) |
| 2500A | WX325N3P1MDOA(S) | WX325S3P1MDOA(S) | 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) | WX306H4P2MDOA(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 | WX316N4P1MDOA(S) | WX316S4P1MDOA(S) | WX316L4P1MDOA(S) | WX316H4P2MDOA(S) |
| 2000A | WX320N4P1MDOA(S) | WX320S4P1MDOA(S) | WX320L4P1MDOA(S) | WX320H4P2MDOA(S) |
| 2500A | WX325N4P1MDOA(S) | WX325S4P1MDOA(S) | 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) | WX306H3P2MFA(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 | WX316N3P1MFA(S) | WX316S3P1MFA(S) | WX316L3P1MFA(S) | WX316H3P2MFA(S) |
| 2000A | WX320N3P1MFA(S) | WX320S3P1MFA(S) | WX320L3P1MFA(S) | WX320H3P2MFA(S) |
| 2500A | WX325N3P1MFA(S) | WX325S3P1MFA(S) | 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) | WX306H4P2MFA(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 | WX316N4P1MFA(S) | WX316S4P1MFA(S) | WX316L4P1MFA(S) | WX316H4P2MFA(S) |
| 2000A | WX320N4P1MFA(S) | WX320S4P1MFA(S) | WX320L4P1MFA(S) | WX320H4P2MFA(S) |
| 2500A | WX325N4P1MFA(S) | WX325S4P1MFA(S) | WX325L4P1MFA(S) | WX325H4P2MFA(S) |
| 3200A | - | - | - | WX332H4P2MFA(S) |
| 4000A | - | - | - | WX340H4P2MFA(S) |

Note: * Universal termination option available upto 3200A



Air Circuit Breaker

Winmaster3 Air Circuit Breakers - Operational Voltage 800V

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

Price on Request

[HSN Code: 8536]

| 3 Pole MDO Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics | | |
|---|---------------------|---------------------|
| Rating (Amps) | MC (42kA @ 800V AC) | NC (50kA @ 800V AC) |
| 630A | WX306MC3P1MDOA(S) | WX306NC3P2MDOA(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) | WX306NC4P2MDOA(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) |

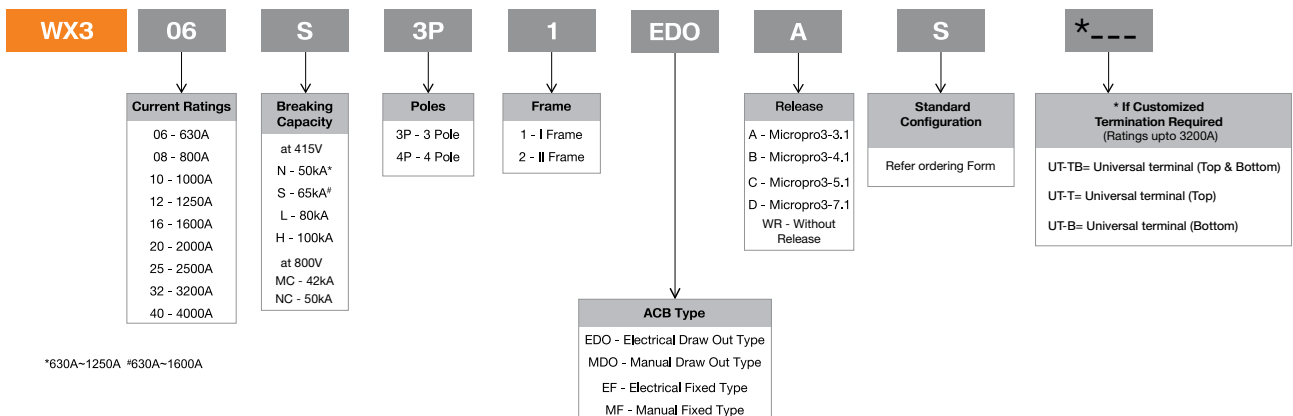
| 3 Pole MF Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection, Icu=Ics | | |
|--|---------------------|---------------------|
| Rating (Amps) | MC (42kA @ 800V AC) | NC (50kA @ 800V AC) |
| 630A | WX306MC3P1MFA(S) | WX306NC3P2MFA(S) |
| 800A | WX308MC3P1MFA(S) | WX308NC3P2MFA(S) |
| 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) | WX306NC4P2MFA(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 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, ZSI, Communication, Maintenance Indicator) | D | |

Note: For Winmaster3 MRP please connect with nearest branch office

ACB Winmaster3 - Ordering Information





Winmaster3 ACB Order Form

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

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

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

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

| | | | | | | |
|----------------|---------------------------------|---------------------------------|---------------------------------|-------------------------------------|--------------------------------|----------------------------------|
| Variant | <input type="checkbox"/> 3 Pole | <input type="checkbox"/> 4 Pole | <input type="checkbox"/> Manual | <input type="checkbox"/> Electrical | <input type="checkbox"/> Fixed | <input type="checkbox"/> Drawout |
|----------------|---------------------------------|---------------------------------|---------------------------------|-------------------------------------|--------------------------------|----------------------------------|

| | | | | |
|-------------------------------|---|---|---|---|
| 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

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

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

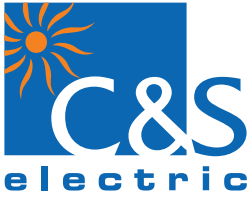
| | | | | | |
|------------------------|------------|---------|-----------------------|-------------|-----------------|
| Closing Coil | | | Charging Motor | | |
| 110V AC/DC | 220V AC/DC | 415V AC | 110V AC/DC | 220V AC/DC | 415V AC |
| 24V DC | 48V DC | | | | |
| Shunt Trip Coil | | | UVT | | |
| 110V AC/DC | 220V AC/DC | 415V AC | 100-130V AC | 220-250V AC | 380-440V AC |
| 24V DC | 48V DC | | 110V DC | 220V DC | |
| | | | Without Time Delay | | With Time Delay |

| | | | | |
|-----------------------|--|--|--|--|
| Release | <input type="checkbox"/> MicroPro3-3,1 | <input type="checkbox"/> MicroPro3-4,1 | <input type="checkbox"/> MicroPro3-5,1 | <input type="checkbox"/> MicroPro3-7,1 |
| | <input type="checkbox"/> Without Release | | | |
| PSM (Control Voltage) | <input type="checkbox"/> 220V AC | <input type="checkbox"/> 220V DC | <input type="checkbox"/> 415V AC | <input type="checkbox"/> 24V DC |

| | | |
|--|--|---|
| <input type="checkbox"/> Door Interlock | <input type="checkbox"/> Mechanical Interlock Cable Type | <input type="checkbox"/> Rating Preventor |
| <input type="checkbox"/> Key Interlock | <input type="checkbox"/> Electrical Position Indication | <input type="checkbox"/> Mechanical Counter |
| <input type="checkbox"/> 1 ACB <input type="checkbox"/> 2 ACB <input type="checkbox"/> 3 ACB | <input type="checkbox"/> IP 54 Protection (For Drawout ACB Only) | |
| | <input type="checkbox"/> Spring charge Ind.(Elec. Only) | |

Special Requirement if any

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



WiNmaster2

Breaker with intelligence

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



Range
630A~2500A

Single frame
for
complete
range

Poles
3P & 4P

Versions
Fixed & Drawout
(Mechanical
& Electrical)

$I_{cs}=I_{cu}=I_{cw}$
(for 1 sec)
at 50kA

CE **RoHS**
Compliant

Intelligent releases

- Micropro2 3.1
- Micropro2 4.1
- Micropro2 7.1

Measurement

Trip
History

ZSI

Fault
LED retention

Short Circuit
Protection

Communication





Air Circuit Breaker

WiNmaster2 Air Circuit Breaker

630A-2500A

Features:

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



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

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

Air Circuit Breaker with Intelligent Release Micropro2-3.1

| Fixed 3 Pole | | [HSN Code: 8536] | | |
|---------------|--------------------------------------|------------------|---------|--------|
| Rating (Amps) | Breaking Capacity Icu=Ics=Icw (1sec) | Reference | MRP (₹) | |
| | | | *MF | *EF |
| 630 | 50kA | WX06N3P*A(S) | 177640 | 237720 |
| 800 | 50kA | WX08N3P*A(S) | 177640 | 237720 |
| 1000 | 50kA | WX10N3P*A(S) | 187010 | 249560 |
| 1250 | 50kA | WX12N3P*A(S) | 217020 | 280440 |
| 1600 | 50kA | WX16N3P*A(S) | 243220 | 304550 |
| 2000 | 50kA | WX20N3P*A(S) | 285650 | 346410 |
| 2500 | 50kA | WX25N3P*A(S) | 319940 | 393270 |

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) | 223710 | 282750 |
| 800 | 50kA | WX08N4P*A(S) | 223710 | 282750 |
| 1000 | 50kA | WX10N4P*A(S) | 233610 | 293180 |
| 1250 | 50kA | WX12N4P*A(S) | 273760 | 335080 |
| 1600 | 50kA | WX16N4P*A(S) | 311400 | 372140 |
| 2000 | 50kA | WX20N4P*A(S) | 373340 | 438240 |
| 2500 | 50kA | WX25N4P*A(S) | 395730 | 460160 |

| Drawout 3 Pole | | [HSN Code: 8536] | | |
|----------------|--------------------------------------|------------------|---------|--------|
| Rating (Amps) | Breaking Capacity Icu=Ics=Icw (1sec) | Reference | MRP (₹) | |
| | | | *MDO | *EDO |
| 630 | 50kA | WX06N3P*A(S) | 247130 | 300500 |
| 800 | 50kA | WX08N3P*A(S) | 247130 | 300500 |
| 1000 | 50kA | WX10N3P*A(S) | 257250 | 312530 |
| 1250 | 50kA | WX12N3P*A(S) | 278390 | 340880 |
| 1600 | 50kA | WX16N3P*A(S) | 319370 | 378900 |
| 2000 | 50kA | WX20N3P*A(S) | 390350 | 452830 |
| 2500 | 50kA | WX25N3P*A(S) | 478070 | 545070 |

| Drawout 4 Pole | | [HSN Code: 8536] | | |
|----------------|--------------------------------------|------------------|---------|--------|
| Rating (Amps) | Breaking Capacity Icu=Ics=Icw (1sec) | Reference | MRP (₹) | |
| | | | *MDO | *EDO |
| 630 | 50kA | WX06N4P*A(S) | 293250 | 354470 |
| 800 | 50kA | WX08N4P*A(S) | 293250 | 357850 |
| 1000 | 50kA | WX10N4P*A(S) | 310040 | 371970 |
| 1250 | 50kA | WX12N4P*A(S) | 330450 | 409120 |
| 1600 | 50kA | WX16N4P*A(S) | 382460 | 444390 |
| 2000 | 50kA | WX20N4P*A(S) | 470420 | 531740 |
| 2500 | 50kA | WX25N4P*A(S) | 559000 | 618580 |

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 | 9430 |
|--|-----------------|-----------------|------|
| With NCT ordering Code will be | Existing Code | New Code | |
| | WX06N3PMFA(S) | WX06N3PNMFA(S) | |
| | WX06N3PNEFA(S) | WX06N3PNEFA(S) | |
| | WX06N3PNEDOA(S) | WX06N3PNEDOA(S) | |
| | WX06N3PNMDOA(S) | WX06N3PNMDOA(S) | |

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

| Release | Description | MRP (₹) | Ordering Code |
|-----------------|--|---------------------------------|---------------|
| MicroPro2 3.1 | LSIG | As mentioned above in Reference | A |
| MicroPro2 4.1 | LSING, Thermal Memory, Last Fault Trip History & current display | Add 6595 | 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 49465 | C |
| Without Release | For ordering ACB without release (Reduce from MRP of ACB with Micropro2 - 3.1 release) | Reduce 6000 | C |

- NOTES:**
- 1) While ordering an ACB, the complete catalogue reference by replacing '1' 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.



Air Circuit Breaker

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-** | 9210 |
| 1.2 | WM2/ WM3 | With Delay Common for 630A-4000A | CS-WM2-AUH-D-ABC-** | 10070 |

| 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-** | 4600 |
| 2.2 | WM2/ WM3 | Closing Coil Common for 630A-4000A | CS-WM2-AVH-CC-ABC-** | 4600 |

| 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 | 40810 |
| 3.2 | WM2 / WM3 | Universal Charging Motor-Common for 630A-2500A (for 415VAC) | CS-WM2-AMH-AU-A1-N | |
| 3.3 | WM2 / WM3 | Universal Charging Motor-Common for 630A-2500A (for 110VAC/DC) | CS-WM2-AMH-AS-A1-F | |
| 3.4 | WM3 | Universal Charging Motor for Frame2, Common for 800A-4000A (for 220VAC/DC) | CS-WM3-AMH-AV-A2-M | POR |
| 3.5 | WM3 | Universal Charging Motor for Frame2, Common for 800A-4000A (for 415VAC) | CS-WM3-AMH-AU-A2-N | |
| 3.6 | WM3 | Universal Charging Motor for Frame2, Common for 800A-4000A (for 110VAC/DC) | CS-WM3-AMH-AS-A2-F | |
| 3.7 | WM2 / WM3 | LIFTER | LIFTER (580x600)* | 171120 |
| | | | LIFTER-SPL (690x570)* | 188140 |
| 3.8 | WM2 / WM3 | Mismatch Prevention Device | CS-WM2-MIP-AB | 1830 |
| 3.9 | WM2 | Panel Door Lock (Drawout) | CS-WM2-PDL-AB | 2630 |
| 3.10 | WM2 / WM3 | Mechanical interlock for interlocking 2 ACBs (Drawout) | CS-WM2-MIL-HD | 43340 |
| 3.11 | WM2 / WM3 | Mechanical interlock for interlocking 2 ACBs (Fixed) | CS-WM2-MIL-HF | 37030 |
| 3.12 | WM2 / WM3 | Key Lock (1 Lock + 1 Key) | CS-WM2-AKI-AB | 7400 |
| 3.13 | WM2 / WM3 | Key Lock (3 Lock + 2 Key) | CS-WM2-AKI-1-AB | 7740 |
| 3.14 | WM2 / WM3 | Key Lock (2 Lock + 1 Key) | CS-WM2-AKI-2-AB | 5910 |
| 3.15 | WM2 / WM3 | Mechanical operation counter | CS-WM2-ASC-ABC | 3390 |
| 3.16 | WM2 / WM3 | Ready to close contact | CS-WM2-RTC-ABC | 1830 |
| 3.17 | WM2 / WM3 | Phase Barrier - 3 Pole (Drawout) | CS-WM2-PB-3P | POR |
| 3.18 | WM2 / WM3 | Phase Barrier - 4 Pole (Drawout) | CS-WM2-PB-4P | |
| 3.19 | WM2 / WM3 | Mechanical Interlock for 1 to 3 ACBs-Drawout (Cable Interlock) | CS-WM2-MIL3-HD | 51850 |
| 3.20 | WM2 / WM3 | Mechanical Interlock for 1 to 3 ACBs - Fixed (Cable Interlock) | CS-WM2-MIL3-HF | 56120 |
| 3.21 | WM2 / WM3 | Panel Door Lock (Fixed) | CS-WM2-PDLF-AB | POR |
| 3.22 | WM2 / WM3 | Phase Barrier- 3Pole (Fixed) | CS-WM2-PBF-3P | |
| 3.23 | WM2 / WM3 | Phase Barrier- 4Pole (Fixed) | CS-WM2-PBF-4P | |
| 3.24 | WM2 / WM3 | Position Indication Switch | CS-WM2-ALB-AB | |
| 3.25 | WM2 / WM3 | Auxiliary Switch | CS-WM2-AXH-6A6B | |
| 3.26 | WM2 / WM3 | IP54 cover for Drawout ACB- Frame-1 | CS-WM3-CVRIP54-FR1 | |
| 3.27 | WM3 | IP54 cover for Drawout ACB- Frame-2 | CS-WM3-CVRIP54-FR2 | |
| 3.28 | WM3 | Panel Door Lock (Drawout) | CS-WM3-DOOR-INT-DRAB | |

* in (mm)

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

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

NOTES: All configurable products are non stockable.



Winmaster2 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 & PHONE NO. | | |
| RATING OF ACB REQUIRED | <input type="checkbox"/> 630 A | <input type="checkbox"/> 1000 A | <input type="checkbox"/> 1600 A | <input type="checkbox"/> 2500 A | QTY. (NOS.) | Product Reference | |
| | <input type="checkbox"/> 800 A | <input type="checkbox"/> 1250 A | <input type="checkbox"/> 2000 A | | | | |
| NO. OF POLES | <input type="checkbox"/> 3 POLE | <input type="checkbox"/> 3P+N | <input type="checkbox"/> 4 POLE | Breaking capacity | | | |
| | MOUNTING <input type="checkbox"/> FIXED <input type="checkbox"/> DRAWOUT <input type="checkbox"/> 60 WAY AUX. ISOLATING CONTACT ASSLY. | | | | | | |
| OPERATION | <input type="checkbox"/> MANUAL <input type="checkbox"/> ELECTRICAL | CLOSING COIL | | <input type="checkbox"/> 110V AC | <input type="checkbox"/> 220~250V AC | <input type="checkbox"/> 380~440V AC | |
| | | SHUNT TRIP COIL | | <input type="checkbox"/> 24V DC | <input type="checkbox"/> 48V DC | <input type="checkbox"/> 110V DC | <input type="checkbox"/> 220V DC |
| | | MOTOR | | <input type="checkbox"/> 110V AC | <input type="checkbox"/> 220V AC | <input type="checkbox"/> 415V AC | <input type="checkbox"/> 110V DC |
| RELEASES | MICROPROCESSOR RELEASE | | UNLESS & OTHERWISE SPECIFIED, ALL SETTINGS OF RELEASES WOULD BE SET AT MINIMUM VALUES. | MAIN CT RATING _____ A, | | | |
| | <input type="checkbox"/> MicroPro2 3.1 | <input type="checkbox"/> MicroPro2 4.1 | | <input type="checkbox"/> MicroPro2 7.1 | SETTINGS : | OVERLOAD _____ A, | SHORT CIRCUIT _____ A, |
| | | | | GROUND FAULT _____ A | INSTANTANEOUS _____ A, | NEUTRAL _____ A, | |
| ACCESSORIES | <input type="checkbox"/> AUX. SW 6 NO+6 NC | <input type="checkbox"/> AUX. SW 4 NO+4 NC | <input type="checkbox"/> DOOR INTERLOCK (AVAILABLE ONLY WITH DRAW OUT TYPE ACB) | | | | |
| | <input type="checkbox"/> UVT | <input type="checkbox"/> 110V AC | <input type="checkbox"/> 220~250V AC | <input type="checkbox"/> 380~440V AC | <input type="checkbox"/> MECHANICAL INTERLOCK (Cable Type) | <input type="checkbox"/> HORIZONTAL | |
| | <input type="checkbox"/> KEY INTERLOCK | <input type="checkbox"/> 1 ACB | <input type="checkbox"/> 2 ACBs | <input type="checkbox"/> 3 ACBs | | | |
| | <input type="checkbox"/> SPRING CHARGE IND. SWITCH (ONLY WITH ELECTRICAL ACB) | | | | | | |
| 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. | | | | | | | |



Air Circuit Breaker AH / AHA



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

Equipped with smart features of advance Micropro-V4*

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

Intelligent Protection Releases





Air Circuit Breaker

Air Circuit Breaker AH / AHA

630A-6300A

(I) ACB with Intelligent Release MicroPro 3.1

Features:

- LSIG Protection
- True RMS Sensing
- Fault Indication

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



LT Air Circuit Breaker fitted with Intelligent Release MicroPro 3.1

| Fixed 3 Pole | | | [HSN Code: 8536] | |
|---------------|--|-------------------|------------------|--------|
| Rating (Amps) | Breaking Capacity I _{cu} =I _{cs} =I _{cw} (1sec) | Reference | MRP (₹) | |
| | | | *MF | *EF |
| 630 | 50kA | AHA06N3P*MP3.1(S) | 142850 | 195620 |
| 800 | 50kA | AHA08N3P*MP3.1(S) | 142850 | 195620 |
| 1000 | 50kA | AHA10N3P*MP3.1(S) | 147790 | 202520 |
| 1250 | 50kA | AHA12N3P*MP3.1(S) | 177160 | 238750 |
| 1600 | 50kA | AHA16N3P*MP3.1(S) | 187340 | 240730 |
| 2000 | 50kA | AHA20N3P*MP3.1(S) | 230690 | 313380 |
| 2500 | 50kA | AHA25N3P*MP3.1(S) | 277870 | 337710 |
| 3200 | 65kA | AH30DCSMP3.1*(S) | 415990 | 488030 |
| 4000 | 85kA | AH40DCSMP3.1*(S) | 670200 | 730020 |

| Fixed 4 Pole | | | [HSN Code: 8536] | |
|---------------|--|-------------------|------------------|--------|
| Rating (Amps) | Breaking Capacity I _{cu} =I _{cs} =I _{cw} (1sec) | Reference | MRP (₹) | |
| | | | *MF | *EF |
| 630 | 50kA | AHA06N4P*MP3.1(S) | 178230 | 229890 |
| 800 | 50kA | AHA08N4P*MP3.1(S) | 178230 | 229890 |
| 1000 | 50kA | AHA10N4P*MP3.1(S) | 182580 | 236950 |
| 1250 | 50kA | AHA12N4P*MP3.1(S) | 222540 | 280060 |
| 1600 | 50kA | AHA16N4P*MP3.1(S) | 254500 | 304030 |
| 2000 | 50kA | AHA20N4P*MP3.1(S) | 304930 | 385040 |
| 2500 | 50kA | AHA25N4P*MP3.1(S) | 347160 | 418360 |
| 3200 | 65kA | AH30D4CSMP3.1*(S) | 551930 | 617190 |
| 4000 | 85kA | AH40D4CSMP3.1*(S) | 799350 | 913530 |

| Drawout 3 Pole | | | [HSN Code: 8536] | |
|----------------|--|-------------------|------------------|--------|
| Rating (Amps) | Breaking Capacity I _{cu} =I _{cs} =I _{cw} (1sec) | Reference | MRP (₹) | |
| | | | *MD | *ED |
| 630 | 50kA | AHA06N3P*MP3.1(S) | 216430 | 265690 |
| 800 | 50kA | AHA08N3P*MP3.1(S) | 216430 | 265690 |
| 1000 | 50kA | AHA10N3P*MP3.1(S) | 226610 | 275870 |
| 1250 | 50kA | AHA12N3P*MP3.1(S) | 261830 | 304010 |
| 1600 | 50kA | AHA16N3P*MP3.1(S) | 278250 | 342100 |
| 2000 | 50kA | AHA20N3P*MP3.1(S) | 353480 | 406250 |
| 2500 | 50kA | AHA25N3P*MP3.1(S) | 427000 | 479890 |
| 3200 | 65kA | AHA30S3P*MP3.1(S) | 545930 | 599110 |
| 4000 | 65kA | AHA40S3P*MP3.1(S) | 680470 | 717930 |
| 4000 | 85kA | AH40DCSMP3.1*(S) | 708270 | 740900 |
| 5000 | 85kA | AH50CCSMP3.1*(S) | POR | POR |
| 6300 | 100kA | AH60CCSMP3.1*(S) | | |

| Drawout 4 Pole | | | [HSN Code: 8536] | |
|----------------|--|-------------------|------------------|--------|
| Rating (Amps) | Breaking Capacity I _{cu} =I _{cs} =I _{cw} (1sec) | Reference | MRP (₹) | |
| | | | *MD | *ED |
| 630 | 50kA | AHA06N4P*MP3.1(S) | 279970 | 334590 |
| 800 | 50kA | AHA08N4P*MP3.1(S) | 279970 | 334590 |
| 1000 | 50kA | AHA10N4P*MP3.1(S) | 286220 | 346440 |
| 1250 | 50kA | AHA12N4P*MP3.1(S) | 337660 | 369890 |
| 1600 | 50kA | AHA16N4P*MP3.1(S) | 361400 | 409710 |
| 2000 | 50kA | AHA20N4P*MP3.1(S) | 459170 | 498840 |
| 2500 | 50kA | AHA25N4P*MP3.1(S) | 539610 | 583010 |
| 3200 | 65kA | AHA30S4P*MP3.1(S) | 635850 | 714110 |
| 4000 | 65kA | AHA40S4P*MP3.1(S) | 906960 | 917810 |
| 4000 | 85kA | AH40D4CSMP3.1*(S) | 919440 | 931440 |
| 5000 | 85kA | AH50C4CSMP3.1*(S) | POR | POR |
| 6300 | 100kA | AH60C4CSMP3.1*(S) | | |

NOTES: All configurable products are non stockable.



Air Circuit Breaker

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) | 114840 | 160000 |
| 800 | 50kA | AHA08N3P*TM(S) | 123050 | 177640 |
| 1000 | 50kA | AHA10N3P*TM(S) | 125550 | 178690 |
| 1250 | 50kA | AHA12N3P*TM(S) | 167200 | 217490 |
| 1600 | 50kA | AHA16N3P*TM(S) | 173430 | 233440 |
| 2000 | 50kA | AHA20N3P*TM(S) | 199200 | 277680 |
| 2500 | 50kA | AHA25N3P*TM(S) | 223300 | 321130 |
| 3200 | 65kA | AH30DCSTM*(S) | 373560 | 448930 |
| 4000 | 85kA | AH40DCSTM*(S) | 578510 | 652900 |

| Fixed 4 Pole | | | [HSN Code: 8536] | |
|---------------|--------------------------------------|----------------|------------------|--------|
| Rating (Amps) | Breaking Capacity Icu=Ics=Icw (1sec) | Reference | MRP (₹) | |
| | | | *MF | *EF |
| 630 | 50kA | AHA06N4P*TM(S) | 153750 | 198000 |
| 800 | 50kA | AHA08N4P*TM(S) | 163150 | 207680 |
| 1000 | 50kA | AHA10N4P*TM(S) | 166010 | 216740 |
| 1250 | 50kA | AHA12N4P*TM(S) | 207540 | 261850 |
| 1600 | 50kA | AHA16N4P*TM(S) | 224770 | 286550 |
| 2000 | 50kA | AHA20N4P*TM(S) | 272420 | 332340 |
| 2500 | 50kA | AHA25N4P*TM(S) | 321910 | 381160 |
| 3200 | 65kA | AH30D4CSTM*(S) | 467190 | 535790 |
| 4000 | 85kA | AH40D4CSTM*(S) | 685210 | 794640 |

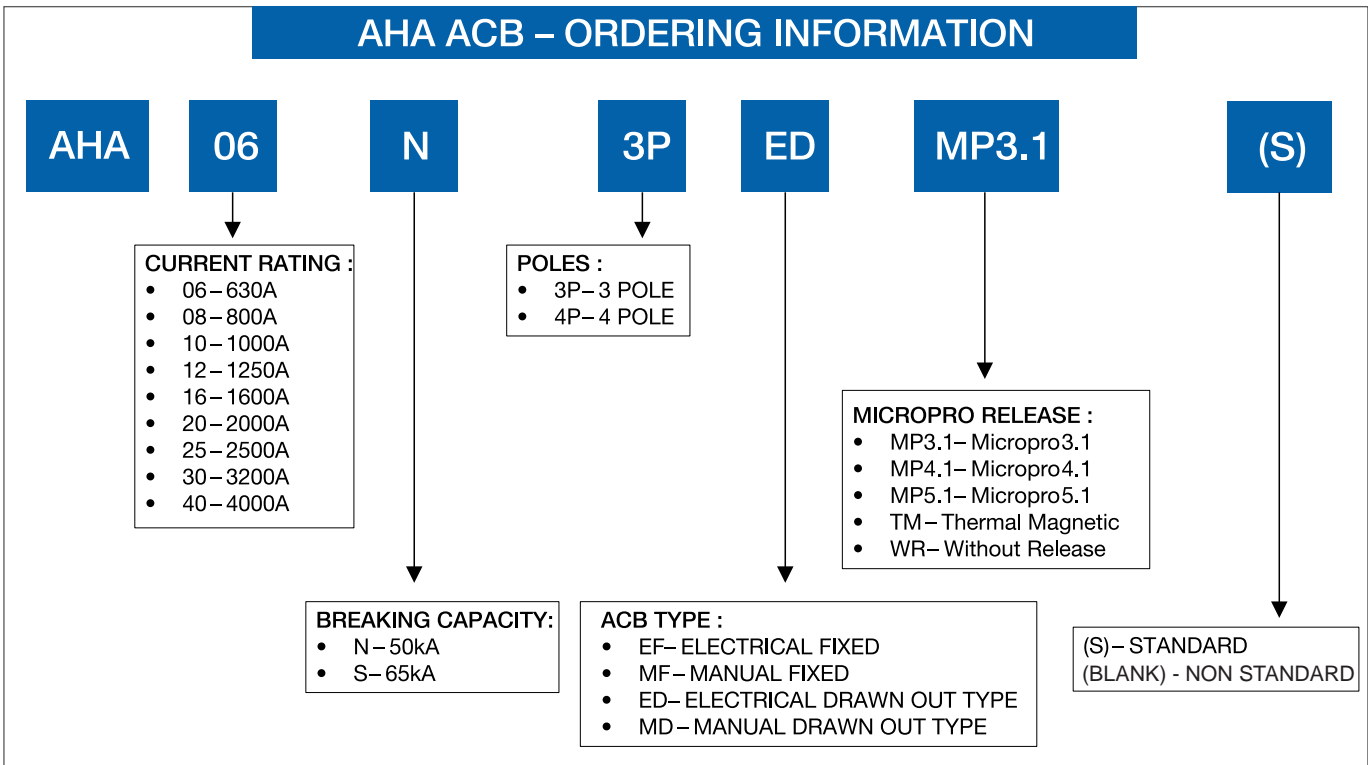
| Drawout 3 Pole | | | [HSN Code: 8536] | |
|----------------|--------------------------------------|----------------|------------------|--------|
| Rating (Amps) | Breaking Capacity Icu=Ics=Icw (1sec) | Reference | MRP (₹) | |
| | | | *MD | *ED |
| 630 | 50kA | AHA06N3P*TM(S) | 183330 | 236750 |
| 800 | 50kA | AHA08N3P*TM(S) | 185330 | 243880 |
| 1000 | 50kA | AHA10N3P*TM(S) | 190390 | 246960 |
| 1250 | 50kA | AHA12N3P*TM(S) | 229660 | 278720 |
| 1600 | 50kA | AHA16N3P*TM(S) | 265280 | 312710 |
| 2000 | 50kA | AHA20N3P*TM(S) | 313900 | 360380 |
| 2500 | 50kA | AHA25N3P*TM(S) | 378700 | 428250 |
| 3200 | 65kA | AHA30S3P*TM(S) | 477150 | 527330 |
| 4000 | 65kA | AHA40S3P*TM(S) | 631970 | 681200 |
| 4000 | 85kA | AH40DCSTM*(S) | 664060 | 722860 |
| 5000 | 85kA | AH50CCSTM*(S) | POR | POR |
| 6300 | 100kA | AH60CCSTM*(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) | 230160 | 292430 |
| 800 | 50kA | AHA08N4P*TM(S) | 235180 | 303580 |
| 1000 | 50kA | AHA10N4P*TM(S) | 242920 | 307350 |
| 1250 | 50kA | AHA12N4P*TM(S) | 294630 | 343170 |
| 1600 | 50kA | AHA16N4P*TM(S) | 323670 | 372910 |
| 2000 | 50kA | AHA20N4P*TM(S) | 409260 | 434260 |
| 2500 | 50kA | AHA25N4P*TM(S) | 485560 | 525060 |
| 3200 | 65kA | AHA30S4P*TM(S) | 595390 | 646560 |
| 4000 | 65kA | AHA40S4P*TM(S) | 802920 | 825360 |
| 4000 | 85kA | AH40D4CSTM*(S) | 810230 | 863260 |
| 5000 | 85kA | AH50C4CSTM*(S) | POR | POR |
| 6300 | 100kA | AH60C4CSTM*(S) | POR | POR |

NOTES: All configurable products are non stockable.



Air Circuit Breaker



| List Price & Reference changes as per the release modification | Ordering Code | MRP (₹) |
|--|---------------|---------|
| MicroPro 4.1 (LSING, Display, Current Measurement, Trip History, Communication) add to the price of ACB with MP3.1 | ADD | 18340 |
| MicroPro5.1 (LSING, Display, Current Measurement, Trip History, ZSI, Communication) add to the price of ACB with MP3.1 | ADD | 27570 |

NOTES:

- 1) In TP ACB if Earth Fault facility is required, add price of Neutral CTs from table no. 4.1 on page 19.
- 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). For further detail, please refer item No. 32 on page 21.
- 4) All configurable products are non stockable.

| For ordering ACB without Release following price needs to be reduced as per the rating from the price of ACB with Thermal Magnetic Release. | Remarks | MRP (₹) |
|---|---------|---------|
| 630A-1600A | Reduce | 6240 |
| 2000A | Reduce | 7800 |
| 2500A-3200A | Reduce | 10100 |
| 4000A | Reduce | 12140 |

Notes :

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



Air Circuit Breaker

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) | 106940 |
| 800 | 50kA | AH08BCSTM*(S) | 107490 |
| 1000 | 50kA | AH10BCSTM*(S) | 108450 |
| 1250 | 50kA | AH12BCSTM*(S) | 122650 |
| 1600 | 50kA | AH16BCSTM*(S) | 147500 |
| 2000 | 50kA | AH20BCSTM*(S) | 162260 |

| 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) | 113570 |
| 800 | 50kA | AH08BCSMP3.1*(S) | 118250 |
| 1000 | 50kA | AH10BCSMP3.1*(S) | 126110 |
| 1250 | 50kA | AH12BCSMP3.1*(S) | 161670 |
| 1600 | 50kA | AH16BCSMP3.1*(S) | 184540 |
| 2000 | 50kA | AH20BCSMP3.1*(S) | 201220 |

| 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 | 7820 |

| 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 | 10350 | CS-EFR-06D4P | 7510 |
| 2.2 | 08D/08N | CS-EFR-08D3P | | CS-EFR-08D4P | |
| 2.3 | 10D/10N | CS-EFR-10D3P | | CS-EFR-10D4P | |
| 2.4 | 12D/12N | CS-EFR-12D3P | | CS-EFR-12D4P | |
| 2.5 | 16D/16N | CS-EFR-16D3P | | CS-EFR-16D4P | |
| 2.6 | 20N/20S | CS-EFR-20N3P | | CS-EFR-20N4P | |
| 2.7 | 20D | CS-EFR-20D3P | 12040 | CS-EFR-20D4P | 7830 |
| 2.8 | 25D/25N | CS-EFR-25D3P | | CS-EFR-25D4P | |
| 2.9 | 30S | CS-EFR-30S3P | | CS-EFR-30S4P | |
| 2.10 | 30D | CS-EFR-30D3P | | CS-EFR-30D4P | |
| 2.11 | 40S | CS-EFR-40S3P | 16410 | CS-EFR-40S4P | 9010 |
| 2.12 | 40D | CS-EFR-40D3P | | CS-EFR-40D4P | |
| 2.13 | 50C | CS-EFR-50C3P | | CS-EFR-50C4P | |
| 2.14 | 60C | CS-EFR-60C3P | POR | CS-EFR-60C4P | POR |



| 3. FRP Safety Shutter Assembly | | | [HSN Code: 8538] |
|--------------------------------|------------------------------|------------------|------------------|
| Sl. No. | Description | Reference | MRP (₹) |
| 3.1 | For 6D-16D / 06N-16N, 3 Pole | ASH-1 | 3370 |
| | For 6D-16D / 06N-16N, 4 Pole | ASH-1 (4P) | 4350 |
| 3.2 | For 20N / 20S, 3 Pole | ASH-1-20N/S (3P) | 3540 |
| | For 20N / 20S, 4 Pole | ASH-1-20N/S (4P) | 4530 |
| 3.3 | For 20D-25D/30S, 3 Pole | ASH-2 | 3850 |
| | For 20D-25D/30S, 4 Pole | ASH-2 (4P) | 5010 |
| 3.4 | For 30D/40S, 3 Pole | ASH-3 | 5240 |
| | For 30D/40S, 4 Pole | ASH-3 (4P) | 7490 |
| 3.5 | For 40D, 3 Pole | ASH-4 | 6410 |
| | For 40D, 4 Pole | ASH-4 (4P) | 8390 |
| 3.6 | For 50C / 60C, 3 Pole | ASH-5 | POR |
| | For 50C / 60C, 4 Pole | ASH-5 (4P) | 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]

4.1 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 | 3930 |
| 4.1.2 | - | 200/0.2A | CS-WMCT-02 | CS-ATBWM-02 | |
| 4.1.3 | - | 250/0.2A | CS-WMCT-024 | CS-ATBWM-024 | |
| 4.1.4 | - | 300/0.2A | CS-WMCT-034 | CS-ATBWM-030 | |
| 4.1.5 | - | 400/0.2A | CS-WMCT-044 | CS-ATBWM-040 | |
| 4.1.6 | 6D / 06N | 630/0.2A | CS-WMCT-064 | CS-ATBWM-060 | |
| 4.1.7 | 8D/08N | 800/0.2A | CS-WMCT-084 | CS-ATBWM-080 | 4140 |
| 4.1.8 | 10D/10N | 1000/0.2A | CS-WMCT-104 | CS-ATBWM-110 | |
| 4.1.9 | 12D / 12N | 1250/0.2A | CS-WMCT-124 | CS-ATBWM-120 | |
| 4.1.10 | 16D / 16N | 1600/0.2A | CS-WMCT-164 | CS-ATBWM-160 | |
| 4.1.11 | 20N/20S | 2000/0.2A | CS-WMCT-220 | CS-ATBWM-220 | 5530 |
| 4.1.12 | 20D | 2000/0.2A | CS-ATBWM-220 | CS-ATBWM-220 | |
| 4.1.13 | 25D / 25N | 2500/0.2A | CS-ATBWM-225 | CS-ATBWM-225 | 6910 |
| 4.1.14 | 30S | 3200/0.2A | CS-ATBWM-2532 | CS-ATBWM-332 | |
| 4.1.15 | 30D | 3200/0.2A | CS-ATBWM-332 | CS-ATBWM-332 | 9880 |
| 4.1.16 | 40S / 40D | 4000/0.2A | CS-ATBWM-440 | CS-ATBWM-440 | |
| 4.1.17 | 50C | 5000/0.2A | CS-ATBWM-550 | CS-ATBWM-554 | POR |
| 4.1.18 | 60C | 6300/0.2A | CS-ATBWM-660 | CS-ATBWM-664 | |



4.2 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 | 3650 |
| 4.2.2 | | 200/5A | CS-ATB-020 | CS-ATB-020N | |
| 4.2.2 | - | 250/5A | CS-ATB-024 | CS-ATB-020 | |
| 4.2.4 | | 300/5A | CS-ATB-034 | CS-ATB-030 | |
| 4.2.5 | - | 400/5A | CS-ATB-044 | CS-ATB-040 | |
| 4.2.6 | 6D / 06N | 630/5A | CS-ATB-064 | CS-ATB-060 | |
| 4.2.7 | 8D/08N | 800/5A | CS-ATB-084 | CS-ATB-080 | 3740 |
| 4.2.8 | 10D/10N | 1000/5A | CS-ATB-104 | CS-ATB-110 | |
| 4.2.9 | 12D / 12N | 1250/5A | CS-ATB-134 | CS-ATB-120 | |
| 4.2.10 | 16D / 16N | 1600/5A | CS-ATB-164 | CS-ATB-160 | |
| 4.2.11 | 20N/20S | 2000/5A | CS-ATB-220 | CS-ATB-220 | 4920 |
| 4.2.12 | 20D | 2000/5A | CS-ATB-220 | CS-ATB-220 | |
| 4.2.13 | 25D / 25N | 2500/5A | CS-ATB-225 | CS-ATB-225 | 5530 |
| 4.2.14 | 30S | 3200/5A | CS-ATB-2532 | CS-ATB-332 | |
| 4.2.15 | 30D | 3200/5A | CS-ATB-332 | CS-ATB-332 | 6410 |
| 4.2.16 | 40S / 40D | 4000/5A | CS-ATB-440 | CS-ATB-440 | |
| 4.2.17 | 50C | 5000/5A | CS-ATB-554 | CS-ATB-550 | 9170 |
| 4.2.18 | 60C | 5000/5A | CS-ATB-664 | CS-ATB-660 | |



5. Auxiliary Isolating Contact Assembly

| Sl. No. | Description | Reference | MRP (₹) | |
|---------|---|---|--|-------|
| 5.1 | 24 way 6D-16D/06N-20S, 3P 6D-16D/06N-20S, 4P 20D-25D/25N-30S,3P 20D-25D/25N-30S, 4P 30D-40D/40S, 3P 30D-40D/40S, 4P 50C-60C, 3P 50C-60C, 4P | Set of two contact block on ACB Side & four block on Cradle side | CS-AIH-2-116 CS-AIH-2-116 (4P) CS-AIH-2-220 CS-AIH-2-220 (4P) CS-AIH-2-320 CS-AIH-2-320 (4P) CS-AIH-2-440 CS-AIH-2-440 (4P) | 4900 |
| 5.2 | 36 way 6D-16D/06N-20S, 3P 6D-16D/06N-20S, 4P 20D-25D/25N-30S,3P 20D-25D/25N-30S, 4P 30D-40D/40S, 3P 30D-40D/40S, 4P 50C-60C, 3P 50C-60C, 4P | Set of three contact block on ACB Side & six block on Cradle side | CS-AIH-3-116 CS-AIH-3-116 (4P) CS-AIH-3-220 CS-AIH-3-220 (4P) CS-AIH-3-320 CS-AIH-3-320 (4P) CS-AIH-3-440 CS-AIH-3-440 (4P) | 15000 |

NOTES: All configurable products are non stockable.



Main Accessories For "AH/AHA" ACB

(Please specify ACB rating & type while placing orders)



| 6. Auxiliary Switch | | | | [HSN Code: 8538] |
|---------------------|------------------|---------------------------|-----------------|------------------|
| Sl. No. | Description | Reference | MRP (₹) | |
| 6.1 | 5 way (3NO+2NC) | 6D-16D/06N-20S | CS-AXH-3A2B-116 | 1930 |
| | | 20D-40D/25N-40S | CS-AXH-3A2B-220 | 1930 |
| 6.2 | 10 way (5NO+5NC) | 6D-16D/08N-20S | CS-AXH-5A5B-116 | 2910 |
| | | 20D-40D/25N-40S / 50C-60C | CS-AXH-5A5B-220 | 2910 |
| 6.3 | 14 way (7NO+7NC) | 6D-16D/06N-20S | CS-AXH-7A7B-116 | 4750 |
| | | 20D-40D/25N-40S / 50C-60C | CS-AXH-7A7B-220 | 4750 |



| 7. UVT Device | | | | [HSN Code: 8538] |
|---------------|---------------------------------|---------------|---------|------------------|
| Sl. No. | Description | Reference | MRP (₹) | |
| 7.1 | Compact UVT Coil 6D-16D/06N-20S | CS-AUH-V-A-** | 6660 | |
| 7.2 | 20D-40D/25N-40S / 50C-60C | CS-AUH-V-B-** | | |



| 8. Shunt Trip and Closing Coil | | | | [HSN Code: 8538] |
|--------------------------------|-----------------------------|-----------------|---------|------------------|
| Sl. No. | Description | Reference | MRP (₹) | |
| 8.1 | Shunt Trip 6D-16D/06N-20S | CS-AVH-S-116-** | 3710 | |
| | 20D-40D/25N-40S/50C-60C | CS-AVH-S-220-** | | |
| 8.2 | Closing Coil 6D-16D/06N-20S | CS-AVH-C-116-** | 3710 | |
| | 20D-40D/25N-40S/ 50C-60C | CS-AVH-C-220-** | | |

**Please specify voltage while ordering

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



[HSN Code: 8538]

| Sl. No. | Description | Suitable for ACB frame size / rating | | | |
|---------|--|--------------------------------------|---------|-------------------------------------|---------|
| | | 6D-16D/06N-20S Reference | MRP (₹) | 20D-40D/25S-40S / 50C-60C Reference | MRP (₹) |
| 9 | OCR (Fault) Alarm Switch (for fault indication in ACB with MP & TM release) | ALA-1 | 1120 | ALA-2 | 1120 |
| 10 | Trip Indication Switch (For both manual and Fault indication in ACB) | CS-TIS-1 | 1120 | CS-TIS-2 | |
| 11 | Spring Charged Indication Switch | SCIS-M | 1470 | SCIS-M2 | 1470 |
| 12 | Position Indication Switch (Right side) | ALB-4P-1 | 3660 | ALB-IP-2 | 3660 |
| 13 | Position Indication Switch (Left side) | ALB-FR-1-L | 3660 | ALB-FR-2-L | 3660 |
| 14 | Mechanical operation counter | ASC-1 | 3390 | ASC-2 | 3390 |
| 15 | Key Lock (One lock + One key) | AKI-116D | 2570 | AKI-2D | 2570 |
| 16 | Castle Key Lock-3 Pole | CKI-116 (3P) | 7880 | CKI-220 (3P) | 7880 |
| | Castle Key Lock-4 Pole | CKI-116 (4P) | 7880 | CKI-220 (4P) | 7880 |
| 17 | Key Interlock (Consisting of 3-Key Locks with 2 Keys (same No.) fitted on 3 ACBs) | AKI-1-1 | 7000 | AKI-1-2 | 7000 |
| 18 | Key Interlock (Consisting of 2-Key Locks with 1 Key (same No.) fitted on 2 ACBs) | AKI-2-1 | 5360 | AKI-2-2 | 5360 |
| 19 | Short Circuit Contact for Shunting Auxiliary Isolating Contacts when ACB withdrawn | SCC | 630 | SCC | 630 |
| 20 | Rectifier Unit input 240V AC/ output 24V DC, used for Fault LED Retention | CS-ARO-1BMA | 3660 | CS-ARO-1BMA | 3660 |
| 21 | Mal Insertion Preventor | MIP-NPCIL | POR | MPI-2-NPCL | POR |

NOTES: All configurable products are non stockable.

Spares For "AH / AHA" ACB

(Please specify ACB rating & type while placing order for spares)

[HSN Code: 8538]

| Sl. No. | Description | Reference | MRP (₹) |
|---------|---|------------------|----------------|
| 22 | Power Supply Module | ☒CSPSM-MICROPRO | 14600 |
| 22.1 | Communication Module for Micropro 4.1 & 5.1 Release | CSPSCM-MICROPRO | 27910 |
| 23 | *Auxiliary Isolating Contact Blocks | | |
| | Description | Reference | MRP (₹) |
| | Breaker & Cradle Side 12 Way | AIH-BC | 8190 |

NOTES: *Auxiliary Isolating Contact Blocks has to be order together for Cradle & Breaker side.

| Sl. No. | Description | Suitable for ACB frame size / rating | | | | | |
|---------|---|--------------------------------------|---------------|---------|--------------------------------|---------------|---------|
| | | 6D-16D/ 08N-20S (AHA) Reference | | MRP (₹) | 20D-25D / 25N-30S Reference | | MRP (₹) |
| | | 3 Pole | 4 Pole | | | | |
| 24 | Mechanical Interlock (Fixed Vertical) | MIL-16D3P-VF | MIL-16D4P-VF | 12900 | MIL-20D3P-VF/4P | MIL-20D4P-VF | 13430 |
| 25 | Mechanical Interlock (Fixed Horizontal) | MIL-16D3P-HF | MIL-16D4P-HF | | MIL-20D3P-HF/4P | MIL-20D4P-HF | |
| 26 | Mechanical Interlock (D/o Vertical) | MIL-16D3P-VDO | MIL-16D4P-VDO | POR | MIL-20D3P-VDO/4P | MIL-20D4P-VDO | POR |
| 27 | Mechanical Interlock (D/o Horizontal) | MIL-16D3P-HDO | MIL-16D4P-HDO | POR | MIL-20D3P-HDO/4P | MIL-20D4P-HDO | POR |

| Sl. No. | For Air Circuit Breaker | Reference | MRP (₹) |
|---------|---|-----------------------|---------|
| 28 | Lifter (for all sizes of ACBs) | LIFTER (580x600)* | 171120 |
| | | LIFTER-SPL (690x570)* | 188140 |
| 29 | Door Interlock | | |
| 30 | Door Interlock 6D-16D / 06N-20S (Right side) | DOOR-INT-116 | 3780 |
| 31 | Door Interlock | | |
| 31.1 | Door Interlock (20D-40D) / 25N-40S (Right side) | DOOR-INT-220 | 3780 |

Sl. No. 25, 26, 30 & 31 should be ordered with ACB & will come at factory fitted.

| 32. Vertical Terminal Adapter for AH/AHA Fixed type ACB | | | | [HSN Code: 8538] |
|---|---------------|---------------------|-------------------------|------------------|
| Sl. No. | Description | Reference | Qty. Required Per Pole* | MRP (₹) |
| 32.1 | 06N-10N | CUADPTR-VC(6D~8D) | 1 | 6940 |
| 32.2 | 10D-12D & 12N | CUADPTR-VC(10D~12D) | 1 | 8560 |
| 32.3 | 16D & 16N-20S | CUADPTR-VC(16D) | 1 | 10250 |
| 32.4 | 20D-25D & 25N | CUADPTR-VC(20D~25D) | 1 | 22600 |

| 33. Drawout Mould Base (Cradle Side) | | | | [HSN Code: 8538] |
|--------------------------------------|-------------|-------------------------|---------|------------------|
| For ACB Rating | Reference | Qty. Required Per Pole* | MRP (₹) | |
| 6D-16D/08N-20S (AHA) | DRMOULD-20S | 2 | 2230 | |
| 20D | DRMOULD-20D | 2 | 2660 | |
| 25D/30S (AHA) | DRMOULD-25D | 2 | 3130 | |
| 30D/40S (AHA) | DRMOULD-30D | 1 | 6290 | |
| 40D | DRMOULD-40D | 1 | 6510 | |
| 50C-60C | DRMOULD-60C | 1 | POR | |

| 34. Arcing Contacts (Set of 1 No. Fixed 1 No. Moving) | | | | [HSN Code: 8538] |
|---|----------------|-------------------------|---------|------------------|
| For ACB Rating | Reference | Qty. Required Per Pole* | MRP (₹) | |
| 6D-8D / 06N-10N | CS-ARCCONT-08D | 1 | 7040 | |
| 10D-12D / 12N | CS-ARCCONT-12D | 1 | 7150 | |
| 16D / 16N | CS-ARCCONT-16D | 1 | 7670 | |
| 20N (Fixed ACB) | CS-ARCCONT-20N | 1 | 7860 | |
| 20N / 20S (Drawout ACB) | CS-ARCCONT-20S | 1 | 8220 | |
| 20D | CS-ARCCONT-20D | 1 | 16330 | |
| 25D / 25N-30S | CS-ARCCONT-25D | 1 | 16520 | |
| 30D/40S | CS-ARCCONT-30D | 1 | 16850 | |
| 40D | CS-ARCCONT-40D | 1 | 19590 | |
| 50C | CS-ARCCONT-50C | 1 | POR | |
| 60C | CS-ARCCONT-60C | 1 | | |

NOTES: 1. All configurable products are non stockable.
2. *M - Moving, F - Fixed



Spares For "AH/AHA" ACB

(Please specify ACB rating & type while placing order for spares)

| 35. Main Isolating Contacts (Jaw Contacts) | | | [HSN Code: 8538] |
|--|-----------------|------------------------|------------------|
| For ACB Rating | Reference | Qty. Required Per Pole | MRP (₹)* |
| 06N-08N / 10N | CS-MIC-08D(50k) | 2 | 13870 |
| 10D-12D / 12N | CS-MIC-12D | 2 | 13870 |
| 16D / 16N | CS-MIC-16D | 2 | 14490 |
| 20N / 20S | CS-MIC-20S | 2 | 18320 |
| 20D | CS-MIC-20D | 2 | 33170 |
| 25D / 25N-30S | CS-MIC-25D | 2 | 35330 |
| 30D / 40S | CS-MIC-30D | 2 | 57110 |
| 40D | CS-MIC-40D | 2 | 68510 |
| 50C | CS-MIC-50C | 2 | POR |
| 60C | CS-MIC-60C | 2 | POR |

*Prices for 2 Nos.

| 36. Main Fixed Contacts (Upper Terminals) | | | [HSN Code: 8538] |
|---|-----------------|-------------------------|------------------|
| For ACB Rating | Reference | Qty. Required Per Pole* | MRP (₹) |
| 06N-10N | FIXCONT-08N | 1 | 12960 |
| 10D-12D / 12N | FIXCONT-10D-12D | 1 | 13400 |
| 16D / 16N | FIXCONT-16D | 1 | 18630 |
| 20N(AHA)-Fixed type ACB | FIXCONT-20N | 1 | 19050 |
| 20N(AHA)-/20S Drawout ACB | FIXCONT-20S | 1 | 19410 |
| 20D | FIXCONT-20D | 1 | 20170 |
| 25D / 25N-30S | FIXCONT-25D | 1 | 33410 |
| 30D/40S | FIXCONT-30D | 1 | 79010 |
| 40D | FIXCONT-40D | 1 | 80540 |
| 50C | FIXCONT-50C | 1 | POR |
| 60C | FIXCONT-60C | 1 | POR |

| 37. Lower Terminals with fitting plates | | | [HSN Code: 8538] |
|---|------------------|-------------------------|------------------|
| For ACB Rating | Reference | Qty. Required Per Pole* | MRP (₹) |
| 6D-8D / 06N-10N (AHA) | LWR-TRNL-8D | 1 | 9140 |
| 10D-12D / 12N (AHA) | LWR-TRNL-12D | 1 | 10280 |
| 16D / 16N (AHA) | LWR-TRNL-16D | 1 | 14250 |
| 20N (AHA) (Fixed ACB) | LWR-TRNL-20N | 1 | 16560 |
| 20N(AHA) / 20S(AHA) (Drawout ACB) | LWR-TRNL-20S | 1 | 16780 |
| 20D | LWR-TRNL-20C-20D | 1 | 26450 |
| 25D / 25N-30S (AHA) | LWR-TRNL-25C-25D | 1 | 32210 |
| 30D/40S (AHA) | LWR-TRNL-30C-30D | 1 | 48210 |
| 40D | LWR-TRNL-40C-40D | 1 | 84880 |
| 50C | LWR-TRNL-50C | 1 | POR |
| 60C | LWR-TRNL-60C | 1 | POR |

| 38. Cradle Terminal for Drawout AH/AHA ACB | | | [HSN Code: 8538] | |
|--|------------------|------------------------|-------------------------|---------|
| For ACB Rating | Reference | Terminal Configuration | Qty. Required Per Pole* | MRP (₹) |
| 6D-8D / 06N-10N | CS-CKTTML-08N | Horizontal | 1 | 8420 |
| | CS-CKTTML-08N(V) | Vertical | 1 | 12780 |
| 10D-12D / 12N | CS-CKTTML-12D | Horizontal | 1 | 12500 |
| | CS-CKTTML-12D(V) | Vertical | 1 | 18710 |
| 16D / 16N | CS-CKTTML-16D | Horizontal | 1 | 20010 |
| | CS-CKTTML-16D(V) | Vertical | 1 | 26520 |
| 20N/20S | CS-CKTTML-20S | Horizontal | 1 | 20010 |
| | CS-CKTTML-20S(V) | Vertical | 1 | 26520 |
| 20D | CS-CKTTML-20D | Horizontal | 1 | 20010 |
| | CS-CKTTML-20D(V) | Vertical | 1 | 26520 |
| 25D / 25N, 25D / 25N-30S | CS-CKTTML-25D | Horizontal | 1 | 29410 |
| | CS-CKTTML-25D(V) | Vertical | 1 | 58130 |
| 30D / 40S | CS-CKTTML-30D | Vertical | 1 | 58230 |
| 40D | CS-CKTTML-40D | Vertical | 1 | 73680 |
| 50C | CS-CKTTML-50C | Vertical | 1 | POR |
| 60C | CS-CKTTML-60C | Vertical | 1 | POR |

NOTES: All configurable products are non stockable.

Spares For "AH/AHA" ACB

(Please specify ACB rating & type while placing order for spares)

| 39. Main Moving Contacts Assembly | | | [HSN Code: 8538] |
|-----------------------------------|-----------------|-------------------------|------------------|
| For ACB Rating | Reference | Qty. Required Per Pole* | MRP (₹) |
| 6D-8D | MOVMAIN-06D-08D | 1 | POR |
| 06N-10N | MOVMAIN-08N | 1 | 9840 |
| 10D-20D / 12N | MOVMAIN-10D-12D | 1 | 10040 |
| 16D / 16N | MOVMAIN-16D | 1 | 14580 |
| 20N (AHA)-(Fixed Type ACB) | MOVMAIN-20N | 1 | 16210 |
| 20N (AHA)-20S (Drawout Type ACB) | MOVMAIN-20S | 1 | 17980 |
| 20D | MOVMAIN-20D | 1 | 19380 |
| 25D / 25N-30S | MOVMAIN-25D | 1 | 25440 |
| 30D / 40S | MOVMAIN-30D | 1 | 58430 |
| 40D | MOVMAIN-40D | 1 | 78000 |
| 50C | MOVMAIN-50C | 1 | POR |
| 60C | MOVMAIN-60C | 1 | POR |

*** To arrive at total quantity per ACB, multiply by 3 or 4 depending upon number of poles in the ACB.



| 40. Complete Pole Unit (Common for 3 & 4 Pole ACBs) | | | [HSN Code: 8538] |
|---|--|-----------------|------------------|
| Sl. No. | For Air Circuit Breaker | Reference | MRP (₹) |
| 40.1 | Single Pole unit for 08N-10N | CS-CONDUNIT-8N | 29190 |
| 40.2 | Single Pole unit for 10D / 12D & 12N | CS-CONDUNIT-12D | 30460 |
| 40.3 | Single Pole unit for 16D / 16N | CS-CONDUNIT-16D | 36890 |
| 40.4 | Single Pole unit for 20N (AHA)-F■ | CS-CONDUNIT-20N | 41410 |
| 40.5 | Single Pole unit for 20N (AHA)-DO■/20S | CS-CONDUNIT-20S | 45760 |
| 40.6 | Single Pole Unit for 20D | CS-CONDUNIT-20D | 55910 |
| 40.7 | Single Pole Unit for 25D / 25N-30S | CS-CONDUNIT-25D | 60630 |
| 40.8 | Single Pole Unit for 30D/40S | CS-CONDUNIT-30D | 121450 |
| 40.9 | Single Pole Unit for 40D | CS-CONDUNIT-40D | 144680 |
| 40.10 | Single Pole Unit for 50C | CS-CONDUNIT-50C | POR |
| 40.11 | Single Pole Unit for 60C | CS-CONDUNIT-60C | POR |

| 41. Arc Chutes | | | [HSN Code: 8538] |
|----------------|-------------------|-------------------------|------------------|
| For ACB Rating | Reference | Qty. Required Per Pole* | MRP (₹) |
| 6D-16D/06N-20N | CS-ARCCHT-06D-16D | 1 | 5570 |
| 20S | CS-ARCCHT-20S | 1 | 7180 |
| 20D | CS-ARCCHT-20D | 1 | 7300 |
| 25D/30S | CS-ARCCHT-25D | 1 | 8400 |
| 30D/40S | CS-ARCCHT-30D | 1 | 18220 |
| 40D | CS-ARCCHT-40D | 1 | 19520 |
| 50C | CS-ARCCHT-50C | 1 | POR |
| 60C | CS-ARCCHT-60C | 1 | POR |

*** To arrive at total quantity per ACB, multiply by 3 or 4 depending upon number of poles in the ACB.

| 42. Charging Motors (110V AC/DC, 220V AC/DC, 250V AC/DC) | | | [HSN Code: 8538] |
|--|-----------|---------|------------------|
| For ACB Rating | Reference | MRP (₹) | |
| 6D-16D / 06N-20S (AHA) | CS-AMH-1 | 32770 | |
| 20D-40D/30S-40S(AHA) | CS-AMH-2 | 42710 | |



| 43. Control Relay for Charging Motor (110V AC/DC, 220V AC/DC) | | | [HSN Code: 8538] |
|---|-------------|---------|------------------|
| For ACB Rating | Reference | MRP (₹) | |
| 6D-16D / 06N-20S (AHA) | CS-AMH-1-AS | 4550 | |
| 20D-40D / 30S-40S (AHA) | CS-AMH-2-AS | 5340 | |

NOTES: All configurable products are non stockable.



Spares For "AH/AHA" ACB

(Please specify ACB rating & type while placing order for spares)

| 43. Other Spares | | | [HSN Code: 8538] |
|------------------|---|-------------------|------------------|
| Sl. No. | Description | Reference | MRP (₹) |
| 43.1 | Micro Switch for Motor cut off 6D-40D/06N-40S /50C-60C | MICROSW * | 1660 |
| 43.2 | Anti-Pumping Relay■ 6D-16D/06N-20S, 3P | CS-ANTPUMPRLY-116 | 6770 |
| | 20D-25D/30S, 3P | CS-ANTPUMPRLY-220 | 7930 |
| | 30D-40D/40S / 50C-60C, 3P | CS-ANTPUMPRLY-320 | 9100 |
| 43.3 | Manual Charging Handle 6D-16D/06N-20S | MCLHND-6D-16D | 5380 |
| 43.4 | Manual Charging Handle 20D-40D/25N-40S | MCLHND-20D-40D | 5840 |
| 43.5 | Drawout Handle 6D-16D/06N-20S | DRHND-6D-16D | 4440 |
| 43.6 | Drawout Handle 20D-40D/25N-40S | DRHND-20D-40D | 5380 |
| 43.7 | Magnet Hold Trigger 6D-16D/06N-20S, 3P 6D-16D/06N-20S, 4P | CS-MHT-16D | 5840 |
| | | CS-MHT-16D-4P | 6880 |
| 43.8 | Magnet Hold Trigger 20D-25D / 25N-30S, 3P 20D-25D / 25N-30S, 4P | CS-MHT-20D-25D3P | 7580 |
| | | CS-MHT-20D-25D4P | 8630 |
| 43.9 | Magnet Hold Trigger 30D-40D/40S (AHA), 3P 50C-60C 3P | CS-MHT-30D-3P | 7820 |
| | | CS-MHT-40D-60C3P | |
| | Magnet Hold Trigger 30D-40D / 40S / 50C-60C, 4P | CS-MHT-30D-60C4P | 8870 |
| 43.10 | D/O Telescopic Rail (Left) 6D-16D / 06N-20S 20D-25D / 25N-30S 30D-40D /40S | DRTLRAIL (L)-1 | 2110 |
| | | DRTLRAIL (L)-2 | |
| | | DRTLRAIL (L)-3 | |
| 43.11 | D/O Telescopic Rail (Right) 6D-16D / 06N-20S 20D-25D / 25N-30S 30D-40D / 40S | DRTLRAIL (R)-1 | 2110 |
| | | DRTLRAIL (R)-2 | |
| | | DRTLRAIL (R)-3 | |

Note: "****" Please specify ACB rating & type while ordering for spares.

| **Options for Anti-Pumping Relay | | | | | |
|----------------------------------|--------|-----|------|------|------|
| | 24/30V | 48V | 110V | 220V | 415V |
| AC | -- | -- | FA | MA | NA |
| DC | BD | ED | FD | MD | - |

NOTES:

- 1) All configurable products are non stockable.
- 2) ■Anti-Pumping Relay same code will be applicable for 4P

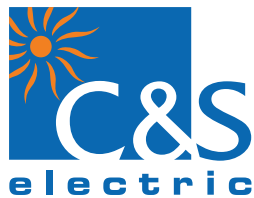


AH / AHA ACB Order Form

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

| AH/AHA ACB ORDER FORM | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|---|--------------------------------|---|---|-------------------------------|-------------------------------------|----------------------|--------------------------------|---|---|-------------|-------------|-------------|-------------|--------|---------|---------|---------|--|--|--|
| Customer Name | | Order No & Date | | Delivery Date | | End User/Panel Builder Name & Phone no. | | | Qty. (NOS.) | | | | | | | | | | | | | | | |
| PRODUCT REFERENCE | | AH <input type="checkbox"/> | | AHA <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | |
| RATING OF ACB REQUIRED | 630A <input type="checkbox"/> | | 800A <input type="checkbox"/> | | 1000A <input type="checkbox"/> | | 1250A <input type="checkbox"/> | | 1600A <input type="checkbox"/> | | 2000A <input type="checkbox"/> | | | | | | | | | | | | | |
| | 2500A <input type="checkbox"/> | | 3200A <input type="checkbox"/> | | 4000A <input type="checkbox"/> | | 5000A <input type="checkbox"/> | | 6300A <input type="checkbox"/> | | | | | | | | | | | | | | | |
| NO. OF POLES | 3 POLE <input type="checkbox"/> | | 4 POLE <input type="checkbox"/> | | BREAKING CAPACITY : AH : D | | | C | | (Only for 50C & 60C) | | | | | | | | | | | | | | |
| | | | | | AHA : N | | | S | | | | | | | | | | | | | | | | |
| STANDARD CONFIGURATION | MF | | EF | | MDO | | EDO | | | | | | | | | | | | | | | | | |
| | With Microprocessor Release | 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 ---> | | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>110V</td><td>AC</td><td>DC</td></tr> <tr><td>220V</td><td>AC</td><td>DC</td></tr> </table> | | 110V | AC | DC | 220V | AC | DC | Closing Coil --> | | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>100-130V AC</td><td>220-250V AC</td><td>380-440V AC</td></tr> <tr><td>24V DC</td><td>48V DC</td><td>110V DC</td><td>220V DC</td></tr> </table> | | 100-130V AC | 220-250V AC | 380-440V AC | 24V DC | 48V DC | 110V DC | 220V DC | | | |
| | 110V | AC | DC | | | | | | | | | | | | | | | | | | | | | |
| 220V | AC | DC | | | | | | | | | | | | | | | | | | | | | | |
| 100-130V AC | 220-250V AC | 380-440V AC | | | | | | | | | | | | | | | | | | | | | | |
| 24V DC | 48V DC | 110V DC | 220V DC | | | | | | | | | | | | | | | | | | | | | |
| UVT ----> (W/O time delay) | | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>100-130V AC</td><td>220-250V AC</td><td>380-440V AC</td></tr> <tr><td>110V DC</td><td>220V DC</td><td></td></tr> </table> | | 100-130V AC | 220-250V AC | 380-440V AC | 110V DC | 220V DC | | Shunt trip coil --> | | <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td>100-130V AC</td><td>220-250V AC</td><td>380-440V AC</td></tr> <tr><td>24V DC</td><td>48V DC</td><td>110V DC</td><td>220V DC</td></tr> </table> | | 100-130V AC | 220-250V AC | 380-440V AC | 24V DC | 48V DC | 110V DC | 220V DC | | | | |
| 100-130V AC | 220-250V AC | 380-440V AC | | | | | | | | | | | | | | | | | | | | | | |
| 110V DC | 220V DC | | | | | | | | | | | | | | | | | | | | | | | |
| 100-130V AC | 220-250V AC | 380-440V AC | | | | | | | | | | | | | | | | | | | | | | |
| 24V DC | 48V DC | 110V DC | 220V DC | | | | | | | | | | | | | | | | | | | | | |
| ACCESSORIES | Without Release <input type="checkbox"/> | | CT Rating _____ A | | Thermal Magnetic : | | Earth Fault : Req'd. <input type="checkbox"/> | | Not Req'd. <input type="checkbox"/> | | | | | | | | | | | | | | | |
| | Thermal Magnetic Release <input type="checkbox"/> | | Overload _____ A | | | | CT Rating <input type="checkbox"/> | | NCT Rating <input type="checkbox"/> | | | | | | | | | | | | | | | |
| MicroPro 3.1 <input type="checkbox"/> | | Ground Fault _____ A | | Setting of non-adj. Mag. Inst. Trip _____ | | | | | | | | | | | | | | | | | | | | |
| MicroPro 4.1 <input type="checkbox"/> | | Short Circuit _____ A | | | | | | | | | | | | | | | | | | | | | | |
| MicroPro 5.1 <input type="checkbox"/> | | Instantaneous _____ A | | | | | | | | | | | | | | | | | | | | | | |
| Communication Module* (Modbus Protocol) <input type="checkbox"/> | | Neutral _____ A | | | | | | | | | | | | | | | | | | | | | | |
| Trip Ind. Switch <input type="checkbox"/> | | Spring charge Ind. Switch <input type="checkbox"/> | | Castle Key Interlock** <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | |
| Position Ind. Switch <input type="checkbox"/> | | Mech. Operation Counter <input type="checkbox"/> | | Key Interlock : 2 ACB <input type="checkbox"/> | | 3 ACB <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| Key Lock** <input type="checkbox"/> | | Door Interlock <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | |
| OCR Alarm Switch <input type="checkbox"/> | | Mechanical Interlock : | | | | | | | | | | | | | | | | | | | | | | |
| | | Hor. <input type="checkbox"/> | | Ver. <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | |
| 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



WiNbreak1

Moulded Case Circuit Breaker

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

*For communication Module please contact nearest Branch Office.





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-* | 7940 | CSE1M125FMU4P-* | 10210 |
| | 16, 20, 25, 32, 40, 50 | 36kA | CSE1NN125FMU3P-* | 10190 | CSE1NN125FMU4P-* | 12420 |

| ATM (Thermal Magnetic) Release ● Adjustable Overload 80-100% ● Adjustable Short Circuit 5-10 In | | | | | | [HSN Code: 8536] | |
|---|----------------------|----------------------------------|--------------------|-------------------|---------------------|-------------------|-------|
| Size | Rated Current (Amps) | Breaking capacity Icu at 415V AC | 3 Pole Reference | MRP (₹) | 4 Pole Reference | MRP (₹) | |
| Frame 1 | 63, 80, 100 | 25kA | CSE1M125ATM3P-* | 8480 | CSE1M125ATM4P-* | 11200 | |
| | 125 | | CSE1M125ATM3P-* | 11620 | CSE1M125ATM4P-* | 13070 | |
| Frame 2 | 160 | | CSE2M250ATM3P-* | 15170 | CSE2M250ATM4P-* | 18180 | |
| | 200 | | CSE2M250ATM3P-* | 19150 | CSE2M250ATM4P-* | 21840 | |
| | 250 | | CSE2M250ATM3P-* | 22670 | CSE2M250ATM4P-* | 25780 | |
| Frame 3 | 320 | | CSE3M400ATM3P-* | 28900 | CSE3M400ATM4P-* | 33760 | |
| | 350 | | CSE3M400ATM3P-* | 28900 | CSE3M400ATM4P-* | 33760 | |
| | 400 | | CSE3M400ATM3P-* | 29330 | CSE3M400ATM4P-* | 35640 | |
| Frame 1 | 63, 80, 100 | | 36kA | CSE1NN125ATM3P-* | 10190 | CSE1NN125ATM4P-* | 12790 |
| | 125 | | | CSE1NN125ATM3P-* | 11900 | CSE1NN125ATM4P-* | 13890 |
| Frame 2 | 160 | CSE2NN250ATM3P-* | | 17560 | CSE2NN250ATM4P-* | 22320 | |
| | 200 | CSE2NN250ATM3P-* | | 21330 | CSE2NN250ATM4P-* | 24020 | |
| Frame 3 | 320 | CSE3NN400ATM3P-* | | 29100 | CSE3NN400ATM4P-* | 34130 | |
| | 350 | CSE3NN400ATM3P-* | | 29100 | CSE3NN400ATM4P-* | 34130 | |
| | 400 | CSE3NN400ATM3P-* | | 29480 | CSE3NN400ATM4P-* | 36030 | |
| Frame 4 | 500 | CSE4NN630ATM3P-500A | | 33055 | CSE4NN630ATM4P-500A | 41465 | |
| | 630 | CSE4NN630ATM3P-630A | | 33055 | CSE4NN630ATM4P-630A | 41465 | |
| Frame 1 | 63, 80, 100 | 50kA | | CSE1S125ATM3P-* | 13570 | CSE1S125ATM4P-* | 16460 |
| | 125 | | | CSE1S125ATM3P-* | 15900 | CSE1S125ATM4P-* | 19910 |
| Frame 2 | 160 | | | CSE2S250ATM3P-* | 21020 | CSE2S250ATM4P-* | 26940 |
| | 200 | | | CSE2S250ATM3P-* | 23800 | CSE2S250ATM4P-* | 30110 |
| | 250 | | | #CSE2SX250ATM3P-* | 24330 | #CSE2SX250ATM4P-* | 28940 |
| | 250 | | | CSE2S250ATM3P-* | 25470 | CSE2S250ATM4P-* | 31620 |
| | 320 | | | CSE3S400ATM3P-* | 30700 | CSE3S400ATM4P-* | 35490 |
| Frame 3 | 350 | | CSE3S400ATM3P-* | 30700 | CSE3S400ATM4P-* | 35490 | |
| | 400 | | CSE3S400ATM3P-* | 31940 | CSE3S400ATM4P-* | 36610 | |
| | 500 | | CSE4S630ATM3P-500A | 41845 | CSE4S630ATM4P-500A | 51435 | |
| Frame 4 | 630 | | CSE4S630ATM3P-630A | 41845 | CSE4S630ATM4P-630A | 51435 | |

- 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. 33

WiNbreak1 MCCB

Microprocessor Release 'MicroPro WB'

- Conforms to IS/IEC 60947-2
- $I_{cs}=100\%I_{cu}$
- Range: 40A-400A, 3P & 4P
- Breaking capacity: 36kA & 50kA
- Communication*
- Trip History
- LCD: Indication of measurement and information
- Suitable for isolation
- Adjustable over load from 0.4-1.0In
- Adjustable short circuit from 2-12Ir
- Inbuilt ground fault protection available 20% to 100% of In
- Adjustable neutral overload protection available: 50% to 100% of Ir
- Adjustable current imbalance protection available: (30%-70%) of Ir
- Provision of thermal memory: ON/OFF
- View last trip information



| ETM (with in-built Earth fault Protection) ● Adjustable Overload 40 - 100% ● Adjustable shortcircuit 2-12 Ir | | | | | | [HSN Code: 8536] |
|---|-------------------|----------------------------------|----------------------|--------------------|----------------------|------------------|
| Size | Release Range (A) | Breaking Capacity Icu at 415V AC | 3 Pole - Reference | MRP (₹) | 4 Pole - Reference | MRP (₹) |
| Frame 1 | 16-40 | 36kA | CSE1NN125ETM3P-40A | 20690 | CSE1NN125ETM4P-40A | 24330 |
| | 25-63 | | CSE1NN125ETM3P-63A | 20690 | CSE1NN125ETM4P-63A | 24330 |
| | 40-100 | | CSE1NN125ETM3P-100A | 21920 | CSE1NN125ETM4P-100A | 25540 |
| | 50-125 | | CSE1NN125ETM3P-125A | 22640 | CSE1NN125ETM4P-125A | 27850 |
| Frame 2 | 63-160 | | CSE2NN250ETM3P-160A | 25990 | CSE2NN250ETM4P-160A | 30590 |
| | 80-200 | | CSE2NN250ETM3P-200A | 30870 | CSE2NN250ETM4P-200A | 38000 |
| Frame 3 | 160-400 | | CSE3NN400ETM3P-400A | 45900 | CSE3NN400ETM4P-400A | 57260 |
| ETM (with in-built Earth fault Protection) ● Adjustable Overload 40-100% ● Adjustable shortcircuit 2-12 Ir ● $I_{cs}=100\%I_{cu}$ | | | | | | [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 | 22900 | CSE1S125ETM4P-40A | 25570 |
| | 25-63 | | CSE1S125ETM3P-63A | 22900 | CSE1S125ETM4P-63A | 25570 |
| | 40-100 | | CSE1S125ETM3P-100A | 22900 | CSE1S125ETM4P-100A | 25570 |
| | 50-125 | | CSE1S125ETM3P-125A | 23440 | CSE1S125ETM4P-125A | 30800 |
| Frame 2 | 63-160 | | CSE2S250ETM3P-160A | 29180 | CSE2S250ETM4P-160A | 36540 |
| | 80-200 | | CSE2S250ETM3P-200A | 31300 | CSE2S250ETM4P-200A | 38600 |
| | 100-250 | | CSE2S250ETM3P-250A | 31420 | CSE2S250ETM4P-250A | 46330 |
| | 00-250 | | #CSE2SX250ETM3P-250A | 31780 | #CSE2SX250ETM4P-250A | 40590 |
| Frame 3 | 160-400 | CSE3S400ETM3P-400A | 48150 | CSE3S400ETM4P-400A | 61510 | |

NOTE: 1. #Icu 50kA($I_{cs}=75\% I_{cu}$)

2. While ordering, Replace "*" with Current rating

3. For spreader terminals reference code & MRP, please refer page no. 33

4. For 3 Pole ETM (Microprocessor) MCCB one Neutral CT will be required, if ground fault protection is required. For reference & price please refer page 34.

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



WiNbreak1 MCCB - Frame 'S'

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



| FMU (Thermal Magnetic) Release ● Adjustable Overload 80-100% ● Fixed short circuit 10In* | | | | | | [HSN Code: 8536] |
|--|-------------------------|----------------------------------|--------------------|---------|--------------------|------------------|
| Size | Rating Range (A) | Breaking Capacity Icu at 415V AC | 3 Pole - Reference | MRP (₹) | 4 Pole - Reference | MRP (₹) |
| Frame 'S' | 16, 20, 25, 32, 40, 50, | 10kA | CSESK125FMU3P-*A | 3360 | CSESK125FMU4P-*A | 3800 |
| | 63, 80, 100A | | CSESK125FMU3P-*A | 4050 | CSESK125FMU4P-*A | 5400 |
| | 125A | | CSESK125FMU3P-*A | 4410 | CSESK125FMU4P-*A | 5630 |
| | 16, 20, 25, 32, 40, 50, | 18kA | CSESL125FMU3P-*A | 5230 | CSESL125FMU4P-*A | 6840 |
| | 63, 80, 100A | | CSESL125FMU3P-*A | 5370 | CSESL125FMU4P-*A | 6980 |
| | 125A | | CSESL125FMU3P-*A | 5750 | CSESL125FMU4P-*A | 7640 |
| | 16, 20, 25, 32, 40, 50 | 25kA* | CSESMX125FMU3P-*A | 5670 | CSESMX125FMU4P-*A | 6970 |
| | 63, 80, 100A | | CSESMX125FMU3P-*A | 5900 | CSESMX125FMU4P-*A | 7320 |
| | 125A | | CSESMX125FMU3P-*A | 6190 | CSESMX125FMU4P-*A | 7670 |

- NOTES :**
1. While Ordering, Replace "*" by Current Rating.
 2. * Ics=75%Icu
 3. For accessories please refer page No. 33
 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 includes Spreader terminals, insulating phase barrier & hardware

| 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 | 1420 | |
| | | | CSESK125FTM1P-20A | 1420 | |
| | | | CSESK125FTM1P-25A | 1420 | |
| | | | CSESK125FTM1P-32A | 1420 | |
| | | | CSESK125FTM1P-40A | 1420 | |
| | | | CSESK125FTM1P-50A | 1575 | |
| | 50, 63, 80, 100, 125 | | CSESK125FTM1P-63A | 1575 | |
| | | | CSESK125FTM1P-80A | 1575 | |
| | | | CSESK125FTM1P-100A | 1575 | |
| | | | CSESK125FTM1P-125A | 1575 | |

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 | 9490 |
| | | 32 | CSE1S125FMTU3P-32A | |
| | | 50 | CSE1S125FMTU3P-50A | |
| | | 63 | CSE1S125MTU3P-63A | 9650 |
| | | 100 | CSE1S125MTU3P-100A | |
| | | 125 | CSE1S125MTU3P-125A | |
| Frame-2 | 50kA | 160 | CSE2S250MTU3P-160A | 16770 |
| | | 200 | CSE2S250MTU3P-200A | 21740 |
| | | 220 | CSE2S250MTU3P-220A | 27030 |
| | | 250 | CSE2S250MTU3P-250A | |
| Frame-3 | 50kA | 320 | CSE3S400MTU3P-320A | 32150 |
| | | 350 | CSE3S400MTU3P-350A | |
| | | 400 | CSE3S400MTU3P-400A | |
| Frame-4 | 50kA | 500 | CSE4S630MTU3P-500A | 32845 |
| | | 630 | CSE4S630MTU3P-630A | |

| ACCESSORIES | | | | | | | | | | | [HSN Code: 8538] |
|-------------------------------|------------------|---------|--------------------------|---------|-----------------------|---------|-------------------|---------|----------------------------|---------|------------------|
| Suitable for use on WB1 MCCBs | | | | | | | | | | | |
| MCCB | Shunt Trip (SHT) | MRP (₹) | Under Voltage Trip (UVT) | MRP (₹) | Auxiliary Switch (AX) | MRP (₹) | Alarm Switch (AL) | MRP (₹) | Combination Switch (AX+AL) | MRP (₹) | |
| CSES | STW1-S (...V) | 1500 | - | - | AXWS-L | 1140 | ALWS-L | 1220 | XLWS-L | 2170 | |
| CSE1 | STW1-(...V) | 2550 | UVTW1-(...V) | 4420 | AXW1-* | 1330 | ALW1-* | 1330 | XLW1-* | 3150 | |
| CSE2 | | | | | | | ALW1-2* | 1330 | XLW1-2* | 3150 | |
| CSE3 / CSE4 | STW1-3(...V) | 3780 | UVTW1-3(...V) | 5160 | AXW1-3 | 1690 | ALW1-3* | 1690 | XLW1-3* | 3780 | |

NOTE:

1. Please replace "*" with L as MCCB Left hand side position & R as MCCB right hand position
2. Maximum Possibilities for Internal Accessories
 - a) 3 Pole, MCCB with Thermal Release, Any two accessories can be fitted at one time
 - b) 4 Pole, MCCB with Thermal Release, Any Three accessories can be fitted at one time
 - c) 3 Pole, MCCB with Microprocessor Release, Right hand seat is not available. Hence, one accessory can be fitted at one time
 - d) 4 Pole, MCCB with Microprocessor Release, Any two accessories can be fitted at one time; Right hand seat is not available
 - e) Alarm & combination switch can be fitted in left hand seat only on CSE3-4P Microprocessor Release MCCB
 - f) UVT can be fitted only in left hand seat
 - g) 3 & 4 Pole, CSES MCCB can have Shunt trip fitment only in Right Side pocket
3. For UVT of CSES Fame, 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 | 24V, 48V, 110V, 220V | - |
| CSE3/CSE4 | 220V, 415V | | 24V, 48V, 110V |



WiNbreak1 MCCB



| Extended Rotary Handle | | | [HSN Code: 8538] |
|-------------------------------|--------------|---------|------------------|
| Suitable for use on WB1 MCCBs | Reference | MRP (₹) | |
| CSES | EHW1-0T-125 | 2380 | |
| CSE1 | EHW1-125 | 2650 | |
| CSE2 | EHW1-250 | 3120 | |
| CSE3 / CSE4 | EHW1-400-630 | 3730 | |

| 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 | 4320 | |
| CSE2 | EXTKLWB1-250AF-T1 | 4320 | |
| CSE3 / CSE4 | EXTKLWB1-400AF-T1 | 5070 | |

| 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 | 3090 | MIW1-125-4P | 3820 | |
| CSE2 | MIW1-250-3P | 3360 | MIW1-250-4P | 3970 | |

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

| Locking Devices* | | | | | [HSN Code: 8538] |
|---------------------------|-----------|---------|------------|---------|------------------|
| Suitable for use on MCCBs | Key Lock* | | Padlocking | | |
| | Reference | MRP (₹) | Reference | MRP (₹) | |
| CSE1 | KLW1-125 | 1720 | PLW1-125 | 1810 | |
| CSE2 | KLW1-250 | 1870 | PLW1-250 | 2000 | |
| CSE3 / CSE4 | - | - | PLW1-400 | POR | |

* Factory fitted only

| Spreader Terminals for WB1 MCCB | | | | | | [HSN Code: 8538] |
|---------------------------------|--------|---|--------------|---------|----------|------------------|
| Suitable for use on MCCBs | | Current Rating (A) | Reference | MRP (₹) | MOQ | |
| CSES | 3 Pole | 16 , 20, 25, 32, 40, 50, 63, 80, 90, 100, 125 | CSET0033 | 200 | Set of 3 | |
| | 4 Pole | | CSET0044 | 300 | Set of 4 | |
| CSE1 | 3 Pole | 15, 20, 32, 40, 50, 63 | CSET1033 | 200 | Set of 3 | |
| CSE1 | 3 Pole | 80, 100, 125 | CSET1033C | 290 | Set of 3 | |
| CSE1 | 4 Pole | 15, 20, 32, 40, 50, 63 | CSET1044 | 330 | Set of 4 | |
| CSE1 | 4 Pole | 80, 100, 125 | CSET1044C | 400 | Set of 4 | |
| CSE2 | 3 Pole | 160, 200 | CSET2033 | 480 | Set of 3 | |
| CSE2 | 3 Pole | 250 | CSET2503-ST | 780 | Set of 3 | |
| CSE2 | 4 Pole | 160, 200 | CSET2044 | 720 | Set of 4 | |
| CSE2 | 4 Pole | 250 | CSET2504-ST | 1020 | Set of 4 | |
| CSE3 | 3 Pole | 320, 350, 400 | CSET3033 | 1760 | Set of 3 | |
| CSE3 | 4 Pole | 320, 350, 400 | CSET3044 | 2430 | Set of 4 | |
| CSE3 | 3 Pole | 500, 630 | CSET4033-WB1 | 3900 | Set of 3 | |
| CSE4 | 4 Pole | 500, 630 | CSET4044-WB1 | 5300 | Set of 4 | |



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

NOTES:

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

Winbreak1 MCCB



| Description | Reference | MRP (₹) |
|--|-----------|---------|
| Front Barrier - IP40 | | |
| CSES, Front Barrier, 1P (Set of 2) | CSFB1P-S | 110 |
| CSES, Front Barrier, 2P,3P (Set of 2) | CSFB3P-S | 180 |
| CSES, Front Barrier, 4P (Set of 2) | CSFB4P-S | 230 |
| CSE1, Front Barrier, 2P,3P (Set of 2) | CSFB3P-1 | 190 |
| CSE2, Front Barrier, 2P,3P (Set of 2) | CSFB3P-2 | 250 |
| CSE3/4, Front Barrier, 3P (Set of 2) | CSFB3P-3 | 800 |
| CSE1, Front Barrier, 4P (Set of 2) | CSFB4P-1 | 230 |
| CSE2, Front Barrier, 4P (Set of 2) | CSFB4P-2 | 300 |
| CSE3/4, Front Barrier, 4P (Set of 2) | CSFB4P-3 | 1000 |
| Cage Clamp | | |
| Cage Clamps for FRAME-S, WB1 MCCB (Set of 3) | CSCC0033 | POR |
| Cage Clamps for FRAME-S, WB1 MCCB (Set of 4) | CSCC0044 | |
| Cage Clamps for FRAME-1, WB1 MCCB (Set of 3) | CSCC1033 | |
| Cage Clamps for FRAME-1, WB1 MCCB (Set of 4) | CSCC1044 | |
| Cage Clamps for FRAME-2, WB1 MCCB (Set of 3) | CSCC2033 | |
| Cage Clamps for FRAME-2, WB1 MCCB (Set of 4) | CSCC2044 | |

| Earth Fault Relay (Built in CBCT) Suitable for 3 Phase 3 wire distribution network | | | [HSN Code: 8538] |
|--|---------------------------------|----------------------|------------------|
| Rating (Amps) | Earth Fault Relay Setting Range | Reference | MRP (₹) |
| 32A | 3.2-32A | EFR-CBCT125-AF-32 | 7280 |
| 40A | 4-40A | EFR-CBCT125-AF-40 | |
| 63A | 6.3-63A | EFR-CBCT125-AF-63 | |
| 80A | 8-80A | EFR-CBCT125-AF-80 | |
| 100A | 10-100A | EFR-CBCT125-AF-100 | |
| 125A | 12.5-125A | EFR-CBCT125-AF-125 | 7750 |
| 200A | 20-200A | EFR-CBCT250-AF-200 | 8660 |
| 250A | 25-250A | EFR-CBCT250-AF-250 | |
| 400A | 40-400A | EFR-CBCT400-AF-400 | |
| 630A | 63-630A | EFR-CBCT630-AF-630 | 10030 |
| 800A | 80-800A | EFR-CBCT800-AF-800 | |
| 1000A | 100-1000A | EFR-CBCT1250-AF-1000 | 15470 |
| 1250A | 125-1250A | EFR-CBCT1250-AF-1250 | |
| Earth Fault Relay (with NCT) Suitable for 3 Phase 4 wire distribution network | | | |
| 40A | 4-40A | EFR125-AF-40(N) | 6740 |
| 100A | 10-100A | EFR125-AF-100(N) | |
| 125A | 12.5-125A | EFR125-AF-125(N) | |
| 200A | 20-200A | EFR250-AF-200 | 7160 |
| 250A | 25-250A | EFR250-AF-250 | |
| 400A | 40-400A | EFR400-AF-400 | 7990 |
| 630A | 63-630A | EFR630-AF-630 | |
| 800A | 80-800A | EFR800-AF-800 | 9200 |
| 1000A | 100-1000A | EFR1250-AF-1000 | |
| 1250A | 125-1250A | EFR1250-AF-1250 | 15170 |
| NCT Winbreak1 ETM (Microprocessor) 3 Pole MCCB if ground fault facility is required | | | |
| 40 | 40/0.1A | ETMNCT40A | 2220 |
| 63 | 63/0.1A | ETMNCT63A | |
| 80 | 80/0.1A | ETMNCT80A | |
| 100 | 100/0.1A | ETMNCT100A | |
| 125 | 125/0.1A | ETMNCT125A | |
| 160 | 160/0.1A | ETMNCT160A | 3110 |
| 200 | 200/0.1A | ETMNCT200A | |
| 250 | 250/0.1A | ETMNCT250A | |
| 400 | 400/0.1A | ETMNCT400A | |





WiNbreak2

An Absolute solution for power distribution

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



Conforms to IS/IEC 60947-2

$I_{cs} = 100\% I_{cu}$

$I_{cw} = 25kA$ for 1s

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

Breaking capacity : 50kA, 70kA & 150kA

U_i : 1000V

U_{imp} : 8kV

N Type
(Normal)



A Type
(Ammeter)



P Type
(Power Meter)



S Type
(Supreme Meter)



WiNbreak2 MCCB (1600AF)

Features:

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

| MCCB with Intelligent Release - N Type | | | | | | | [HSN Code: 8536] |
|--|-------------------|----------------------------|-------------------|---------|-------------------|---------|------------------|
| Size | Release Range (A) | Breaking Capacity @ 415VAC | 3 Pole Reference | MRP (₹) | 4 Pole Reference | MRP (₹) | |
| Frame 5 | 400-800 | 50kA | CS1000NNG5800A3P | POR | CS1000NNG5800A4P | POR | |
| | 500-1000 | | CS1000NNG51000A3P | | CS1000NNG51000A4P | | |
| | 625-1250 | | CS1250NNG51250A3P | | CS1250NNG51250A4P | | |
| | 800-1600 | | CS1600NNG51600A3P | | CS1600NNG51600A4P | | |
| | 400-800 | 70kA | CS1000HNG5800A3P | POR | CS1000HNG5800A4P | POR | |
| | 500-1000 | | CS1000HNG51000A3P | | CS1000HNG51000A4P | | |
| | 625-1250 | | CS1250HNG51250A3P | | CS1250HNG51250A4P | | |
| | 800-1600 | | CS1600HNG51600A3P | | CS1600HNG51600A4P | | |

| MRP Changes for MCCB with high end release w.r.t "Intelligent release - N Type" | | [HSN Code: 8536] |
|---|-----|------------------|
| Release | | MRP (₹) |
| Intelligent release - A Type* | ADD | POR |
| Intelligent release - P Type* | ADD | |
| Intelligent release - S Type* | ADD | |

Note : Standard packing includes insulating phase barriers and Hardwares.

| Internal Accessories | | | | | | | | | | [HSN Code: 8538] |
|----------------------|------------------|---------|--------------------------|---------|-----------------------|---------|-------------------|---------|---------------------------|------------------|
| WB2 MCCBs | Shunt Trip (SHT) | MRP (₹) | Under Voltage Trip (UVT) | MRP (₹) | Auxiliary Switch (AX) | MRP (₹) | Alarm Switch (AL) | MRP (₹) | Fault Alarm Switch (FAL)* | MRP (₹) |
| CS1000-1600 | SHT5-T(...V) | POR | UVT5-T(...V) | POR | AX5-T | POR | AL5-T | POR | FAL5-T | POR |

| Voltage Selection UVT & Shunt | | | | [HSN Code: 8538] |
|-------------------------------|---------------|----------------|--------------------|------------------|
| Size | AC | DC | AC / DC Common | |
| UVT | | | | |
| Frame 5 | 48V, 380-480V | 24-30V, 48-60V | 100-130V, 200-250V | |
| Shunt | | | | |
| Frame 5 | 48V, 380-480V | 24-30V, 48-60V | 100-130V, 200-250V | |

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

| Mechanical Interlock | | | | | [HSN Code: 8538] |
|----------------------|---------------------------|---------|-----------|---------|------------------|
| WB2 MCCBs | Applied between two MCCBs | | | | |
| | 3 Pole | | 4 Pole | | |
| | Reference | MRP (₹) | Reference | MRP (₹) | |
| CS1000-1600 | MIT53 | POR | MIT54 | POR | |

| Padlocking Device | | | | [HSN Code: 8538] |
|-------------------|------------|---------|----------------|------------------|
| WB2 MCCBs | Fixed Lock | | Removable Lock | |
| | Reference | MRP (₹) | Reference | MRP (₹) |
| CS1000-1600 | PHL5 | POR | PL5 | POR |

NOTE : Above mentioned products are non stockable.



WiNbreak2 MCCB

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



| FMU (Thermal Magnetic) Release ● Adjustable Overload 80-100% ● Fixed short circuit 10 In | | | | | | [HSN Code: 8536] |
|--|----------------------------|----------------------------------|------------------|---------|------------------|------------------|
| Size | Rated Current (Amps) | Breaking capacity Icu at 415V AC | 3 Pole Reference | MRP (₹) | 4 Pole Reference | MRP (₹) |
| Frame 1 | 16, 20, 25, 32, 40, 50, 63 | 50kA | ☒CD100NFMU*3P | 15290 | ☒CD100NFMU*4P | 18960 |
| | 80, 100 | | CD100NFMU*3P | 15430 | CD100NFMU*4P | 19130 |
| Frame 3 | 300, 400 | 65kA | ☒CS400NFMU*3P | 50820 | CS400NFMU*4P | 64870 |
| | 500, 630 | | *CS630NFMU*3P | 58060 | CS630NFMU*4P | 70180 |
| Frame 4 | 800 | 65kA | ☒CS800NFMU*3P | 75000 | CS800NFMU*4P | 100360 |

| ATU (Thermal Magnetic) Release ● Adjustable Overload 80 - 100% ● Adjustable Short circuit 5 - 10 In | | | | | | [HSN Code: 8536] |
|---|----------------------|----------------------------------|------------------|---------|------------------|------------------|
| Size | Rated Current (Amps) | Breaking capacity Icu at 415V AC | 3 Pole Reference | MRP (₹) | 4 Pole Reference | MRP (₹) |
| Frame 2 | 125 | 50kA | CS160NATU*3P | 23780 | ☒CS160NATU*4P | 30090 |
| | 160 | | ☒CS160NATU*3P | 29290 | ☒CS160NATU*4P | 38010 |
| | 200 | | ☒CS250NATU*3P | 35230 | ☒CS250NATU*4P | 45100 |
| | 250 | | CS250NATU*3P | 40460 | CS250NATU*4P | 54210 |
| Frame 3 | 300, 400 | 65kA | *CS400NATU*3P | 51910 | *CS400NATU*4P | 69170 |
| | 500, 630 | | *CS630NATU*3P | 61680 | *CS630NATU*4P | 75310 |
| Frame 4 | 800 | 65kA | ☒CS800NATU*3P | 84150 | CS800NATU*4P | 104340 |

| ETS (Microprocessor based) Release ● Adjustable Overload 40 - 100% ● Adjustable shortcircuit 1.5 - 10 In | | | | | | [HSN Code: 8536] |
|--|----------------------|----------------------------------|------------------|---------|------------------|------------------|
| Size | Rated Current (Amps) | Breaking capacity Icu at 415V AC | 3 Pole Reference | MRP (₹) | 4 Pole Reference | MRP (₹) |
| Frame 2 | 40 | 50kA | CS160NETS*3P | 39080 | ☒CS160NETS*4P | 48870 |
| | 80, 160 | | CS160NETS*3P | 39620 | ☒CS160NETS*4P | 48880 |
| | 250 | | CS250NETS*3P | 48200 | ☒CS250NETS*4P | 61310 |
| Frame 3 | 400 | 65kA | CS400NETS*3P | 53410 | ☒CS400NETS*4P | 79750 |
| | 630 | | ☒CS630NETS*3P | 61310 | ☒CS630NETS*4P | 93900 |
| Frame 4 | 800 | 65kA | ☒CS800NETS*3P | 90530 | CS800NETS*4P | 115510 |

☒ non stockable items.

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

WiNbreak2 MCCB

| ETM (Microprocessor Release with in-built Earth fault Protection) ● Adjustable Overload 40 - 100% ● Adjustable shortcircuit 1.5 - 10 In | | | | | | | [HSN Code: 8536] |
|--|----------------------|----------------------------------|--------------------|---------|--------------------|---------|------------------|
| Size | Rated Current (Amps) | Breaking capacity Icu at 415V AC | 3 Pole Reference | MRP (₹) | 4 Pole Reference | MRP (₹) | |
| Frame 3 | 160 | 65kA | CS400NETM33160A3PE | 88040 | CS400NETM33160A4PE | 105550 | |
| | 250 | | CS400NETM33250A3PE | 88040 | CS400NETM33250A4PE | 105550 | |
| | 400 | | CS400NETM33400A3PE | 88240 | CS400NETM33400A4PE | 113990 | |
| | 630 | | CS630NETM33630A3PE | 106270 | CS630NETM33630A4PE | 126490 | |
| Frame 4 | 800 | 65kA | CS800NETM43800A3PE | 148630 | CS800NETM43800A4PE | 185790 | |

NOTE :

- While ordering replace "*" by Current Rating
- Spreader Terminals are not included MCCBs upto 63A
- For 3 Pole ETM (Microprocessor) MCCB one Neutral CT will be required, if ground fault protection is required, for reference & MRP Please refer page 39.
- MCCB with Ammeter, ZSI & communication feature is also available. For reference & MRP contact nearest Branch Office.
- MCCB for Motor Backup Protection is also available. For prices contact nearest Branch Office.



| Accessories | | | | | | | | | | | [HSN Code: 8536] |
|-------------------------------|------------------|---------|--------------------------|---------|-----------------------|---------|-------------------|---------|---------------------------|---------|------------------|
| Suitable for use on WB2 MCCBs | Shunt Trip (SHT) | MRP (₹) | Under Voltage Trip (UVT) | MRP (₹) | Auxiliary Switch (AX) | MRP (₹) | Alarm Switch (AL) | MRP (₹) | Fault Alarm Switch (FAL)* | MRP (₹) | |
| CD100-CS800 | ST-T(..V) | 4400 | UVT-T(..V) | 6000 | AX-T | 1900 | AL-T | 1900 | FAL-T | 1900 | |

NOTE :

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

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

| Rotary Handle | | | | | | | [HSN Code: 8538] |
|-------------------------------|----------------------|---------|-----------------------------------|---------|------------------------|---------|------------------|
| Suitable for use on WB2 MCCBs | Direct Rotary Handle | MRP (₹) | Direct Rotary Handle with Keylock | MRP (₹) | Extended Rotary Handle | MRP (₹) | |
| CD100 | DH1-S | 2370 | DHK1-S | 6260 | EH1-S | 3570 | |
| CS160, CS250 | DH2-S | 2580 | DHK2-S | 6570 | EH2-S | 4760 | |
| CS400, CS630 | DH3-S | 5070 | DHK3-S | 6890 | EH3-S | 6660 | |
| CS800 | DH4-S | 6060 | DHK4-S | 7180 | EH4-S | 7850 | |

| Mechanical Interlock (Used to prevent mechanically closing together) | | | | | [HSN Code: 8538] |
|--|------------------|---------|------------------|---------|------------------|
| Suitable for use on WB2 MCCBs | 3 Pole Reference | MRP (₹) | 4 Pole Reference | MRP (₹) | |
| CD100 | MIT13 | 11300 | MIT14 | 11850 | |
| CS160, CS250 | MIT23 | 13760 | MIT24 | 14240 | |
| CS400, CS630 | MIT33 | 14600 | MIT34 | 14990 | |
| CS800 | MIT43 | 15630 | MIT44 | 15960 | |

☒ non stockable items.





WiNbreak2 MCCB



| Motor Operator - For remote "ON/OFF" operation only | | [HSN Code: 8538] | |
|---|---|------------------|---------|
| Suitable for MCCB Type | Control Voltage | Reference | MRP (₹) |
| CD100 | <input checked="" type="checkbox"/> 24V DC | MOP1(..V) | 27110 |
| | <input checked="" type="checkbox"/> AC100-240V/DC100-220V | | |
| CS160, CS250 | <input checked="" type="checkbox"/> 24V DC | MOP2(..V) | 36800 |
| | <input checked="" type="checkbox"/> AC110V/DC110V | | |
| | AC230V/DC220V | | |
| CS400, CS630 | <input checked="" type="checkbox"/> 24V DC | MOP3(..V) | 56870 |
| | <input checked="" type="checkbox"/> AC110V/DC110V | | |
| | AC230V/DC220V | | |
| CS800 | <input checked="" type="checkbox"/> 24V DC | MOP4(..V) | 68590 |
| | <input checked="" type="checkbox"/> AC110V/DC110V | | |
| | AC230V/DC220V | | |

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



| Padlocking Device | | [HSN Code: 8538] | | |
|-------------------------------|---|------------------|--|---------|
| Suitable for use on WB2 MCCBs | Fixed Lock | | Removable Lock | |
| | Reference | MRP (₹) | Reference | MRP (₹) |
| CD100 | <input checked="" type="checkbox"/> PHL 1 | 1940 | <input checked="" type="checkbox"/> PL 1 | 1110 |
| CS160, CS250 | <input checked="" type="checkbox"/> PHL 2 | 2130 | <input checked="" type="checkbox"/> PL 2 | 1450 |
| CS400, CS630 | <input checked="" type="checkbox"/> PHL 3 | 3430 | <input checked="" type="checkbox"/> PL 3 | 1760 |
| CS800 | <input checked="" type="checkbox"/> PHL 4 | 3470 | <input checked="" type="checkbox"/> PL 4 | 1840 |

| NCT for WiNbreak2 ETM-Microprocessor (3 Pole MCCB if ground fault facility is required) | | [HSN Code: 8538] | |
|---|---|------------------|--|
| Description | Reference | MRP (₹) | |
| 160/0.1A | <input checked="" type="checkbox"/> NCT-WB2-016 | 7830 | |
| 250/0.1A | <input checked="" type="checkbox"/> NCT-WB2-025 | 8000 | |
| 400/0.1A | <input checked="" type="checkbox"/> NCT-WB2-040 | 8610 | |
| 630/0.1A | <input checked="" type="checkbox"/> NCT-WB2-063 | 9260 | |
| 800/0.1A | NCT-WB2-080 | 9870 | |

| Panel Door Mounted Key Lock for Extended Rotary Handle | | [HSN Code: 8538] | |
|--|---|------------------|--|
| Suitable for WB2 MCCBs | Reference | MRP (₹) | |
| CD100, CS160, CS250 | <input checked="" type="checkbox"/> EXTKLWB2-250AF-T1 | 3410 | |

non stockable items.

WiNbreak MCCB - CS Series

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



| FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit | | | | | | | | [HSN Code: 8536] |
|---|---|----------------------------------|------------------|---------|------------------|---------|------------------|------------------|
| Size | Rated Current (Amps) | Breaking capacity Icu at 415V AC | 2 Pole Reference | MRP (₹) | 3 Pole Reference | MRP (₹) | 4 Pole Reference | MRP (₹) |
| Frame 1 | 10, 16, 20, 25, 30, 32, 40, 50, 60, 63□ | 10kA | ☒CS2A2c* | 3120 | CS2A3c* | 3590 | CS2A4c* | 4930 |
| | 75 | | CS2A2c* | 3260 | CS2A3c* | 3710 | ☒CS2A4c* | 5100 |
| | 80 | | CS2A2c* | 3260 | ☒CS2A3c* | 3710 | CS2A4c* | 5100 |
| | 100 | | CS2A2c* | 3260 | CS2A3c* | 3710 | CS2A4c* | 5100 |
| | 125 | | - | - | CS2A3c* | 5700 | CS2A4c* | 7550 |
| Frame 2 | 16, 20, 25, 30, 32, 40, 50, 60, 63 | 25kA | CS2B2c* | 6840 | CS2B3c* | 7690 | CS2B4c* | 9360 |
| | 75, 80, 100 | | CS2B2c* | 6940 | CS2B3c* | 7920 | CS2B4c* | 9570 |
| Frame 3 | 125, 140, 160# | 18kA | - | - | *CS3A3c* | 12020 | CS3A4c* | 15860 |
| | 200 | | CS3A2* | 11890 | CS3A3c* | 13100 | CS3A4c* | 17130 |
| | 250 | | ☒CS3A2* | 12960 | ☒CS3A3c* | 14650 | CS3A4c* | 18240 |
| | 125, 140, 160# | 25kA | - | - | CS3B3c* | 13960 | CS3B4c* | 18140 |
| | 200 | | ☒CS3B2* | 15620 | CS3B3c* | 16140 | ☒CS3B4c* | 20960 |
| | 250 | | CS3B2* | 20860 | ☒CS3B3c* | 21920 | ☒CS3B4c* | 27370 |

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



| SS Enclosure for WB MCCB | | | | | [HSN Code: 8538] |
|--------------------------|---------------------------|-------------------|-------------------|---------|------------------|
| Size | Suitable for use on MCCBs | Reference* 3 Pole | Reference* 4 Pole | MRP (₹) | |
| Frame 1 | CS2A | ☒CS-CNM0100020 | ☒CS-CNM0100020 | 3980 | |
| Frame 2 | CS2B | CS-CNM0100021 | CS-CNM0100021 | 4010 | |
| Frame 3 | CS3A, CS3B | CS-CNM0100021 | CS-CNM0100021 | 4010 | |

NOTES:

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

| Accessories | | | | | | | | | | | [HSN Code: 8538] |
|---------------------------|------------------|---------|-----------------------|---------|-------------------|---------|----------------------|---------|------------------------|---------|------------------|
| Suitable for use on MCCBs | Shunt Trip (SHT) | MRP (₹) | Auxiliary Switch (AX) | MRP (₹) | Alarm Switch (AL) | MRP (₹) | Direct Rotary Handle | MRP (₹) | Extended Rotary Handle | MRP (₹) | |
| CS2A..c | ST-A(..V) | 2300 | ASW-A(*) | 1280 | ALSW-A(*) | 1280 | D-35S | 1750 | CSE-35S | 1620 | |
| CS2B..c | ST-B(..V) | 2300 | ASW-B(*) | 1280 | ALSW-B(*) | 1280 | D-45S | 1970 | CSE-45S | 1620 | |
| CS3A / CS3B..c | ST-C(..V) | 2300 | ASW-C(*) | 1280 | ALSW-C(*) | 1280 | D-55S | 2100 | CSE-55 | 1800 | |

NOTES:

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

Frame1, Frame2 & Frame3:

Left hand seat - AX or AL

Right hand seat - AX or AL or SHT

Frame 4:

Left hand seat - 2AX, 2AL and SHT

Right hand seat - 2AX, 2AL and SHT

☒ non stockable items.



WiNbreak MCCB - CSC Series

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



| FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit | | | | | | | | [HSN Code: 8536] |
|---|------------------------|----------------------------------|------------------|---------|------------------|---------|------------------|------------------|
| Size | Rated Current (Amps) | Breaking capacity Icu at 415V AC | 2 Pole Reference | MRP (₹) | 3 Pole Reference | MRP (₹) | 4 Pole Reference | MRP (₹) |
| Frame 1 | 15, 20, 30, 40, 50 | 18kA | CSC1S2* | 5490 | - | - | - | - |
| | 60, 75, 100 | | CSC2N2* | 5560 | - | - | - | |
| Frame 3 | 150, 175 | 26kA | CSC4N2* | 13240 | - | - | - | - |
| | 200 | | CSC4N2* | 14940 | - | - | - | |
| | 250 | | CSC4N2* | 19510 | - | - | - | |
| Frame 2 | 15, 20, 30, 40, 50, 60 | 37kA | ☒CSC3S2* | 7260 | - | - | - | - |
| | 75, 100 | | ☒CSC3S2* | 7290 | - | - | - | |
| | 125 | | CSC3S2* | 7480 | - | - | - | |
| Frame 5 | 500, 630 | - | - | - | CSC6N3* | 46390 | CSC6N4* | 53350 |
| | 700, 800 | | - | - | CSC6N3* | 63450 | ☒CSC6N4* | 75770 |
| Frame 4 | 300◆ | 65kA | - | - | CSC5H3* | 45600 | ☒CSC5H4* | 55630 |
| | 350, 400◆ | | - | - | ☒CSC5H3* | 47060 | ☒CSC5H4* | 57410 |
| Frame 5 | 500, 630 | - | - | - | ☒CSC6S3* | 47540 | ☒CSC6S4* | 60680 |
| | 700, 800 | | - | - | CSC6S3* | 68750 | CSC6S4* | 87020 |
| Frame 4 | 300◆ | 85kA | - | - | ☒CSC5L3* | 58400 | CSC5L4* | 81880 |
| | 350, 400◆ | | - | - | CSC5L3* | 59930 | ☒CSC5L4* | 83600 |
| Frame 5 | 500, 630 | - | - | - | CSC6L3* | 85720 | ☒CSC6L4* | 107270 |
| | 700, 800 | | - | - | CSC6L3* | 146380 | CSC6L4* | 164660 |

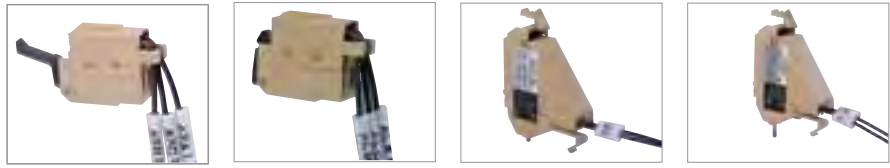
| FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit • Ics=50%Icu | | | | | | | | [HSN Code: 8536] |
|--|----------------------|----------------------------------|------------------|---------|------------------|---------|------------------|------------------|
| Size | Rated Current (Amps) | Breaking capacity Icu at 415V AC | 2 Pole Reference | MRP (₹) | 3 Pole Reference | MRP (₹) | 4 Pole Reference | MRP (₹) |
| Frame 6 | 1000◆ | 65kA | - | - | CSC7S3* | 174100 | ☒CSC7S4* | 217940 |
| | 1200◆ | | - | - | CSC8S3* | 185080 | CSC8S4* | 220770 |
| Frame 6 | 1000◆ | 85kA | - | - | CSC7L3* | 222460 | CSC7L4* | 266540 |
| | 1200◆ | | - | - | CSC8L3* | 258840 | CSC8L4* | 311530 |

- NOTES :**
1. While Ordering, Replace "*" by Current rating.
 2. ◆Spreader Terminals are included as standard packing.
 3. For Spreader Terminals reference & MRP, please refer page 43.

☒non stockable items.



WiNbreak MCCB - CSC Series



| Accessories | | | | | | | | | | [HSN Code: 8538] |
|----------------------------------|------------------|---------|--------------------------|---------|-----------------------|---------|-------------------|---------|------------------------------|------------------|
| Suitable for use on WB-CSC MCCBs | Shunt Trip (SHT) | MRP (₹) | Under Voltage Trip (UVT) | MRP (₹) | Auxiliary Switch (AX) | MRP (₹) | Alarm Switch (AL) | MRP (₹) | Combination Switch (AX + AL) | MRP (₹) |
| CSC1, CSC2, CSC3, CSC4 | STC(...V) | 2150 | UVTC-(...V) | 2520 | AXWC-(*) | 1500 | ALWC-(*) | 1370 | XLC-(*) | 3020 |
| CSC5, CSC6 | ST-6A(...V) | 2870 | UVT-6A(...V) | 3510 | ASW-6A | 2730 | ALSW-6A | 2730 | - | - |
| CSC7, CSC8 | ST-7A(...V) | 14070 | UVT-7A(...V) | 14070 | ASW-7A | 4980 | ALSW-7A | 4760 | - | - |



| Rotary Handle | | | | | | | [HSN Code: 8538] |
|----------------------------------|----------------------|---------|------------------------------------|---------|------------------------|---------|------------------|
| Suitable for use on WB-CSC MCCBs | Direct Rotary Handle | MRP (₹) | Direct Rotary Handle with Key Lock | MRP (₹) | Extended Rotary Handle | MRP (₹) | |
| CSC1, CSC2 | DHC100 | 2650 | ☒ DHCK100 | 5840 | CSE-35S■ | 1620 | |
| | | | | | EHC100 | 4480 | |
| CSC3 | DHC125 | 2730 | ☒ DHCK125 | 6020 | CSE-45S■ | 1620 | |
| | | | | | EHC125 | 4740 | |
| CSC4 | DHC250 | 3230 | ☒ DHCK250 | 6360 | EHC250 | 5240 | |
| CSC5 | N70S | 3750 | - | - | E70U | 6090 | |
| CSC6 | - | - | - | - | E80U | 6770 | |

NOTES:

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

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

☒ non stockable items.



Winbreak MCCB - CSC Series



| Terminal Covers [HSN Code: 8538] | | | | | | |
|----------------------------------|--------------------|---------|--------------|---------|--------------|---------|
| Suitable for use on WB-CSC MCCBs | For Line/Load Side | | | | | |
| | 2P Reference | MRP (₹) | 3P Reference | MRP (₹) | 4P Reference | MRP (₹) |
| CSC1, CSC2 | TCS12 | 480 | TCS13 | 630 | TCS14 | 700 |
| CSC3 | TCS22 | 510 | TCS23 | 900 | TCS24 | 1040 |
| CSC4 | TCS33 | 1070 | TCS33 | 1070 | TCS34 | 1190 |



| Mechanical Interlock [HSN Code: 8538] | | | | |
|---------------------------------------|---------------------------|---------|------------------|---------|
| Suitable for use on MCCBs | Applied between two MCCBs | | | |
| | Reference 3 Pole | MRP (₹) | Reference 4 Pole | MRP (₹) |
| CSC5 | MI43S | 6230 | MI44S | 7760 |
| CSC6 | MI83S | 7760 | MI84S | 9160 |



| Spreader Terminals [HSN Code: 8538] | | | | | | |
|-------------------------------------|--------|------------------------|-------------|---------|----------|--|
| Suitable for use on MCCBs | Pole | Current Rating (A) | Reference | MRP (₹) | MOQ | |
| CSC1, CSC2, CSC3 | 2 Pole | 15, 20, 30, 40, 50, 60 | CSET1022 | 150 | Set of 2 | |
| CSC1, CSC2, CSC3 | 2 Pole | 75, 100, 125 | CSET1022C | 170 | Set of 2 | |
| CSC1, CSC2, CSC3 | 3Pole | 15, 20, 30, 40, 50, 60 | CSET1033 | 200 | Set of 3 | |
| CSC1, CSC2, CSC3 | 3Pole | 75, 100, 125 | CSET1033C | 290 | Set of 3 | |
| CSC1, CSC2, CSC3 | 4 Pole | 15, 20, 30, 40, 50, 60 | CSET1044 | 330 | Set of 4 | |
| CSC1, CSC2, CSC3 | 4 Pole | 75, 100, 125 | CSET1044C | 400 | Set of 4 | |
| CSC4 | 2 Pole | 150, 175, 200 | CSET2022 | 330 | Set of 2 | |
| CSC4 | 2 Pole | 250 | CSET2502-ST | 420 | Set of 2 | |
| CSC4 | 3 Pole | 150, 175, 200 | CSET2033 | 480 | Set of 3 | |
| CSC4 | 3 Pole | 250 | CSET2503-ST | 780 | Set of 3 | |
| CSC4 | 4 Pole | 150, 175, 200 | CSET2044 | 720 | Set of 4 | |
| CSC4 | 4 Pole | 250 | CSET2504-ST | 1020 | Set of 4 | |
| CSC5 | 3 Pole | 300, 350, 400 | CSET4033 | 3440 | Set of 3 | |
| CSC5 | 4 Pole | 300, 350, 400 | CSET4044 | 3490 | Set of 4 | |
| CSC6 | 3 Pole | 500, 630, 700, 800 | CSET8033 | 3410 | Set of 3 | |
| CSC6 | 4 Pole | 500, 630, 700, 800 | CSET8044 | 4150 | Set of 4 | |



| SS Enclosure for WB MCCB [HSN Code: 8538] | | | | |
|---|---------------------------|-------------------|-------------------|---------|
| Size | Suitable for use on MCCBs | 3 Pole Reference* | 4 Pole Reference* | MRP (₹) |
| Frame 1 | CSC1, CSC2 | CS-CNM0100020 | - | 3980 |
| Frame 2 | CSC3 | CS-CNM0100021 | - | 4010 |
| Frame 3 | CSC4 | CS-CNM0100021 | - | 4010 |
| Frame 4 | CSC5 | ENCL-250-400AF3 | ENCL-250-400AF4 | 6230 |
| Frame 5 | CSC6 | CS-CNM0100203 | - | 10450 |
| Frame 6 | CSC7, CSC8 | CS-CNM0100204 | - | 11640 |

NOTES:

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

☒ non stockable items.



Switch Disconnectors at a Glance

Non Modular Range



D Type



K Type



NM Type

Modular Range



DM Type



K Type



P Type



Switch Disconnecter Fuse Unit

Switch Disconnecter Fuse Unit (without Fuse Links)

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




[HSN Code: 8537]

| Size | Rating Amps | Pole | CSSDF in Open Execution | | | | CSSDF in Sheet Steel Enclosure | | | | Recommended Fuse Links Type (IEC Size) | |
|---------|-------------|------|-------------------------|---------|---------------|---------|--------------------------------|---------|-----------------|---------|--|--------------|
| | | | Reference | MRP (₹) | Reference | MRP (₹) | Reference | MRP (₹) | Reference | MRP (₹) | DIN | BS |
| | | | DIN | | BS | | DIN | | BS | | | |
| Frame 1 | 32A | 2P | CSSDF32D2 | 2470 | CSSDF32B2 | 3000 | | | | | CDFL00 32 | CTIA-32(A2) |
| | | TP | CSSDF32D3 | 2950 | CSSDF32B3 | 3080 | ☒E-CSSDF32D3 | 5660 | E-CSSDF32B3 | 5880 | | |
| | | TPN | CSSDF32D3N | 3150 | CSSDF32B3N | 3160 | E-CSSDF32D3N | 5880 | E-CSSDF32B3N | 5990 | | |
| | | 4P | ☒CSSDF32D4FN | 3630 | ☒CSSDF32B4FN | 3420 | E-CSSDF32D4FN | 6410 | ☒E-CSSDF32B4FN | 6500 | | |
| Frame 1 | 63A | 2P | CSSDF63D2 | 3630 | CSSDF63B2 | 3480 | | | | | CDFL00 63 | CSTIS-63(A3) |
| | | TP | CSSDF63D3 | 3790 | CSSDF63B3 | 3740 | ☒E-CSSDF63D3 | 6690 | E-CSSDF63B3 | 6750 | | |
| | | TPN | CSSDF63D3N | 3850 | CSSDF63B3N | 4020 | E-CSSDF63D3N | 7240 | E-CSSDF63B3N | 7350 | | |
| | | 4P | CSSDF63D4FN | 4230 | CSSDF63B4FN | 4370 | E-CSSDF63D4FN | 7530 | ☒E-CSSDF63B4FN | 7550 | | |
| Frame 2 | 100A | 2P | CSSDF100D2 | 6300 | CSSDF100B2 | 7270 | | | | | CSDFL00 100 | CTCP-100(A4) |
| | | TP | CSSDF100D3 | 7620 | CSSDF100B3 | 8400 | E-CSSDF100D3 | 11210 | E-CSSDF100B3 | 11470 | | |
| | | TPN | CSSDF100D3N | 8150 | CSSDF100B3N | 8550 | E-CSSDF100D3N | 11910 | E-CSSDF100B3N | 11570 | | |
| | | 4P | CSSDF100D4FN | 9600 | ☒CSSDF100B4FN | 10150 | E-CSSDF100D4FN | 13550 | ☒E-CSSDF100B4FN | 14130 | | |
| Frame 2 | 125A | 2P | CSSDF125D2 | 7630 | CSSDF125B2 | 7750 | | | | | CSDFL00 125 | CTCP-125(A4) |
| | | TP | CSSDF125D3 | 8150 | ☒CSSDF125B3 | 8460 | ☒E-CSSDF125D3 | 12860 | E-CSSDF125B3 | 12690 | | |
| | | TPN | CSSDF125D3N | 8960 | CSSDF125B3N | 9150 | E-CSSDF125D3N | 13370 | E-CSSDF125B3N | 14300 | | |
| | | 4P | CSSDF125D4FN | 11120 | CSSDF125B4FN | 11110 | ☒E-CSSDF125D4FN | 14610 | ☒E-CSSDF125B4FN | 15160 | | |
| Frame 2 | 160A | 2P | ☒CSSDF160D2 | 9300 | CSSDF160B2 | 9600 | | | | | CSDFL00 160 | CTF-160(B2) |
| | | TP | CSSDF160D3 | 10340 | ☒CSSDF160B3 | 10680 | E-CSSDF160D3 | 14550 | E-CSSDF160B3 | 14720 | | |
| | | TPN | CSSDF160D3N | 10530 | CSSDF160B3N | 11780 | E-CSSDF160D3N | 15670 | ☒E-CSSDF160B3N | 16230 | | |
| | | 4P | ☒CSSDF160D4FN | 12550 | ☒CSSDF160B4FN | 13890 | E-CSSDF160D4FN | 19480 | E-CSSDF160B4FN | 21490 | | |
| Frame 3 | 200A | 2P | CSSDF200D2 | 11360 | CSSDF200B2 | 11950 | | | | | CDFL1 200 / CSDFL1 200 | CTF-200(B2) |
| | | TP | CSSDF200D3 | 12300 | ☒CSSDF200B3 | 12890 | ☒E-CSSDF200D3 | 16760 | E-CSSDF200B3 | 19950 | | |
| | | TPN | CSSDF200D3N | 13830 | CSSDF200B3N | 13830 | E-CSSDF200D3N | 18140 | E-CSSDF200B3N | 21000 | | |
| | | 4P | CSSDF200D4FN | 14690 | CSSDF200B4FN | 15820 | ☒E-CSSDF200D4FN | 20980 | E-CSSDF200B4FN | 22070 | | |
| Frame 3 | 250A | 2P | CSSDF250D2 | 12900 | ☒CSSDF250B2 | 13290 | | | | | CDFL1 250/ CSDFL1 250 | CTKF(B3) |
| | | TP | CSSDF250D3 | 14920 | CSSDF250B3 | 15330 | ☒E-CSSDF250D3 | 19470 | E-CSSDF250B3 | 21000 | | |
| | | TPN | CSSDF250D3N | 14990 | CSSDF250B3N | 15510 | E-CSSDF250D3N | 20250 | E-CSSDF250B3N | 21620 | | |
| | | 4P | CSSDF250D4FN | 16820 | CSSDF250B4FN | 17250 | ☒E-CSSDF250D4FN | 23570 | E-CSSDF250B4FN | 24090 | | |
| Frame 3 | 315A | 2P | CSSDF315D2 | 15160 | CSSDF315B2 | 15910 | | | | | CDFL2 315/ CSDFL2 315 | CTKF-315(B3) |
| | | TP | CSSDF315D3 | 19380 | CSSDF315B3 | 19620 | E-CSSDF315D3 | 24220 | E-CSSDF315B3 | 25440 | | |
| | | TPN | CSSDF315D3N | 19950 | CSSDF315B3N | 20020 | E-CSSDF315D3N | 24470 | E-CSSDF315B3N | 25650 | | |
| | | 4P | | 23010 | CSSDF315B4FN | 21750 | ☒E- | 32060 | E-CSSDF315B4FN | 34620 | | |
| Frame 3 | 400A | 2P | ☒CSSDF400D2 | 19550 | CSSDF400B2 | 20300 | | | | | CDFL2 400/ CSDFL2 400 | CTMF-400(B4) |
| | | TP | CSSDF400D3 | 23190 | ☒CSSDF400B3 | 24360 | ☒E-CSSDF400D3 | 29600 | E-CSSDF400B3 | 30870 | | |
| | | TPN | CSSDF400D3N | 23890 | CSSDF400B3N | 24640 | E-CSSDF400D3N | 29820 | E-CSSDF400B3N | 31080 | | |
| | | 4P | CSSDF400D4FN | 26660 | CSSDF400B4FN | 28880 | ☒E-CSSDF400D4FN | 33790 | E-CSSDF400B4FN | 37220 | | |
| Frame 4 | 630A | 2P | CSSDF630D2 | 33090 | ☒CSSDF630B2 | 29470 | | | | | CDFL3 630 | CTTM-630(C2) |
| | | TP | CSSDF630D3 | 40650 | ☒CSSDF630B3 | 41820 | E-CSSDF630D3 | 43560 | E-CSSDF630B3 | 48300 | | |
| | | TPN | CSSDF630D3N | 42000 | CSSDF630B3N | 42350 | E-CSSDF630D3N | 45790 | ☒E-CSSDF630B3N | 52160 | | |
| | | 4P | CSSDF630D4FN | 46520 | CSSDF630B4FN | 49910 | ☒E-CSSDF630D4FN | 55810 | E-CSSDF630B4FN | 59380 | | |
| Frame 4 | 800A | 2P | CSSDF800D2 | 44180 | CSSDF800B2 | 41100 | | | | | - | CTLM-800(C3) |
| | | TP | ☒CSSDF800D3 | 48100 | CSSDF800B3 | 52080 | E-CSSDF800D3 | | E-CSSDF800B3 | | | |
| | | TPN | CSSDF800D3N | 49350 | CSSDF800B3N | 54600 | ☒E-CSSDF800D3N | POR | ☒E-CSSDF800B3N | POR | | |
| | | 4P | ☒CSSDF800D4FN | 56620 | CSSDF800B4FN | 61690 | E-CSSDF800D4FN | | E-CSSDF800B4FN | | | |

☒ non stockable items.

Accessories Switch Disconnecter Fuse Unit






| Key Interlocks (3 Locks - 2 Keys) | | [HSN Code: 8538] |
|-----------------------------------|--|------------------|
| For Switch Type | Reference | MRP (₹) |
| CSSDF 32A - 160A |  CSSDFZW-16 | 4970 |
| CSSDF 200A - 800A | CSSDFZW-5 | 5580 |



| Castle Key Locks | | [HSN Code: 8538] |
|-------------------|------------|------------------|
| For Switch Type | Reference | MRP (₹) |
| CSSDF 32A - 160A | CSSDFZW-15 | 6370 |
| CSSDF 200A - 800A | CSSDFZW-4 | 6700 |



| Auxiliary Contacts | | [HSN Code: 8538] |
|---|--|------------------|
| For Switch Type | Reference | MRP (₹) |
| 1 NO + 1 NC CSSDF 32A - 63A for 3P | CSSDFZX46 | 850 |
| 2 NO + 2 NC CSSDF 32A - 63A for 3P | CSSDFZX32 | 1560 |
| 1 NO + 1 NC CSSDF 32A - 63A for 2P & 4P | CSSDFZX46B | 850 |
| 2 NO + 2 NC CSSDF 32A - 63A for 2P & 4P |  CSSDFZX32B | 1560 |
| 1 NO + 1 NC CSSDF 100A - 160A | CSSDFZX1 | 850 |
| 2 NO + 2 NC CSSDF 100A - 160A |  CSSDFZX16 | 1560 |
| 1 NO + 1 NC CSSDF 200A - 400A | CSSDFZX33 | 1020 |
| 2 NO + 2 NC CSSDF 200A - 400A | CSSDFZX34 | 1890 |
| 1 NO + 1 NC CSSDF 630A - 800A | CSSDFZX35 | 1020 |
| 2 NO + 2 NC CSSDF 630A - 800A |  CSSDFZX36 | 1560 |



| Handle Mounting Kit (for independent mounting of O/E Switches) | | [HSN Code: 8538] |
|--|-----------|------------------|
| For Switch Type | Reference | MRP (₹) |
| CSSDF 200A - 400A | HMK-1-2 | 2170 |
| CSSDF 630A - 800A | HMK-3-2 | 2290 |



| Extended Terminals | | | | | | | [HSN Code: 8538] |
|--------------------|-----|--------|------|----|--------|------|------------------|
| For Switch Type | TPN | ET-323 | 560 | 4P | ET-324 | 670 | |
| 32A-63A | TPN | ET-323 | 560 | 4P | ET-324 | 670 | |
| 100A-160A | TPN | ET-327 | 1400 | 4P | ET-328 | 1990 | |
| 200A-400A | TPN | ET-329 | 4080 | 4P | ET-330 | 4970 | |











| Spare Handle | | [HSN Code: 8538] |
|---------------------------|------------|------------------|
| For Switch Type | Reference | MRP (₹) |
| CSSDF 32A-160A (Moulded) | CSWH80S6 | 890 |
| CSSDF 200A-400A (Moulded) | CSWH145S12 | 1540 |
| CSSDF 630A-800A (Moulded) | CSWH220S12 | 1960 |



| Spare Handle Shaft | | [HSN Code: 8538] |
|--------------------|-----------|------------------|
| For Switch Type | Reference | MRP (₹) |
| CSSDF 32A-160A | CSP6x165 | 400 |
| CSSDF 200A-800A | CSP12x255 | 690 |



| Spare Neutral Links | | [HSN Code: 8538] |
|---------------------|---|------------------|
| For Switch Type | Reference | MRP (₹) |
| CSSDF 32A-63A | CSSDFZX87 | 540 |
| CSSDF 100A-160A | CSSDFZX86 | 660 |
| CSSDF 200A-400A | CSSDFZX85 | 1130 |
| CSSDF 630A-800A |  CSSDFZX88 | 1300 |

| Spare Poles (Price per Pole) | | | [HSN Code: 8538] |
|------------------------------|---|---|------------------|
| Rating (Amps) | Reference | | MRP (₹) |
| | DIN | BS | |
| 32 |  CSSDF-SP-32D | CSSDF-SP-32B | 1530 |
| 63 | CSSDF-SP-63D | CSSDF-SP-63B | 1910 |
| 100 | CSSDF-SP-100D | CSSDF-SP-100B | 3720 |
| 125 |  CSSDF-SP-125D | CSSDF-SP-125B | 4060 |
| 160 |  CSSDF-SP-160D | CSSDF-SP-160B | 4750 |
| 200 |  CSSDF-SP-200D | CSSDF-SP-200B | 5510 |
| 250 | CSSDF-SP-250D | CSSDF-SP-250B | 7520 |
| 315 | CSSDF-SP-315D | CSSDF-SP-315B | 8420 |
| 400 |  CSSDF-SP-400D | CSSDF-SP-400B | 10810 |
| 630 |  CSSDF-SP-630D | CSSDF-SP-630B | 15380 |
| 800 | CSSDF-SP-800D |  CSSDF-SP-800B | 18760 |

 non stockable items.



Switch Disconnecter

Switch Disconnectors (Load Break Switches)

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



[HSN Code: 8536]

| Size | Rating Amps | Pole | CSSD In Open Execution | | In Sheet Steel Enclosure | | |
|-----------|-------------|------|------------------------|-------------|--------------------------|---------------|-------|
| | | | Reference | MRP (₹) | Reference | MRP (₹) | |
| D-Series | Frame 1 | 25 | 3 | CSSD25D3 | 2120 | ☒E-CSSD25D3 | 4620 |
| | | | 4 | ☒CSSD25D4 | 2800 | E-CSSD25D4 | 5030 |
| | Frame 1 | 40 | 3 | CSSD40D3 | 2270 | E-CSSD40D3 | 5320 |
| | | | 4 | CSSD40D4 | 4410 | ☒E-CSSD40D4 | 5810 |
| | Frame 2 | 63 | 3 | CSSD63K3 | 3010 | ☒E-CSSD63K3 | 6340 |
| | Frame 3 | | 4 | CSSD63D4 | 4810 | ☒E-CSSD63D4 | 7610 |
| Frame 3 | 125 | 3 | CSSD125D3 | 6760 | E-CSSD125D3 | 10640 | |
| Frame 3 | | 4 | CSSD125D4 | 8220 | ☒E-CSSD125D4 | 11810 | |
| NM-Series | Frame 1 | 125 | 3 | CSSD125NM3 | 7930 | E-CSSD125NM3 | 11720 |
| | | | 4 | CSSD125NM4 | 9770 | E-CSSD125NM4 | 14460 |
| | Frame 1 | 160 | 3 | ☒CSSD160NM3 | 8840 | E-CSSD160NM3 | 13080 |
| | | | 4 | ☒CSSD160NM4 | 10520 | E-CSSD160NM4 | 15590 |
| | Frame 1 | 200 | 3 | ☒CSSD200NM3 | 11290 | E-CSSD200NM3 | 14670 |
| | | | 4 | CSSD200NM4 | 14640 | E-CSSD200NM4 | 19040 |
| | Frame 1 | 250 | 3 | CSSD250NM3 | 11420 | E-CSSD250NM3 | 16910 |
| | | | 4 | CSSD250NM4 | 15840 | ☒E-CSSD250NM4 | 23470 |
| | ☀Frame 2 | 315 | 3 | CSSD315NM3 | 14890 | E-CSSD315NM3 | POR |
| | | | 4 | CSSD315NM4 | 16070 | E-CSSD315NM4 | |
| ☀Frame 2 | 400 | 3 | CSSD400NM3 | 17840 | E-CSSD400NM3 | | |
| | | 4 | CSSD400NM4 | 21640 | E-CSSD400NM4 | | |

NOTE:

1. Rotary Handle with door defeat Mechanism / Pistol grip handle is available only for 25-63A.
2. Switch Disconnecter with Direct Handle and Extended Terminals are also available. Please contact nearest Branch Office for prices.
3. ☒non stockable items.



Switch Disconnecter

Switch Disconnectors (Load Break Switches)

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



| Size | Rating Amps | Pole | CSSD In Open Execution [HSN Code: 8536] | | In Sheet Steel Enclosure [HSN Code: 8536] | | |
|-----------|-------------|------|---|-------------|---|--------------|--------|
| | | | Reference | MRP (₹) | Reference | MRP (₹) | |
| DM-Series | Frame 4 | 125 | 3 | CSSD125DM3 | 8890 | E-CSSD125DM3 | 12000 |
| | | 4 | CSSD125DM4 | 11010 | ☒E-CSSD125DM4 | 14860 | |
| | Frame 5 | 160 | 3 | CSSD160DM3 | 10170 | E-CSSD160DM3 | 13430 |
| | | | 4 | CSSD160DM4 | 11750 | E-CSSD160DM4 | 16150 |
| | Frame 5 | 200 | 3 | CSSD200DM3 | 12600 | E-CSSD200DM3 | 17150 |
| | | | 4 | CSSD200DM4 | 18730 | E-CSSD200DM4 | 22290 |
| | Frame 5 | 250 | 3 | CSSD250DM3 | 15370 | E-CSSD250DM3 | 20250 |
| | | | 4 | CSSD250DM4 | 19000 | E-CSSD250DM4 | 23690 |
| | Frame 5 | 315 | 3 | CSSD315DM3 | 17840 | E-CSSD315DM3 | 22160 |
| | | | 4 | CSSD315DM4 | 21690 | E-CSSD315DM4 | 25760 |
| | Frame 5 | 400 | 3 | CSSD400DM3 | 21620 | E-CSSD400DM3 | 26260 |
| | | | 4 | CSSD400DM4 | 25220 | E-CSSD400DM4 | 31110 |
| K-Series | Frame 6 | 630 | 3 | CSSD630K3 | 32040 | E-CSSD630K3 | 37510 |
| | | | 4 | CSSD630K4 | 37580 | E-CSSD630K4 | 43580 |
| | Frame 6 | 800 | 3 | CSSD800K3 | 37820 | E-CSSD800K3 | 43870 |
| | | | 4 | CSSD800K4 | 41700 | E-CSSD800K4 | 52770 |
| P-Series | Frame 7 | 1000 | 3 | ☒CSSD1000P3 | 43130 | E-CSSD1000P3 | 70910 |
| | | | 4 | CSSD1000P4 | 61490 | E-CSSD1000P4 | 93270 |
| | Frame 7 | 1250 | 3 | ☒CSSD1250P3 | 63910 | E-CSSD1250P3 | 86910 |
| | | | 4 | ☒CSSD1250P4 | 84450 | E-CSSD1250P4 | 114320 |
| | Frame 7 | 1600 | 3 | ☒CSSD1600P3 | 80030 | E-CSSD1600P3 | 108840 |
| | | | 4 | ☒CSSD1600P4 | 106700 | E-CSSD1600P4 | 145110 |
| | Frame 8 | 2000 | 3 | CSSD2000P3 | 160140 | E-CSSD2000P3 | 210150 |
| | | | 4 | CSSD2000P4 | 181920 | E-CSSD2000P4 | 234740 |
| | Frame 8 | 2500 | 3 | CSSD2500P3 | 179110 | E-CSSD2500P3 | 233220 |
| | | | 4 | CSSD2500P4 | 203550 | E-CSSD2500P4 | 260550 |
| | Frame 8 | 3150 | 3 | CSSD3150P3 | 226030 | E-CSSD3150P3 | 312750 |
| | | | 4 | CSSD3150P4 | 256850 | E-CSSD3150P4 | 363180 |

☒ non stockable items.

NOTES:

'K' series from 1000A to 3150A in open execution is also available on special request for retrofit orders only. For price, please contact nearest Branch Office.
 Handle colour: Red Knob and Yellow Base (standard) Black Base and Knob on request. ■ upto 800A



Switch Disconnecter

Switch Disconnectors (Moulded construction)



| Accessories | | [HSN Code: 8538] | | |
|---|-------------|--|----------------|------|
| For Switch Type | Reference | MRP (₹) | | |
| Key Interlocks (3 Locks - 2 Keys) | | | | |
| CSSD 125A-160A | CSSDZW - 16 | 6680 | | |
| CSSD 200A-3150A | CSSDZW - 5 | | | |
| Castle Key Locks | | | | |
| CSSD 25A-160A | CSSDZW - 15 | 5620 | | |
| CSSD 200A-3150A | CSSDZW - 4 | | | |
| Auxiliary Contacts | | | | |
| 1 NO+1 NC CSSD 25A-40A | 3 | <input checked="" type="checkbox"/> CSSDZX49 | 880 | |
| 2 NO+2 NC CSSD 25A-40A | 3 | <input checked="" type="checkbox"/> CSSDZX50 | 1650 | |
| 1 NO+1 NC CSSD 25A-40A | 4 | CSSDZX87 | 880 | |
| 2 NO+2 NC CSSD 25A-40A | 4 | <input checked="" type="checkbox"/> CSSDZX88 | 1650 | |
| 1 NO+1 NC CSSD 63A | 3 | <input checked="" type="checkbox"/> CSSDZX79 | 880 | |
| 2 NO+2 NC CSSD 63A | 3 | <input checked="" type="checkbox"/> CSSDZX80 | 1650 | |
| 1 NO+1 NC CSSD 125A | 3 | <input checked="" type="checkbox"/> CSSDZX52 | 880 | |
| 2 NO+2 NC CSSD 125A | 3 | <input checked="" type="checkbox"/> CSSDZX53 | 1650 | |
| 1 NO+1 NC CSSD 63A-125A | 4 | <input checked="" type="checkbox"/> CSSDZX55 | 880 | |
| 2 NO+2 NC CSSD 63A-125A | 4 | <input checked="" type="checkbox"/> CSSDZX56 | 1650 | |
| 1 NO+1 NC CSSD 125A-160A (DM) | 3/4 | <input checked="" type="checkbox"/> CSSDZX1 | 1650 | |
| 2 NO+2 NC CSSD 125A-160A (DM) | 3/4 | CSSDZX16 | | |
| 1 NO+1 NC CSSD 200A-400A (DM) | 3/4 | CSSDZX37 | | |
| 2 NO+2 NC CSSD 200A-400A (DM) | 3/4 | CSSDZX38 | | |
| 1 NO+1 NC CSSD 630A-800A | 3/4 | <input checked="" type="checkbox"/> CSSDZX33 | | |
| 2 NO+2 NC CSSD 630A-800A | 3/4 | <input checked="" type="checkbox"/> CSSDZX34 | | |
| 1 NO+1 NC CSSD 1000A-3150A | 3/4 | CSSDZX35 | | |
| 2 NO+2 NC CSSD 1000A-3150A | 3/4 | <input checked="" type="checkbox"/> CSSDZX36 | | |
| Handle Mounting Kit (for independent mounting of O/E Switches) | | | | |
| CSSD 200A-400A (Compact Series) | | HMK-2 | | 2180 |
| CSSD 630A-800A | | HMK-1-1 | 2200 | |
| CSSD 1000A-1600A | | HMK-3-1 | 2350 | |
| Extended Terminals | | | | |
| 125A | TPN | ET-325 710 | 4P ET-326 770 | |
| 100A-160A | TPN | ET-327 1270 | 4P ET-328 1810 | |
| 200A-400A | TPN | ET-329 3710 | 4P ET-330 4520 | |
| Rotary Knob Handles | | | | |
| CSSD 25A-125A (Moulded-Red/Yellow) | | <input checked="" type="checkbox"/> CSSDZX108 | 540 | |
| CSSD 25A-125A (Moulded-Black) | | CSSDZX111BL | | |
| Switch Handles | | | | |
| CSSD 200A-800A (Moulded) | | CSWH145S12 | 1540 | |
| CSSD 1000A-1600A (Moulded) | | CSWH220S12 | 1960 | |
| CSSD 2500A-3150A (Metallic) | | CSDA8 | 2310 | |
| CSSD 125A-160A (Moulded) | | CSWH80S6 | 890 | |
| CSSD 200A-315A (Moulded) | | <input checked="" type="checkbox"/> CSWH80S8 | | |
| Switch Handle Shaft | | | | |
| CSSD 25A-125A | | <input checked="" type="checkbox"/> CSP5X70 | 610 | |
| CSSD 125A-160A (DM) | | CAP6X165 | 400 | |
| CSSD 200A-400A (DM) | | <input checked="" type="checkbox"/> CSP8X240 | | |
| CSSD 630A-1600A | | CSP12X255 | 690 | |
| CSSD 2500A-3150A | | CSP12X325 | 840 | |
| Switch Poles (Price per Pole) | | | | |
| 125A | | CSSD-SP-125DM | 2110 | |
| 160A | | CSSD-SP-160DM | 2110 | |
| 200A | | <input checked="" type="checkbox"/> CSSD-SP200DM | 2810 | |
| 250A | | <input checked="" type="checkbox"/> CSSD-SP250DM | 3750 | |
| 315A | | <input checked="" type="checkbox"/> CSSD-SP315DM | 5460 | |
| 400A | | <input checked="" type="checkbox"/> CSSD-SP400DM | 10530 | |
| 630A | | CSSD-SP630K | 12070 | |
| 800A | | <input checked="" type="checkbox"/> CSSD-SP800K | 15910 | |
| 1000A | | CSSD-SP1000P | 24130 | |
| 1250A | | CSSD-SP1250P | 28780 | |
| 1600A | | CSSD-SP1600P | 30230 | |

non stockable items.



Changeover Switch

On Load Changeover Switches

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



| In Open Execution [HSN Code: 8536] | | | | | |
|------------------------------------|---------------|------|-----------|---------------|--------|
| Size | Rating (Amps) | Pole | Reference | MRP (₹) | |
| NM-Series | Frame 1 | 63 | 4 | CSCS63NM4CO | 7480 |
| | Frame 1 | 100 | 4 | CSCS100NM4CO | 9930 |
| | Frame 2 | 125 | 4 | CSCS125NM4CO | 14510 |
| | Frame 2 | 160 | 4 | CSCS160NM4CO | 15950 |
| | Frame 2 | 200 | 4 | CSCS200NM4CO | 19180 |
| | Frame 2 | 250 | 4 | CSCS250NM4CO | 28790 |
| DM-Series | Frame 2 | 315 | 4 | CSCS315DM4CO | 30010 |
| | Frame 2 | 400 | 4 | CSCS400DM4CO | 43970 |
| K-Series | Frame 3 | 630 | 4 | CSCS630K4CO | 51310 |
| | Frame 3 | 800 | 4 | CSCS800K4CO | 73000 |
| P-Series | Frame 4 | 1000 | 4 | ☒CSCS1000P4CO | 129680 |
| | Frame 4 | 1250 | 4 | ☒CSCS1250P4CO | 175320 |
| | Frame 4 | 1600 | 4 | ☒CSCS1600P4CO | 222050 |
| | Frame 5 | 2000 | 4 | ☒CSCS2000P4CO | 320870 |
| | Frame 5 | 2500 | 4 | ☒CSCS2500P4CO | 425080 |
| | Frame 5 | 3150 | 4 | ☒CSCS3150P4CO | 585830 |

| In Sheet Steel Enclosure [HSN Code: 8536] | | | | | |
|---|---------------|------|-----------|-----------------|--------|
| Size | Rating (Amps) | Pole | Reference | MRP (₹) | |
| NM-Series | Frame 1 | 63 | 4 | E-CSCS63NM4CO | 10520 |
| | Frame 1 | 100 | 4 | E-CSCS100NM4CO | 13240 |
| | Frame 2 | 125 | 4 | E-CSCS125NM4CO | 19300 |
| | Frame 2 | 160 | 4 | E-CSCS160NM4CO | 21010 |
| | Frame 2 | 200 | 4 | E-CSCS200NM4CO | 24310 |
| | Frame 2 | 250 | 4 | E-CSCS250NM4CO | 36760 |
| DM-Series | Frame 2 | 315 | 4 | E-CSCS315DM4CO | 37980 |
| | Frame 2 | 400 | 4 | E-CSCS400DM4CO | 55930 |
| K-Series | Frame 3 | 630 | 4 | E-CSCS630K4CO | 64400 |
| | Frame 3 | 800 | 4 | E-CSCS800K4CO | 96050 |
| P-Series | Frame 4 | 1000 | 4 | ☒E-CSCS1000P4CO | 167330 |
| | Frame 4 | 1250 | 4 | ☒E-CSCS1250P4CO | 217110 |
| | Frame 4 | 1600 | 4 | ☒E-CSCS1600P4CO | 282370 |
| | Frame 5 | 2000 | 4 | ☒E-CSCS2000P4CO | 398570 |
| | Frame 5 | 2500 | 4 | ☒E-CSCS2500P4CO | 510000 |
| | Frame 5 | 3150 | 4 | ☒E-CSCS3150P4CO | 691280 |

☒ non stockable items.

NOTES:

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

- Upto 800A



Changeover Switch

| Accessories [HSN Code: 8538] | | |
|--|--------------|---------|
| Auxiliary Contacts for NM Type Changeover | | |
| Description | Reference | MRP (₹) |
| 1NO +1NC for 63~100A | CSCONM1AUX10 | 750 |
| 1NO +1NC for 125~250A | CSCONM2AUX10 | |

| Direct handle Mounting Kit for NM Type Changeover [HSN Code: 8538] | | |
|--|-------------|---------|
| Rating (Amps) | Reference | MRP (₹) |
| 63~100A | ☒CSCONM1HMB | 610 |
| 125~250A | ☒CSCONM2HMB | 750 |

| Switch Handle Shaft for NM Type Changeover [HSN Code: 8538] | | |
|---|-------------|---------|
| Rating (Amps) | Reference | MRP (₹) |
| 63~100A | ☒CSPNM18X80 | 430 |
| 125~250A | CSPNM28X110 | 560 |

| Handle Sub Assembly for NM Type Changeover [HSN Code: 8538] | | |
|---|----------------|---------|
| Rating (Amps) | Reference | MRP (₹) |
| 63~100A | CSCONM1H80S8 | 840 |
| 125~250A | ☒CSCONM2H145S8 | 1210 |

Bypass Switches

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

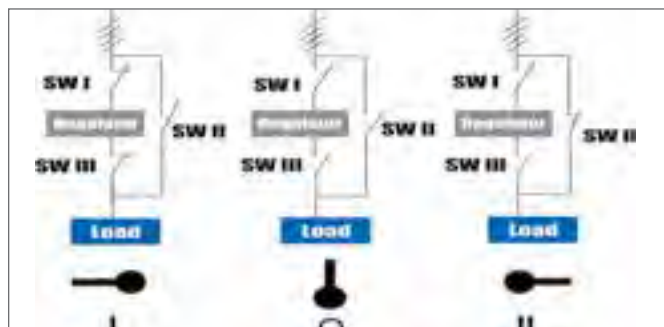
| In Open Execution | | | | [HSN Code: 8536] |
|-------------------|---------------|------|------------|------------------|
| Size | Rating (Amps) | Pole | Reference | MRP (₹) |
| Frame 1 | 63 | 4 | CSBS63DM4 | 20110 |
| | 80 | 4 | CSBS80DM4 | 24570 |
| | 100 | 4 | CSBS100DM4 | 25620 |
| | 125 | 4 | CSBS125DM4 | 28190 |
| | 160 | 4 | CSBS160DM4 | 33320 |
| Frame 2 | 200 | 4 | CSBS200DM4 | 34060 |
| | 250 | 4 | CSBS250DM4 | 51840 |
| | 315 | 4 | CSBS315DM4 | 53810 |
| | 400 | 4 | CSBS400K4 | 76000 |
| Frame 3 | 630 | 4 | CSBS630K4 | 90920 |
| | 800 | 4 | CSBS800K4 | 114050 |
| Frame 4 | 1000 | 4 | CSBS1000P4 | 212700 |
| | 1250 | 4 | CSBS1250P4 | 292120 |
| | 1600 | 4 | CSBS1600P4 | 391950 |

| In Sheet Steel Enclosure | | | | [HSN Code: 8536] |
|--------------------------|---------------|------|--------------|------------------|
| Size | Rating (Amps) | Pole | Reference | MRP (₹) |
| Frame 1 | 63 | 4 | E-CSBS63DM4 | 28630 |
| | 80 | 4 | E-CSBS80DM4 | 30660 |
| | 100 | 4 | E-CSBS100DM4 | 31460 |
| | 125 | 4 | E-CSBS125DM4 | 35850 |
| | 160 | 4 | E-CSBS160DM4 | 38690 |
| Frame 2 | 200 | 4 | E-CSBS200DM4 | 43750 |
| | 250 | 4 | E-CSBS250DM4 | 62900 |
| | 315 | 4 | E-CSBS315DM4 | 67280 |
| | 400 | 4 | E-CSBS400K4 | 94150 |
| Frame 3 | 630 | 4 | E-CSBS630K4 | 107640 |
| | 800 | 4 | E-CSBS800K4 | 159460 |
| Frame 4 | 1000 | 4 | E-CSBS1000P4 | 262660 |
| | 1250 | 4 | E-CSBS1250P4 | 354600 |
| | 1600 | 4 | E-CSBS1600P4 | 477140 |

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 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 |



Bypass Switches

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

Accessories for Changeover -Type DM/K/P

| Auxiliary Contacts | | | | [HSN Code: 8538] |
|------------------------|--|-------------|------------|------------------|
| Contacts Configuration | For Switch Type | Qty./Switch | Reference | MRP (₹) |
| 1NO+1NC | CSCS/CSBS 63A-160A Upper CSCF 125A-160A | 1 | ☒CSCSZX1-U | 830 |
| 1NO+1NC | CSCS/CSBS 63A-160A Lower CSCF 125A-160A | 1 | ☒CSCSZX1-L | 830 |
| 2NO+2NC | CSCS/CSBS 63A-160A Upper CSCF 125A-160A | 1 | ☒CSCSZX3-U | 1610 |
| 2NO+2NC | CSCS/CSBS 63A-160A Lower CSCF 125A-160A | 1 | CSCSZX3-L | 1610 |
| 1NO+1NC | CSCS/CSBS 200A-1600A CSCF 200A-800A | 2 | CSCSZX2 | 1660 |
| 2NO+2NC | CSCS/CSBS 200A-1600A CSCF 200A-800A | 2 | CSCSZX4 | 3220 |

NOTES: If changeovers switch is required with Auxiliary contacts, please order the same separately. Prices listed are for the pair of auxiliary contacts, if applicable.

| Spare Poles (Price per Pole) | | | | [HSN Code: 8538] |
|------------------------------|----------------|---------------|---------|------------------|
| Rating (Amps) | Type | Reference | MRP (₹) | |
| 63 | CSCS/CSBS | CSSD-SP-63DM | 1840 | |
| 80 | CSCS/CSBS | CSSD-SP-80DM | 1890 | |
| 100 | CSCS/CSBS | CSSD-SP-100DM | 2050 | |
| 125 | CSCS/CSBS/CSCF | CSSD-SP-125DM | 2120 | |
| 160 | CSCS/CSBS/CSCF | CSSD-SP-160DM | 2120 | |
| 200 | CSCS/CSBS/CSCF | CSSD-SP200DM | 2830 | |
| 250 | CSCS/CSBS/CSCF | CSSD-SP250DM | 3800 | |
| 315 | CSCS/CSBS/CSCF | CSSD-SP315DM | 5510 | |
| 400 | CSCS/CSBS/CSCF | CSCS-SP400DM | 10600 | |
| 630 | CSCS/CSBS/CSCF | CSCS-SP630K | 12030 | |
| 800 | CSCS/CSBS/CSCF | CSCS-SP800K | 16020 | |
| 1000 | CSCS/CSBS | ☒CSCS-SP1000P | 24090 | |
| 1250 | CSCS/CSBS | ☒CSCS-SP1250P | 30160 | |
| 1600 | CSCS/CSBS | ☒CSCS-SP1600P | 34730 | |

NOTES: For one changeover of 4 pole, 8 Nos of sparepoles are required.

| Spare Handle | | | [HSN Code: 8538] |
|-----------------------------------|------------|---------|------------------|
| Rating (Amps) | Reference | MRP (₹) | |
| CSCS/CSBS 63-315A/CSCF125-315A | CCOH145S8 | 1650 | |
| CSCS/CSBS 400A-1600A/CSCF400-800A | CCOH220S12 | 1670 | |
| CSCS 2000A-3150A (Metallic) | CSDA6 | 1910 | |

| Spare Handle Shaft | | | [HSN Code: 8538] |
|--|------------|---------|------------------|
| Type | Reference | MRP (₹) | |
| CSCS 63-315A CSBS 63-315A CSCF125-315A | CSP8X200 | 450 | |
| CSCS 400A-1600A | CSP12X205 | 510 | |
| CSCS 2000A-3150A CSBS 400A-1600A CSCF 400A-1600A | ☒CSP12X305 | 830 | |

☒non stockable items.



SDF Changeover

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

LT Heavy Duty 4 Pole Changeover Switch Disconnecter 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 | |
| Frame 4 | 400 | ☒CSSDF400D4CO | CSSDF400B4CO | |
| | 630 | ☒CSSDF630D4CO | CSSDF630B4CO | |
| Frame 4 | 800 | - | CSSDF800B4CO | |

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

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

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

NOTE:

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

| Off-Load Changeover Switches [HSN Code: 8536] | | | | |
|---|---------------|------|---------------|---------|
| Reference | Rating (Amps) | Pole | Rated Voltage | MRP (₹) |
| CSCSO32CO2 | 32 | 2 | 250 V | 2560 |
| CSCSO63CO2 | 63 | 2 | 250 V | 5430 |
| CSCSO32CO4 | 32 | 4 | 415 V | 4220 |
| CSCSO63CO4 | 63 | 4 | 415 V | 8620 |
| CSCSO100CO4 | 100 | 4 | 415 V | 19130 |
| CSCSO200CO4 | 200 | 4 | 415 V | 27650 |
| CSCSO315CO4 | 315 | 4 | 415 V | 33850 |
| CSCSO400CO4 | 400 | 4 | 415 V | 37590 |

| Accessories-Changeover Switches (CSSDF) [HSN Code: 8538] | | |
|--|------------|---------|
| Spare Handles | | |
| For Switch Type | Reference | MRP (₹) |
| CSSDF 32A - 160A (Moulded) | CCOH80S6 | POR |
| CSSDF 200A - 400A (Moulded) | CCOH220S12 | |
| CSSDF 630A - 800A (Metallic) | CSDA6 | |

| Accessories-CSSDF Changeover Switches [HSN Code: 8538] | | |
|--|-------------|---------|
| Operating Mechanism | | |
| For Switch Type | Reference | MRP (₹) |
| CSSDF 32A-160A | ☒CSSDFZW1 | POR |
| CSSDF 200A-400A | ☒CSSDZW12/1 | |
| CSSDF 630A-800A | CSSDZW12 | |

| Accessories-Changeover Switch (CSSD) [HSN Code: 8538] | | |
|---|------------|---------|
| Spare Handles | | |
| For Switch Type | Reference | MRP (₹) |
| CSSD 25A-125A (Moulded) | CCOH00S6 | POR |
| CSSD 200A-800A (Moulded) | CCOH220S12 | |
| CSSD 1000A-3150A (Metallic) | CSDA6 | |

| Operating Mechanism [HSN Code: 8538] | | |
|--------------------------------------|------------|---------|
| For Switch Type | Reference | MRP (₹) |
| CSSD 25A - 40A | ☒CSSDZW6 | POR |
| CSSD 63A - 125A (DM type) | ☒CSSDZW6/1 | |
| CSSD 200A - 400A (DM type) | ☒CSSDZW11A | |
| CSSD 400A - 800A (K type) | ☒CSSDZW11 | |
| CSSD 1000A - 3150A (P type) | ☒CSSDZW12 | |

| Switch Fuse Unit: Rewirable with Side Handle [HSN Code: 8536] | | | | |
|---|---------------|------|---------------|---------|
| Reference | Rating (Amps) | Pole | Rated Voltage | MRP (₹) |
| ☒CSRW16P1NS | 16 | SPN | 240 V | 1020 |
| ☒CSRW32P1NS | 32 | SPN | 240 V | 2490 |
| ☒CSRW16P2S | 16 | DP | 240 V | 1040 |
| CSRW32P2S | 32 | DP | 240 V | 2770 |
| CSRW32P3NS | 32 | TPN | 415V | 4150 |
| CSRW63P3NS | 63 | TPN | 415V | 8250 |
| CSRW100P3NS | 100 | TPN | 415V | 16550 |
| CSRW200P3NS | 200 | TPN | 415V | 22000 |



☒non stockable items.



RoHS
Compliant

CATS

Automatic 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
- Option for communication over WIFI
- Option for cloud connectivity for IOT applications.
- Fire alarm / external fault trip feature is provided

Applications:

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



Automatic Transfer Switch

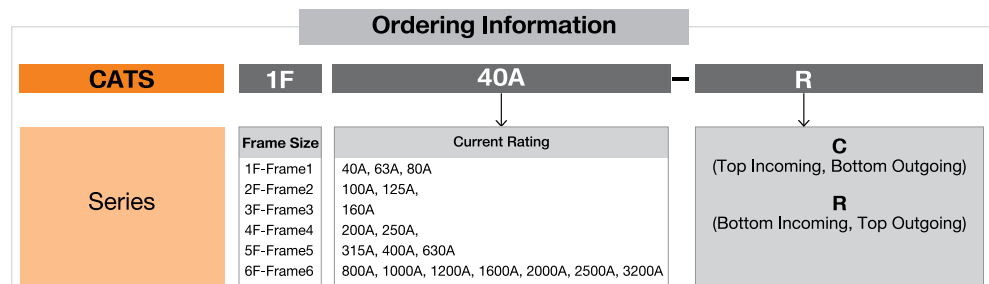
Automatic Transfer Switch

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



| Size | Rating | Pole | Reference | MRP (₹) |
|---------|--------|------|----------------|---------|
| Frame-1 | 40A | 4 | CATS1F40A... | 63650 |
| | 63A | 4 | CATS1F63A... | 65130 |
| Frame-2 | 100A | 4 | CATS2F100A... | 68180 |
| | 125A | 4 | CATS2F125A... | 72700 |
| Frame-3 | 160A | 4 | CATS3F160A... | 77980 |
| Frame-4 | 200A | 4 | CATS4F200A... | 104020 |
| | 250A | 4 | CATS4F250A... | 111380 |
| Frame-5 | 315A | 4 | CATS5F315A... | 131340 |
| | 400A | 4 | CATS5F400A... | 132920 |
| | 630A | 4 | CATS5F630A... | 173050 |
| Frame-6 | 800A | 4 | CATS6F800A... | POR |
| | 1250A | 4 | CATS6F1250A... | POR |
| | 1600A | 4 | CATS6F1600A... | POR |
| | 2000A | 4 | CATS6F2000A... | POR |
| | 2500A | 4 | CATS6F2500A... | POR |
| | 3200A | 4 | CATS6F3200A... | POR |

NOTE: While ordering replace ... with 'C' (Top Incoming, Bottom Outgoing) 'R' (Bottom Incoming, Top Outgoing)





HRC Fuse Link, Fuse Base & Fuse Holder

Range: 2A~800A

- Conforms to IS 13703-Part 2
- Conforms to IEC 60269-Part 2
- Range: DIN type (6~630A), 500V, AC 50Hz, Bolted type (2~800A), 415V, AC 50Hz
- High breaking capacity: 80kA

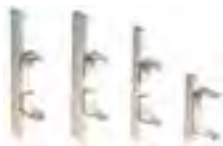


| DIN Type HRC Fuse Link | | | | [HSN Code: 8536] |
|------------------------|---------------------------|-----------|---------|------------------|
| IS/IEC Size | In A | Reference | MRP (₹) | MOQ |
| 00 | 6, 10, 16, 20, 25, 32, 35 | CDFL00* | 400 | 3 |
| | 40, 50, 63 | CSDFL00* | 400 | |
| | 80, 100 | CSDFL00* | 410 | |
| | 125, 160 | CSDFL00* | 420 | |
| 1 | 32, 35, 50, 63 | CDFL01* | 700 | |
| | 80, 100, 125 | CDFL01* | 760 | |
| | 160 | CDFL01* | 760 | |
| | 200 | CSDFL1* | 780 | |
| | 250 | CSDFL1* | 850 | |
| 2 | 100, 125 | CDFL02* | 1100 | |
| | 160, 200 | CDFL02* | 1120 | |
| | 250 | CDFL02* | 1120 | |
| | 315 | CSDFL2* | 1170 | |
| | 400 | CSDFL2* | 1230 | |
| 3 | 315, 400 | CDFL03* | 1560 | |
| | 500 | CDFL3* | 1880 | |
| | 630 | CDFL3* | 1880 | |

While ordering, replace "*" by current rating.



| Fuse Bases for DIN Type Fuse Link (ISI Mark) | | | | [HSN Code: 8536] |
|--|------|-----------|---------|------------------|
| IS/IEC Size | In A | Reference | MRP (₹) | MOQ |
| 00 | 160 | CSDFB00 | 470 | 3 |
| 1 | 250 | CSDFB1 | 860 | |
| 2 | 400 | CSDFB2 | 1280 | |
| 3 | 630 | CDFB3 | 2080 | |



| Solid Link | | | | [HSN Code: 8536] |
|-------------|------|-----------|---------|------------------|
| IS/IEC Size | In A | Reference | MRP (₹) | MOQ |
| 00 | 160 | CDSL00 | 590 | 3 |
| 1 | 250 | CDSL1 | 780 | |
| 2 | 400 | ☒CDSL2 | 1070 | |
| 3 | 630 | ☒CDSL3 | 1310 | |

Bolted Type HRC Fuse Link



| Off Set TAG Type | | | | [HSN Code: 8536] |
|------------------|-------------------------|-----------|---------|------------------|
| IS/IEC Size | Rating (Amps) | Reference | MRP (₹) | MOQ |
| A1 | 2, 4, 6, 8, 10, 12 & 16 | CNIT* | 95 | 20 |
| | 20, 25, & 32 | CNIT* | | |
| A2 | 4, 6,10,16, 20, 25 & 32 | CSTIA* | 140 | 20 |
| A3 | 32, 40, 50 & 63 | CSTIS* | 200 | 10 |
| A4 | 50, 63, 80, 100, 125 | CTCP* | 380 | 6 |
| - | 125, 160, 200 | CTFP* | 550 | 3 |

| CNS (Off Set) clip in Type | | | | [HSN Code: 8536] |
|----------------------------|----------------------|-----------|---------|------------------|
| IS/IEC Size | In A | Reference | MRP (₹) | MOQ |
| F1 | 2, 4, 6, 8, 10,12,16 | CNS* | 95 | 20 |
| F1 | 20, 25, 32 | CNS* | 95 | 20 |

☒non stockable items.
MOQ-Minimum Order Quantity.

Bolted Type HRC Fuse Link



| Central TAG (2 hole fixing) Type | | | | [HSN Code: 8536] |
|----------------------------------|---------------|-----------|---------|------------------|
| IS/IEC Size | In A | Reference | MRP (₹) | MOQ |
| B1 | 80, 100 | CTC* | 410 | 6 |
| B1 | 125 | CTC* | 410 | |
| B2 | 125, 160, 200 | CTF* | 600 | 3 |
| B3 | 250, 300, 315 | CTKF* | 860 | 1 |
| B4 | 355, 400 | CTMF* | 1670 | |

☒ non stockable items. MOQ-Minimum Order Quantity.

HRC Fuse Link, Fuse Base & Fuse Holder



| Central TAG (4 Hole Fixing) Type | | | | [HSN Code: 8536] |
|----------------------------------|--------------------|-----------|---------|------------------|
| IS/IEC Size | In A | Reference | MRP (₹) | MOQ |
| C1 | 355, 400 | ☒CTM* | 1590 | 1 |
| C2 | 450, 500 | ☒CTTM* | 2630 | |
| C2 | 630 | CTTM* | 3400 | |
| C3 | 670, 710, 750, 800 | ☒CTLM* | 3620 | |



| Cylindrical HRC Fuse Link | | | | [HSN Code: 8536] |
|---------------------------|---------------------|-----------|---------|------------------|
| IS/IEC Size | In A | Reference | MRP (₹) | MOQ |
| (14*51) | 2, 4, 6, 8 & 10 | CHF* | 190 | 20 |
| (14*51) | 16, 20 & 25 | CHF* | 190 | |
| (14*51) | 32 & 40 | CHF* | 200 | |
| (14*51) | 50 | CHF* | 370 | |
| (14*51) | 63 | CHF* | 390 | |
| (10*38) | 2, 4, 6, 8, 10 & 16 | CGF* | 80 | 20 |
| (10*38) | 20 & 25 | CGF* | 85 | |
| (10*38) | 32 | CGF* | 85 | |



| HRC Fuse Holder for Bolted Type Fuse Link | | | | | | | | [HSN Code: 8536] |
|---|------|-----------|---------|-----|-----------|---------|-----|------------------|
| IS/IEC Size | In A | Reference | MRP (₹) | MOQ | Reference | MRP (₹) | MOQ | |
| F1 | 20 | CNS20HN | 210 | 10 | | | | |
| F1 | 32 | CNS32H | 240 | 10 | - | - | - | |
| A2 | 32 | CSM32HN | 430 | 10 | | | | |
| A3 | 63 | CSM63HN | 500 | 5 | | | | |
| A4 | 100 | - | - | - | CSM100H* | 1470 | 3 | |
| A4 | 100 | - | - | - | CSM100B* | 1650 | 3 | |

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



| Fuse Holder for Cylindrical HRC Fuse Link | | | | [HSN Code: 8536] |
|---|------|-----------|---------|------------------|
| IS/IEC Size | In A | Reference | MRP (₹) | MOQ |
| 14 x 51 | 32 | CHO32R | 230 | 10 |
| 14 x 51 | 63 | CHC63R | 280 | |

| Fuse Puller (for DIN type Fuse Link 6-630Amp) | | | [HSN Code: 8536] |
|---|---------|-----|------------------|
| Reference | MRP (₹) | MOQ | |
| CDFH003 | 420 | 1 | |



| Porcelain Rewirable Fuse Holder (Kit-Kat) | | | | [HSN Code: 8536] |
|---|---------------|-----------------------|---------|------------------|
| Reference | Rating (Amps) | Fuse Wire Size (Max.) | MRP (₹) | MOQ |
| CSKTRW32 | 32 | 22SWG | 370 | 3 |
| CSKTRW63 | 63 | 18SWG | 640 | |
| CSKTRW100 | 100 | 14SWG | 1130 | |
| CSKTRW200 | 200 | 2 X 14SWG | 2390 | 1 |



LIGHTING TRUNKING

LB Series



Features:

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

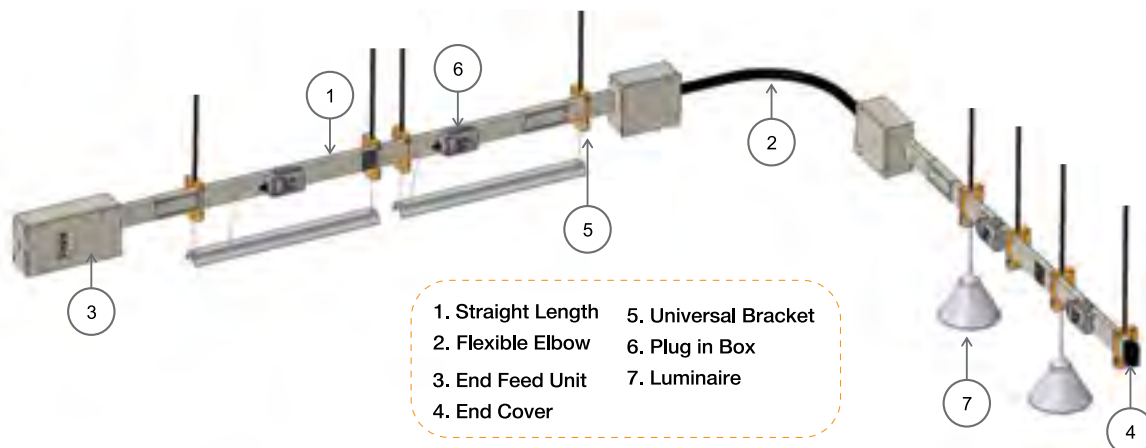


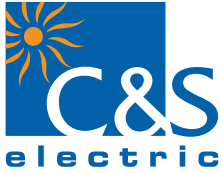
Lighting Trunking

Lighting Trunking - LB Series

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

| Type | Description | Reference | UOM | MRP (₹) |
|---|---|---------------|-------|---------|
| Straight length | Straight length 1 meter with 1 PIP 2 Pole, 25A. | LBC252BG5S1P1 | NOS | 1850 |
| | Straight length 1 meter with 1 PIP 4 Pole, 25A. | LBC254BG5S1P1 | NOS | 2440 |
| | Straight length 1 meter with 1+1 PIP 4+2 Pole, 25A. | LBC256BG5S2P1 | NOS | 4280 |
| | Straight length 1 meter with 1+1 PIP 4+4 Pole, 25A. | LBC258BG5S2P1 | NOS | 4870 |
| | Straight length 1 meter with 1 PIP 2 Pole, 40A. | LBC402BG5S1P1 | NOS | 2210 |
| | Straight length 1 meter with 1 PIP 4 Pole, 40A. | LBC404BG5S1P1 | NOS | 3200 |
| | Straight length 1 meter with 1+1 PIP 4+2 Pole, 40A. | LBC406BG5S2P1 | NOS | 5410 |
| | Straight length 1 meter with 1+1 PIP 4+4 Pole, 40A. | LBC408BG5S2P1 | NOS | 6410 |
| | Straight length 3 meter with 3 PIP 2 Pole, 25A. | LBC252BG5S1P3 | NOS | 4830 |
| | Straight length 3 meter with 3 PIP 4 Pole, 25A. | LBC254BG5S1P3 | NOS | 6540 |
| | Straight length 3 meter with 3+3 PIP 4+2 Pole, 25A. | LBC256BG5S2P3 | NOS | 11370 |
| | Straight length 3 meter with 3+3 PIP 4+4 Pole, 25A. | LBC258BG5S2P3 | NOS | 13080 |
| | Straight length 3 meter with 3 PIP 2 Pole, 40A. | LBC402BG5S1P3 | NOS | 6090 |
| | Straight length 3 meter with 3 PIP 4 Pole, 40A. | LBC404BG5S1P3 | NOS | 8800 |
| | Straight length 3 meter with 3+3 PIP 4+2 Pole, 40A. | LBC406BG5S2P3 | NOS | 14890 |
| Straight length 3 meter with 3+3 PIP 4+4 Pole, 40A. | LBC408BG5S2P3 | NOS | 17590 | |
| Flexible Elbow | Flexible Elbow 1 meter, 2/4 Pole, 25/40A | LBC404BG5FXE1 | NOS | 9700 |
| | Flexible Elbow 1 meter, 4+2/4+4 Pole, 25/40A | LBC408BG5FXE1 | NOS | 13310 |
| | Flexible Elbow 3 meter, 2/4 Pole, 25/40A | LBC404BG5FXE3 | NOS | 14660 |
| | Flexible Elbow 3 meter, 4+2/4+4 Pole, 25/40A | LBC408BG5FXE3 | NOS | 23230 |
| End Feed Unit | End Feed Unit LHS (Direct), 2/4 Pole, 25/40A. | LBC404BG5EFDL | NOS | 4420 |
| | End Feed Unit LHS (Direct), 4+2/4+4 Pole, 25/40A. | LBC408BG5EFDL | NOS | 5770 |
| | End Feed Unit LHS (with MCB Provision), 2/4 Pole, 25/40A. | LBC404BG5EFSL | NOS | 5870 |
| | End Feed Unit LHS (with MCB Provision), 4+2/4+4 Pole, 25/40A. | LBC408BG5EFSL | NOS | 7220 |
| Center Feed unit | Center Feed Unit (Direct), 2/4 Pole, 25/40A. | LBC404BG5CFDS | NOS | 10830 |
| | Center Feed Unit (Direct), 4+2/4+4 Pole, 25/40A. | LBC408BG5CFDS | NOS | 14430 |
| | Center Feed Unit (with MCB Provision), 2/4 Pole, 25/40A. | LBC404BG5CFSS | NOS | 11280 |
| | Center Feed Unit (with MCB Provision), 4+2/4+4 Pole, 25/40A. | LBC408BG5CFSS | NOS | 14890 |
| End Cover | End Cover 2/4 Pole, RHS. | LBEC1R | NOS | 250 |
| | End Cover 2/4 Pole, LHS. | LBEC1L | NOS | 270 |
| | End Cover 4+2/4+4 Pole, RHS. | LBEC2R | NOS | 290 |
| | End Cover 4+2/4+4 Pole, LHS. | LBEC2L | NOS | 320 |
| Universal Bracket | Universal Bracket 2/4 Pole. | LBHB1U | NOS | 360 |
| | Universal Bracket 4+2/4+4 Pole . | LBHB2U | NOS | 410 |
| Plug in Box | Plug in Box (Direct), 2 Pole, 16A | LB12BP5D16 | NOS | 720 |
| | Plug in Box (Direct), 4 Pole, 16A | LB14BP5D16 | NOS | 860 |
| | Plug in Box (with fuse), 2 Pole, 6A | LB12BP5F06 | NOS | 900 |
| | Plug in Box (with fuse), 4 Pole, 6A | LB14BP5F06 | NOS | 1220 |
| | Plug in Box (with fuse), 2 Pole, 16A | LB12BP5F16 | NOS | 900 |
| | Plug in Box (with fuse), 4 Pole, 16A | LB14BP5F16 | NOS | 1220 |





Power Control Components



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



Motor Protection Circuit Breaker

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



exceed

Motor Protection Circuit Breaker

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



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

| Frame | Power Rating 3-Ph motors AC3-Duty 415V, 50/60HZ | Adjustable Range (Amp) | Breaking Capacity(kA) 415V, 50HZ | Reference | MRP (₹) | MOQ |
|-------|--|---------------------------|--|----------------|---------|-----|
| | KW | | With Overload & Short Circuit Protection | | | |
| 32AF | - | 0.1~0.16 | 100 | TCMS-32SE-0.16 | 3600 | 1 |
| | - | 0.16~0.25 | 100 | TCMS-32SE-0.25 | 3600 | |
| | - | 0.25~0.40 | 100 | TCMS-32SE-0.4 | 3600 | |
| | - | 0.40~0.63 | 100 | TCMS-32SE-0.63 | 3810 | |
| | - | 0.63~1 | 100 | TCMS-32SE-1 | 3810 | |
| | - | 1~1.6 | 100 | TCMS-32SE-1.6 | 3810 | |
| | 0.75 | 1.6~2.5 | 100 | TCMS-32SE-2.5 | 3810 | |
| | 1.5 | 2.5~4 | 100 | TCMS-32SE-4 | 4000 | |
| | 2.2 | 4~6.3 | 100 | TCMS-32SE-6.3 | 4030 | |
| | 4 | 6~10 | 100 | TCMS-32SE-10 | 4150 | |
| | 5.5 | 9~14 | 100 | TCMS-32SE-14 | 4730 | |
| | 9 | 13~18 | 100 | TCMS-32SE-18 | 5470 | |
| | 11 | 17~23 | 50 | TCMS-32SE-23 | 5470 | |
| | 11 | 20~25 | 50 | TCMS-32SE-25 | 5800 | |
| 15 | 24~32 | 50 | TCMS-32SE-32 | 10690 | | |

| Accessories | | | | [HSN Code: 8538] | |
|---|---------------|------------------|---------|------------------|--|
| Description | Configuration | Model | MRP (₹) | MOQ | |
| Front mounted (1Pc) Aux Contact | 1NO+1NC | TFXE11 | 760 | 1 | |
| Front mounted (1Pc) Aux Contact | 2NO | TFXE20 | 760 | | |
| Left Side Mounted (2Pc) Aux Contact | 1NO+1NC | TLXE11 | 920 | | |
| Left Side Mounted (2Pc) Aux Contact | 2NO | TLXE20 | 920 | | |
| Side mounted (1pc) Fault signal Contact | NO | TLAE11 | 1450 | | |
| Side mounted (1pc) Short circuit signal contact | NO | TLAME11 | 1500 | | |
| Trip + Aux Contact, Left Side mounted (1Pc.) | 2NO | TLAXE1010 | 1000 | | |
| | 1NO+1NC | TLAXE1001 | | | |
| | 1NC + 1NO | TLAXE0110 | | | |
| | 2NC | TLAXE0101 | | | |
| Under Voltage (1 pc) Right side Mounted | 110-127V50HZ | TRUE110-127V50HZ | 1950 | | |
| | 220-240V50HZ | TRUE220-240V50HZ | | | |
| | 380-415V50HZ | TRUE380-415V50HZ | | | |
| Shunt Trip (1pc) Right side Mounted | 110-127V50HZ | TRSE110-127V50HZ | 1950 | | |
| | 220-240V50HZ | TRSE220-240V50HZ | | | |
| | 380-415V50HZ | TRSE380-415V50HZ | | | |



MPCB



exceed

Motor Protection Circuit Breaker



exceed Motor Protection Circuit Breaker - Rotary Type

[HSN Code: 8536]

| Frame | Power Rating 3Ph Motors AC3-duty, 415V,50Hz | Rated Operational Current Ie(A) | Breaking Capacity (kA) 415V, 50Hz | Reference | MRP (₹) | Adjustable range(Amp) | Reference | MRP (₹) |
|-------|---|---------------------------------|-----------------------------------|-------------------------------|---------|-----------------------|--|---------|
| | | | | With Short Circuit Protection | | | With Overload & Short Circuit Protection | |
| 32AF | 0.02 | 0.16 | 100kA | TCMS-32HS-0.16 | 3800 | 0.1-0.16 | TCMS-32HS-0.16 | 3880 |
| | 0.06 | 0.25 | | TCMS-32HS-0.25 | 3800 | 0.16-0.25 | TCMS-32HS-0.25 | 3880 |
| | 0.09 | 0.4 | | TCMS-32HS-0.4 | 3800 | 0.25-0.4 | TCMS-32HS-0.4 | 3880 |
| | 0.12 | 0.63 | | TCMS-32HS-0.63 | 3800 | 0.4-0.63 | TCMS-32HS-0.63 | 3880 |
| | 0.25 | 1 | | TCMS-32HS-1 | 3800 | 0.63-1 | TCMS-32HS-1 | 3880 |
| | 0.55 | 1.6 | | TCMS-32HS-1.6 | 4370 | 1-1.6 | TCMS-32HS-1.6 | 4450 |
| | 0.75 | 2.5 | | TCMS-32HS-2.5 | 4370 | 1.6-2.5 | TCMS-32HS-2.5 | 4450 |
| | 1.5 | 4 | | TCMS-32HS-4 | 4370 | 2.5-4 | TCMS-32HS-4 | 4450 |
| | 2.2 | 6.3 | | TCMS-32HS-6.3A | 4370 | 4-6.3 | TCMS-32HS-6.3 | 4450 |
| | 4 | 10 | | TCMS-32HS-10A | 4370 | 6.3-10 | TCMS-32HS-10 | 4450 |
| | 9 | 16 | 50kA | TCMS-32HS-16A | 4570 | 10-16 | TCMS-32HS-16 | 5630 |
| | 9 | 20 | | TCMS-32HS-20A | 4940 | 16-20 | TCMS-32HS-20 | 5630 |
| | 12.5 | 25 | | TCMS-32HS-25A | 4940 | 20-25 | TCMS-32HS-25 | 5970 |
| | 15 | 32 | | TCMS-32HS-32A | 6820 | 25-32 | TCMS-32HS-32 | 10930 |
| 63AF | 7.5 | 16 | TCMS-63HS-16 | 9800 | 11-16 | TCMS-63HS-16 | 10000 | |
| | 7.5 | 20 | TCMS-63HS-20 | 9800 | 14-20 | TCMS-63HS-20 | 10000 | |
| | 11 | 25 | TCMS-63HS-25 | 9800 | 18-25 | TCMS-63HS-25 | 10000 | |
| | 15 | 32 | TCMS-63HS-32 | 16940 | 22-32 | TCMS-63HS-32 | 17140 | |
| | 18 | 40 | TCMS-63HS-40 | 16940 | 28-40 | TCMS-63HS-40 | 17140 | |
| | 18 | 45 | TCMS-63HS-45 | 16940 | 36-45 | TCMS-63HS-45 | 17140 | |
| | 22 | 50 | TCMS-63HS-50 | 17960 | 40-50 | TCMS-63HS-50 | 18200 | |
| | 30 | 63 | TCMS-63HS-63 | 17960 | 45-63 | TCMS-63HS-63 | 18200 | |



exceed

Motor Protection Circuit Breaker

| Accessories | | | [HSN Code: 8538] |
|---|---------------------------|------------------------------|------------------|
| Description | Configuration | Reference | MRP (₹) |
| Front Mounted Auxiliary contacts | 1NO+1NC | TFXS11 | 780 |
| Left Side Mounted Auxiliary contacts | 2NC | TFXS02 | 1100 |
| Left Side Mounted Auxiliary contacts | 1NO+1NC | TLXS11 | 1100 |
| Left Side Mounted Auxiliary contacts | 2NO | TLXS02 | 1100 |
| "Left Side Mtd Trip ind Aux con (1NC/1NO for OL and 1NO/1NC for SC) for 32AF" | 1NO+1NC | TLAS3211 | 1920 |
| "Left Side Mtd Trip ind Aux con (1NC/1NO for OL and 1NO/1NC for SC) for 63AF" | 1NO+1NC | TLAS6311 | 2000 |
| MPCB Enclosure Frame 32AF | For TCMS-32HIS/32HS | EPH32HSBG | 2900 |
| MPCB Enclosure Frame 63AF | For TCMS-63HIS/63HS | EPH63HSBG | 3270 |
| Extended RotaryHandle -32AF-IP65 | For TCMS-32HIS/32HS | EXTH32HSGB | 1390 |
| Extended Rotary Handle -63AF-IP65 | For TCMS-63HIS/63HS | EXTH63HSGB | 1470 |
| Shunt Release 32AF / 63AF (Right Side Mounting) | 20 ~ 24V 50/60Hz | TRSS20-24V 50/60Hz | 1920 |
| | 40 ~ 48V 50/60Hz | TRSS40-48V 50/60Hz | |
| | 100 ~ 127V 50/60Hz | TRSS40-100V 127/60Hz | |
| | 200 ~ 240V 50/60Hz | TRSS40-200V 240/60Hz | |
| | 365 - 440V 50/60Hz | TRSS40-365V 440/60Hz | |
| Under Voltage Release 32AF/63AF (Right Side Mounting) | 24V 50/60Hz | TRUS 50Hz 60Hz 24V | 1920 |
| | 24V 50Hz / 28V 60Hz | TRUS 50Hz 24V 60Hz 28V | |
| | 95V 50Hz / 110V 60Hz | TRUS 50Hz 95V 60Hz 110V | |
| | 110V 50Hz / 120V 60Hz | TRUS 50Hz 110V 60Hz 120V | |
| | 110-115V 50Hz / 127V 60Hz | TRUS 50Hz 110-115V 60Hz 127V | |
| | 180V 50Hz / 208V 60Hz | TRUS 50Hz 180V 60Hz 208V | |
| | 190V 50Hz / 220V 60 Hz | TRUS 50Hz 190V 60Hz 220V | |
| | 208V 50 Hz / 240V 60 Hz | TRUS 50Hz 208V 60Hz 240V | |
| | 230-240V 50Hz / 277V 60Hz | TRUS 50Hz 230-240V 60Hz 277V | |
| | 325V 50Hz / 380V 60Hz | TRUS 50Hz 325V 60Hz 380V | |
| | 380V 50Hz / 440V 60Hz | TRUS 50Hz 380V 60Hz 440V | |
| | 400-415V 50Hz / 480V 60Hz | TRUS 50Hz 400-415V 60Hz 480V | |
| | 500V 50Hz / 600V 60Hz | TRUS 50Hz 500V 60Hz 600V | |



Motor Protection Circuit Breaker

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

| TCMS-Model - Thermal Magnetic | | | | | | | | | |
|---|---|------------------------|-----------------------------------|---|-------------|---|---|---------|------------------|
| <input type="checkbox"/> Adjustable thermal release <input type="checkbox"/> Magnetic release 13Xle Max. <input type="checkbox"/> Trip class 10 <input type="checkbox"/> Ambient temperature compensation <input type="checkbox"/> Phase failure protection | | | | | | | | | [HSN Code: 8536] |
| Frame | Power Rating 3-PhMotors AC3-duty 415V, 50Hz | Adjustable range (Amp) | Breaking Capacity (kA) 415V, 50Hz | Reference | MRP (₹) | Breaking Capacity (kA) 415V, 50Hz | Reference | MRP (₹) | MOQ |
| | kW | | | | | Standard Model/ Toggle Switch | | | |
| 32AF | 0.02 | 0.1~0.16 | 100 | <input checked="" type="checkbox"/> TCMS-32S-0.16 | POR | 100 | TCMS-32H-0.16 | POR | 1 |
| | 0.06 | 0.16~0.25 | 100 | <input checked="" type="checkbox"/> TCMS-32S-0.25 | | 100 | <input checked="" type="checkbox"/> TCMS-32H-0.25 | | |
| | 0.09 | 0.25~0.4 | 100 | TCMS-32S-0.4 | | 100 | <input checked="" type="checkbox"/> TCMS-32H-0.4 | | |
| | 0.12 | 0.4~0.63 | 100 | TCMS-32S-0.63 | | 100 | <input checked="" type="checkbox"/> TCMS-32H-0.63 | | |
| | 0.25 | 0.63~1 | 100 | TCMS-32S-1 | | 100 | TCMS-32H-1 | | |
| | 0.55 | 1~1.6 | 100 | TCMS-32S-1.6 | | 100 | TCMS-32H-1.6 | | |
| | 0.75 | 1.6~2.5 | 100 | TCMS-32S-2.5 | | 100 | TCMS-32H-2.5 | | |
| | 1.5 | 2.5~4 | 100 | TCMS-32S-4 | | 100 | TCMS-32H-4 | | |
| | 2.2 | 4~6 | 100 | TCMS-32S-6 | | 100 | TCMS-32H-6 | | |
| | 3 | 5~8 | 100 | TCMS-32S-8 | | 100 | TCMS-32H-8 | | |
| | 4 | 6~10 | 50 | TCMS-32S-10 | | 100 | TCMS-32H-10 | | |
| | 5.5 | 9~13 | 50 | TCMS-32S-13 | | 100 | TCMS-32H-13 | | |
| | 7.5 | 11~17 | 20 | TCMS-32S-17 | | 50 | TCMS-32H-17 | | |
| | 7.5 | 14~22 | 15 | TCMS-32S-22 | | 50 | TCMS-32H-22 | | |
| | 11 | 18~26 | 15 | TCMS-32S-26 | | 50 | TCMS-32H-26 | | |
| 15 | 22~32 | 15 | TCMS-32S-32 | 50 | TCMS-32H-32 | | | | |
| 63AF | 18.5 | 28~40 | - | - | 50 | TCMS-63H-40 | 18690 | | |
| | 22 | 34~50 | - | - | 50 | TCMS-63H-50 | 21670 | | |
| | 30 | 45~63 | - | - | 50 | TCMS-63H-63 | 23120 | | |
| 100AF | 37 | 55~75 | - | - | 75 | <input checked="" type="checkbox"/> TCMS-100H-75 | 23270 | | |
| | 45 | 70~90 | - | - | 75 | <input checked="" type="checkbox"/> TCMS-100H-90 | 23300 | | |
| | 45 | 80~100 | - | - | 75 | <input checked="" type="checkbox"/> TCMS-100H-100 | 23500 | | |

| TCMS-Model - Magnetic (Short Circuit Protection only) | | | | | | |
|---|--------------------------------------|--|--|--|---------|------------------|
| <input type="checkbox"/> Without thermal release <input type="checkbox"/> Magnetic release 13 X le Max. | | | | | | [HSN Code: 8536] |
| Frame | Breaking Capacity (kA) at 415V, 50Hz | Power Rating 3-Ph Motors AC3 duty 415V, 50Hz | Rated Operational Current Ie (A) | Reference | MRP (₹) | MOQ |
| | | kW | | | | |
| 32AF | 100 | 0.02 | 0.16 | TCMS-32HI-0.16 | POR | 1 |
| | 100 | 0.06 | 0.25 | TCMS-32HI-0.25 | | |
| | 100 | 0.09 | 0.4 | <input checked="" type="checkbox"/> TCMS-32HI-0.4 | | |
| | 100 | 0.12 | 0.63 | <input checked="" type="checkbox"/> TCMS-32HI-0.63 | | |
| | 100 | 0.25 | 1 | TCMS-32HI-1 | | |
| | 100 | 0.55 | 1.6 | <input checked="" type="checkbox"/> TCMS-32HI-1.6 | | |
| | 100 | 0.75 | 2.5 | <input checked="" type="checkbox"/> TCMS-32HI-2.5 | | |
| | 100 | 1.5 | 4 | <input checked="" type="checkbox"/> TCMS-32HI-4 | | |
| | 100 | 2.2 | 6 | <input checked="" type="checkbox"/> TCMS-32HI-6 | | |
| | 100 | 3 | 8 | <input checked="" type="checkbox"/> TCMS-32HI-8 | | |
| | 100 | 4 | 10 | <input checked="" type="checkbox"/> TCMS-32HI-10 | | |
| | 100 | 5.5 | 13 | <input checked="" type="checkbox"/> TCMS-32HI-13 | | |
| | 50 | 7.5 | 17 | <input checked="" type="checkbox"/> TCMS-32HI-17 | | |
| | 50 | 7.5 | 22 | <input checked="" type="checkbox"/> TCMS-32HI-22 | | |
| | 50 | 11 | 26 | <input checked="" type="checkbox"/> TCMS-32HI-26 | | |
| 50 | 15 | 32 | <input checked="" type="checkbox"/> TCMS-32HI-32 | | | |
| 63AF | 50 | 18.5 | 40 | <input checked="" type="checkbox"/> TCMS-63HI-40 | 15040 | |
| | 50 | 22 | 50 | <input checked="" type="checkbox"/> TCMS-63HI-50 | 17420 | |
| | 50 | 30 | 63 | <input checked="" type="checkbox"/> TCMS-63HI-63 | 17560 | |
| 100AF | 75 | 37 | 75 | TCMS-100HI-75 | 18680 | |
| | 75 | 45 | 90 | <input checked="" type="checkbox"/> TCMS-100HI-90 | 19240 | |
| | 75 | 45 | 100 | TCMS-100HI-100 | 19240 | |

Non Stockable item

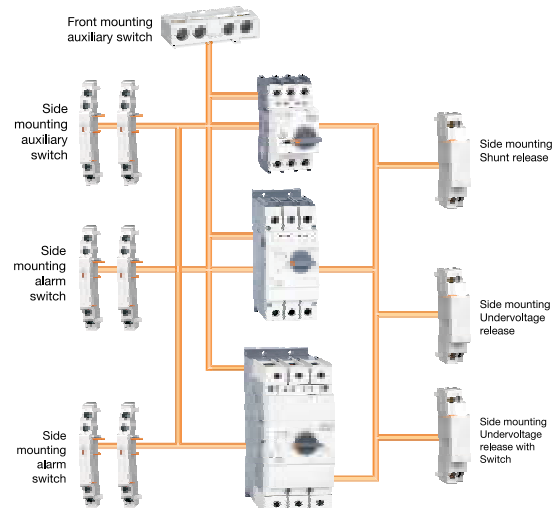


Motor Protection Circuit Breaker

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



| Accessories | | | [HSN Code: 8538] | |
|---|------------------------------|--|------------------|-----|
| Description | Configuration | Model | MRP (₹) | MOQ |
| Auxiliary switch for front mounting | 1NO+1NC | TFX11 (32A) | 890 | 1 |
| | 1NO+1NC | TFX11 | | |
| | 2NC | TFX02 | | |
| | 2NO | TFX20 | | |
| Auxiliary switch for front side mounting on the left | 1NO+1NC | TLX11 | 1070 | |
| | 2NC | <input checked="" type="checkbox"/> TLX02 | | |
| | 2NO | <input checked="" type="checkbox"/> TLX20 | | |
| Any trip alarm switch for side mounting on the left (TCMS-32) | 1NO+1NC | TLA11 | 1360 | |
| | 2NC | TLA02 | | |
| Any trip alarm switch for side mounting on the left (TCMS-63-100) | 1NO+1NC | TLA11(63-100) | 1360 | |
| | 2NC | TLA02(63-100) | | |
| Magnetic trip alarm switch for side mounting on the left | 1NO+1NC | <input checked="" type="checkbox"/> TLAM11 | 1410 | |
| Shunt release for side mounting on the right | 110~127V50Hz | <input checked="" type="checkbox"/> TRS110~127V50Hz | 2270 | |
| | 220~230V50Hz | <input checked="" type="checkbox"/> TRS220~230V50Hz | | |
| | 415~440V50Hz | TRS415~440V50Hz | | |
| Undervoltage release for side mounting on the right | 110~127V50Hz | TRU110~127V50Hz | 2320 | |
| | 220~230V50Hz | <input checked="" type="checkbox"/> TRU220~230V50Hz | | |
| | 415~440V50Hz | TRU415~440V50Hz | | |
| Undervoltage release with switch for side mounting on the right | 110~127V50Hz | TRUX110~127V50Hz | 2320 | |
| | 220~230V50Hz | <input checked="" type="checkbox"/> TRUX220~230V50Hz | | |
| | 415~440V50Hz | TRUX415~440V50Hz | | |
| Insulation Barrier (for TCMS-100H/100HI only) | | <input checked="" type="checkbox"/> TIB100 | 700 | |
| Adaptor kit for MPCB + Mini Contactors | TCMS-32S+TC1M06-16 | TDA-16SA | 700 | |
| | TCMS-32S+TP1M06-16 | TDA-16SD | | |
| | TCMS-32H/32HI+TC1M06-16 | TDA-16HA | | |
| | TCMS-32H/32HI+TP1M06-16 | <input checked="" type="checkbox"/> TDA-16HD | | |
| Busbar | 2 Point | PB322 | 1170 | |
| | | PB632 | | |
| | 3 Point* | <input checked="" type="checkbox"/> PB323 | 1350 | |
| | | PB633 | | |
| MPCB Enclosure (IP 65 Category) | For TCMS-32H/HI | EPH32-65S | 1930 | |
| Extended Handle (Door Mounting with Door Interlock, Defeat Interlock & Padlock) | Extension Shaft 115mm | | 1650 | 1 |
| | TCMS-32H/HI | MEH32-115 | | |
| | TCMS-63H/HI | <input checked="" type="checkbox"/> MEH63-115 | | |
| | TCMS-100H/HI | <input checked="" type="checkbox"/> MEH100-115 | | |
| | Extension Shaft 315mm | | 1790 | 1 |
| | TCMS-32H/HI | MEH32-315 | | |
| | TCMS-63H/HI | <input checked="" type="checkbox"/> MEH63-315 | | |
| | TCMS-100H/HI | <input checked="" type="checkbox"/> MEH100-315 | | |



Non Stockable item



robustTa2
Contactor 7A~38A

robustTa
Contactor 9A~800A

 **TC** Contactors. Enjoy life, non-stop.



robusta2 Contactor

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



| Contactor | | | | [HSN Code: 8536] | | | |
|--------------|--------------------|-----|----|--------------------|-----------|---------|-----|
| AC1 Duty (A) | AC3 415V Long life | | | Auxiliary Contacts | Reference | MRP (₹) | MOQ |
| | kW | HP | A | | | | |
| 25 | 2.2 | 3 | 7 | 1 NO+1NC | TC1D0711 | 1640 | 1 |
| 25 | 4 | 5.5 | 9 | 1 NO+1NC | TC1D0911 | 1800 | |
| 25 | 5.5 | 7.5 | 12 | 1 NO+1NC | TC1D1211 | 1920 | |
| 32 | 9 | 12 | 18 | 1 NO+1NC | TC1D1811 | 2300 | |
| 40 | 11 | 15 | 25 | 1 NO+1NC | TC1D2511 | 2920 | |
| 50 | 15 | 20 | 32 | 1 NO+1NC | TC1D3211 | 6200 | |
| 50 | 18.5 | 25 | 38 | 1 NO+1NC | TC1D3811 | 8590 | |

| Spare Top Housing for 3P Contactors | | | | [HSN Code: 8538] | |
|-------------------------------------|-----------|---------|-----|------------------|--|
| For Contactor | Reference | MRP (₹) | MOQ | | |
| TC1-D0711 | TA5-D0711 | 1240 | 1 | | |
| TC1-D0911 | TA5-D0911 | | | | |
| TC1-D1211 | TA5-D1211 | | | | |
| TC1-D1811 | TA5-D1811 | 1430 | | | |
| TC1-D2511 | TA5-D2511 | 1840 | | | |
| TC1-D3211 | TA5-D3211 | 3510 | | | |
| TC1-D3811 | TA5-D3811 | 5180 | | | |

| Coil Surge Suppressor | | | | | [HSN Code: 8538] | |
|-----------------------------------|------------------|-----------|---------|-----|------------------|--|
| Description | Voltage Ratings | Reference | MRP (₹) | MOQ | | |
| Varistor (AC/DC) Clip on mounting | 12-55V 50/60Hz | TAD4VE | 770 | 10 | | |
| | 56-136V 50/60Hz | TAD4VF | | | | |
| | 137-277V 50/60Hz | TAD4VU | | | | |
| | 278-575V 50/60Hz | TAD4VN | | | | |

| Spare AC Coils for Contactor | | | | [HSN Code: 8538] | |
|------------------------------|-----------|---------|-----|------------------|--|
| Use for Contactor | Reference | MRP (₹) | MOQ | | |
| TC1D07 | TX1-D3 | 780 | 1 | | |
| TC1D09 | | | | | |
| TC1D12 | | | | | |
| TC1D18 | | | | | |
| TC1D25 | | | | | |
| TC1D32 | | | | | |
| TC1D38 | | | | | |

| Mechanical Interlocks-Horizontal Mounted | | | | [HSN Code: 8538] | |
|--|------------|---------|-----|------------------|--|
| Use of Contactor | Reference | MRP (₹) | MOQ | | |
| TC1D07-TC1D38 | LA9-D09978 | 690 | 10 | | |

| robusta2 Contactor Coils | | | | | | | [HSN Code: 8538] | |
|--------------------------|-----|-----|------|------|------|------|------------------|--|
| Contactor TC1-D/TX1D3 | 24V | 48V | 110V | 220V | 240V | 415V | | |
| 50 Hz | B5 | E5 | F5 | M5 | U5 | N5 | | |

| Thermal Overload Relay | | | | | | [HSN Code: 8536] | | |
|-------------------------|--|----|------------|--------------------------------------|---------|--------------------------|--|--|
| Relay setting range (A) | Standard power ratings of 3-Phase Motors 50/60Hz, AC3 Category | | Reference | Suitable for Contactor Rating (Amps) | MRP (₹) | Independent Mounting Kit | | |
| | HP | kW | | | | | | |
| 23-32 | 20 | 15 | TR2DM32353 | 32 | 3370 | TA7D3264 MRP ₹460 | | |
| 30-38 | 30 | 22 | TR2DM38355 | 38 | | | | |

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

How to order:

- i) Select applicable Coil Voltage required for Contactor.
- ii) Complete the code by replacing the ■ form above.
- iii) For common accessories please refer Page No. 81 & 82.
- iv) MOQ- Minimum Order Quantity

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

Power Contactor DX-Series

Conforming IEC60947-1, IEC60947-4-1

Features:

- Suitable for Bus-Bar termination
- Single termination upto Power Contact
- Easy Coil Replacement
- Same Auxiliary blocks as Robusta
- Suitable for ring type busbar connection

Application:

- DG Panels
- Motor Feeder & Control System
- Street lighting
- VFD, Soft Starters applications
- UPS, Battery Charging
- Solar and Wind inverters



| 3 Pole Power Contactor | | | | | | [HSN Code: 8536] |
|------------------------|---------------------|----|----|--------------|---------|------------------|
| AC1 Duty A | AC3 415 V Long Life | | | With AC Coil | | MOQ |
| | kW | HP | A | Reference | MRP (₹) | |
| 85 | 25 | 34 | 45 | TC1DX453 ■ | 7740 | 1 |
| | 26 | 35 | 50 | TC1DX503 ■ | 9720 | |
| 100 | 37 | 50 | 70 | TC1DX703 ■ | 13670 | |
| | 40 | 54 | 80 | TC1DX803 ■ | 16660 | |



| Add-On Block for Contactor Rating 45A-80A | | | | [HSN Code: 8536] | |
|---|---------------|-----------|----------|------------------|----|
| Contact Configuration | | Reference | MRP (₹) | MOQ | |
| Front Mounted | 2 NO | TA1-DN20 | 530 | 20 | |
| | 1 NO+1 NC | TA1-DN11 | | | |
| | 2 NC | TA1-DN02 | | | |
| | Front Mounted | 4 NO | TA1-DN40 | 780 | 20 |
| | | 3 NO+1 NC | TA1-DN31 | | |
| | | 2 NO+2 NC | TA1-DN22 | | |
| | | 1 NO+3 NC | TA1-DN13 | | |
| Side Mounted | 4 NC | TA1-DN04 | 780 | 10 | |
| | 1 NO+1 NC | TA8-DN11 | | | |
| | 2 NO | TA8-DN20 | | | |



| Spare Coil | | | | [HSN Code: 8536] |
|------------|-----------------------|---------|-----|------------------|
| Reference | Coil Voltage | MRP (₹) | MOQ | |
| LX1DX45 ■ | 110 / 220 / 240 / 415 | 2440 | 1 | |

| Spare Contact Kit | | | | [HSN Code: 8536] |
|-------------------|-------------------------|---------|-----|------------------|
| Reference | Description | MRP (₹) | MOQ | |
| TA5X453 | 45A Contact Kit, 3 Pole | 4580 | 1 | |
| TA5X503 | 50A Contact Kit, 3 Pole | 5480 | | |
| TA5X703 | 70A Contact Kit, 3 Pole | 7800 | | |
| TA5X803 | 80A Contact Kit, 3 Pole | 10300 | | |

| Mechanical Interlock Kit | | | | [HSN Code: 8536] |
|--------------------------|---|---------|-----|------------------|
| Reference | Description | MRP (₹) | MOQ | |
| LA9DX8002 | Mechanical Interlock Kit for Contactor TC1DX45A-80A | 3130 | 1 | |

| Coil Surge Suppressor for Contactor 45A-80A | | | | | [HSN Code: 8536] |
|---|-----------------|-----------|---------|-----|------------------|
| Description | Voltage Ratings | Reference | MRP (₹) | MOQ | |
| RC Circuit (AC) | 110-240V AC | LA9DX980U | 710 | 1 | |

| AC Coil Voltage Codes for Contactors 45A-80A | | | | | [HSN Code: 8536] |
|--|---------|-----|-----|-----|------------------|
| Contactor | Voltage | | | | |
| | 110 | 220 | 240 | 415 | |
| TC1DX45-80 50Hz | F | M | U | N | |

■ To specify Coil Voltage.

NOTE: Stock for accessories are subject to availability

MOQ - Minimum Order Quantity



Mini Contactors

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



| Control Relays - 10 Amps | | | | | | | | [HSN Code: 8536] |
|--------------------------|-----------------------|--------------|---------|-----|--------------|---------|-----|------------------|
| Rated Current (Ith) | Contact Configuration | With AC Coil | | | With DC Coil | | | |
| | | Reference | MRP (₹) | MOQ | Reference | MRP (₹) | MOQ | |
| 10 | 2NO+2NC | ☒TCA2-M22 | 1820 | 10 | ☒TCA3-M22 | 2430 | 10 | |
| | 3NO+1NC | ☒TCA2-M31 | | | ☒TCA3-M31 | | | |
| | 4NO | ☒TCA2-M40 | | | ☒TCA3-M40 | | | |
| | 1NO + 3NC | ☒TCA2-M13 | | | ☒TCA3-M13 | | | |
| | 4NC | ☒TCA2-M04 | | | ☒TCA3-M04 | | | |

■ Please specify Coil Voltage.

| Power Contactors - 3 Pole | | | | | | | | | | | | [HSN Code: 8536] |
|---------------------------|--------------------|-----|----|--------------------|--------------|---------|-------|--------------------|--------------|---------|-----|------------------|
| AC1 Duty A | AC3 415V Long Life | | | Auxiliary Contacts | With AC Coil | | | Auxiliary Contacts | With DC Coil | | | |
| | kW | HP | A | | Reference | MRP (₹) | MOQ | | Reference | MRP (₹) | MOQ | |
| 20 | 2.2 | 3 | 6 | 1NO - | ☒TC1-M0610 | 1570 | 10 | 1NO - | ☒TP1-M0610 | 2290 | 10 | |
| | | | | - 1NC | ☒TC1-M0601 | | | - 1NC | ☒TP1-M0601 | | | |
| | 4 | 5.5 | 9 | 1NO - | ☒TC1-M0910 | 1700 | 1NO - | ☒TP1-M0910 | 2390 | | | |
| | | | | - 1NC | ☒TC1-M0901 | | - 1NC | ☒TP1-M0901 | | | | |
| | 5.5 | 7.5 | 12 | 1NO - | ☒TC1-M1210 | 1810 | 1NO - | ☒TP1-M1210 | 2620 | | | |
| | | | | - 1NC | ☒TC1-M1201 | | - 1NC | ☒TP1-M1201 | | | | |
| | 7.5 | 10 | 16 | 1NO - | ☒TC1-M1610 | 2140 | 1NO - | ☒TP1-M1610 | 2890 | | | |
| | | | | - 1NC | ☒TC1-M1601 | | - 1NC | ☒TP1-M1601 | | | | |

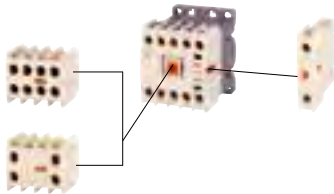
■ Please specify Coil Voltage.

| Coil Voltage Codes for Mini Contactors & Control Relays | | | | | | |
|---|---------|----|-----|-----|-----|--|
| Contactor | Voltage | | | | | |
| | 24 | 48 | 110 | 220 | 415 | |
| AC | B | E | F | M | N | |
| DC | BD | ED | FD | MD | - | |

| Overload Relays for Mini Contactors - Direct Mounting | | | | | | [HSN Code: 8536] |
|---|---------------|---------|-----|---|--|------------------|
| Relay Range (Amps) | Reference | MRP (₹) | MOQ | Independent Mounting Kit | | |
| 0.10 - 0.16 | TR2 - M0.14A | 2120 | 1 | Reference TA7-M0964 MRP (₹) 640 [HSN Code: 8538] | | |
| 0.16 - 0.25 | ☒TR2 - M0.21A | | | | | |
| 0.25 - 0.4 | TR2 - M0.33A | | | | | |
| 0.4 - 0.63 | TR2 - M0.52A | | | | | |
| 0.63 - 1 | TR2 - M0.82A | | | | | |
| 1 - 1.6 | TR2 - M1.3A | | | | | |
| 1.6 - 2.5 | TR2 - M2.1A | | | | | |
| 2.5 - 4 | TR2 - M3.3A | | | | | |
| 4 - 6 | TR2 - M5A | | | | | |
| 5 - 8 | ☒TR2 - M6.5A | | | | | |
| 6 - 9 | ☒TR2 - M7.5A | | | | | |
| 7 - 10 | TR2 - M8.5A | | | | | |
| 9 - 13 | TR2 - M11A | 2300 | | | | |
| 12 - 16 | ☒TR2 - M14A | | | | | |

☒ Non Stockable item. MOQ- Minimum Order Quantity

Accessories



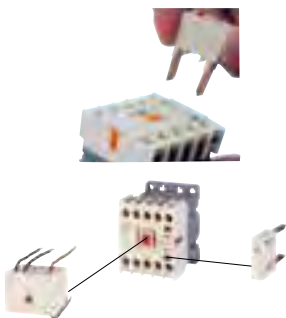
| Add-On-Block [HSN Code: 8538] | | | | |
|-------------------------------|---------|-----------|---------|-----|
| Contact Configuration | | Reference | MRP (₹) | MOQ |
| Front Mounted | 2NO | TA1-M20 | 480 | 10 |
| | 1NO+1NC | TA1-M11 | | |
| | 2NC | TA1-M02 | | |
| | 4NO | TA1-M40 | 770 | |
| | 3NO+1NC | ☒TA1-M31 | | |
| | 2NO+2NC | TA1-M22 | | |
| | 1NO+3NC | ☒TA1-M13 | | |
| | 4NC | TA1-M04 | | |
| Side Mounted | 1NC | TA8-M01 | 470 | |
| | 1NO | TA8-M10 | | |



| Mechanical Interlocks for Horizontally Mounted [HSN Code: 8538] | | | | |
|---|----------|-----------|---------|-----|
| Use For Contactor | | Reference | MRP (₹) | MOQ |
| AC | DC | | | |
| TC1-MS06 | TP1-MS06 | ☒TA9-M978 | 720 | 1 |
| TC1-MS09 | TP1-MS09 | | | |
| TC1-MS12 | TP1-MS12 | | | |
| TC1-MS16 | TP1-MS16 | | | |



| Electronic Timer [HSN Code: 8538] | | | | | |
|-----------------------------------|-----------|-----------|---------------|------------|---------|
| Description | Delay | Time | Voltage | Reference | MRP (₹) |
| Front Mounting Electronic Timer | ON Delay | 0.1-30Sec | AC / DC24-48V | ☒TA2-M/ 1N | 2320 |
| | ON Delay | 0.1-30Sec | AC110-220V | ☒TA2-M/ 2N | |
| | OFF Delay | 0.1-30Sec | AC / DC24-48V | TA3-M/ 1F | |
| | OFF Delay | 0.1-30Sec | AC110-220V | TA3-M/ 2F | |



| Coil Suppressor [HSN Code: 8538] | | | | |
|----------------------------------|--------------|-------------|---------|-----|
| Description | Voltage | Reference | MRP (₹) | MOQ |
| Varistor | AC 24-48V | TA9-M980/1 | 760 | 10 |
| | AC 60-127V | TA9-M980/2 | | |
| | AC 200-240V | ☒TA9-M980/3 | | |
| | DC 12-24V | TA9-M980/4 | | |
| | DC 30-72V | TA9-M980/5 | | |
| | DC 100-127 V | TA9-M980/6 | | |
| | DC 200-250 V | TA9-M980/7 | | |

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



Exceed Contactor

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



| Exceed 3 Pole Power Contactor rating 6A-95A | | | | | | | | | | | [HSN Code: 8536] |
|---|------------|--------------------|-----|-----|--------------------|--------------|---------|--------------------|--------------|---------|------------------|
| Size | AC1 Duty A | AC3 415V Long Life | | | Auxiliary Contacts | With AC Coil | | Auxiliary Contacts | With DC Coil | | MOQ |
| | | KW | HP | A | | Reference | MRP (₹) | | Reference | MRP (₹) | |
| Frame-1 | 25 | 2.2 | 3 | 6 | 1NO | TC1D0610E | 1220 | - | - | - | 1 |
| | | | | | 1NC | TC1D0601E | 1220 | - | - | - | |
| | | 4 | 5.5 | 9 | 1NO | TC1D0910E | 1390 | 1NO | TP1D0910E | 2120 | |
| | | | | | 1NC | TC1D0901E | 1390 | 1NC | TP1D0901E | 2120 | |
| | | 5.5 | 7.5 | 12 | 1NO | TC1D1210E | 1510 | 1NO | TP1D1210E | 2310 | |
| | | | | | 1NC | TC1D1201E | 1510 | 1NC | TP1D1201E | 2310 | |
| 32 | 9 | 12.5 | 18 | 1NO | TC1D1810E | 1760 | 1NO | TP1D1810E | 2600 | | |
| | | | | 1NC | TC1D1801E | 1760 | 1NC | TP1D1801E | 2600 | | |
| Frame-2 | 40 | 11 | 15 | 25 | 1NO | TC1D2510E | 2430 | 1NO | TP1D2510E | 3780 | |
| | | | | | 1NC | TC1D2501E | 2430 | 1NC | TP1D2501E | 3780 | |
| | 50 | 15 | 20 | 32 | 1NO | TC1D3210E | 5170 | 1NO | TP1D3210E | 7700 | |
| | | | | | 1NC | TC1D3201E | 5170 | 1NC | TP1D3201E | 7700 | |
| Frame-3 | 60 | 22 | 30 | 40 | 1NO+1NC | TC1D4011E | 7290 | 1NO+1NC | TP1D4011E | 11340 | |
| | | | | | 1NO+1NC | TC1D5011E | 8780 | 1NO+1NC | TP1D5011E | 11910 | |
| | 80 | 37 | 50 | 65 | 1NO+1NC | TC1D6511E | 12510 | 1NO+1NC | TP1D6511E | 16960 | |
| | | | | | 1NO+1NC | TC1D8011E | 15920 | 1NO+1NC | TP1D8011E | 21580 | |
| | 125 | 45 | 60 | 95 | 1NO+1NC | TC1D9511E | 18980 | 1NO+1NC | TP1D9511E | 25750 | |

| Exceed 4 Pole Power Contactor rating 12A-95A | | | | | [HSN Code: 8536] |
|--|-------------------------|-----|------------|---------|------------------|
| AC1 Duty A | Main Pole Configuration | | Reference | MRP (₹) | MOQ |
| 25 | 4NO | -- | TC1D12004E | 1700 | 5 |
| | 2NO | 2NC | TC1D12008E | 2150 | |
| 32 | 4NO | -- | TC1D18004E | 1970 | |
| 40 | 4NO | -- | TC1D25004E | 2880 | |
| | 2NO | 2NC | TC1D25008E | 4240 | |
| 60 | 4NO | -- | TC1D40004E | 7750 | |
| | 2NO | 2NC | TC1D40008E | 12220 | |
| 80 | 4NO | -- | TC1D50004E | 9790 | |
| | 2NO | 2NC | TC1D50008E | 13190 | |
| | 4NO | -- | TC1D65004E | 12590 | |
| | 2NO | 2NC | TC1D65008E | 14500 | |
| 125 | 4NO | -- | TC1D80004E | 16130 | |
| | 2NO | 2NC | TC1D80008E | 19780 | |
| | 4NO | -- | TC1D95004E | 20100 | |
| | 2NO | 2NC | TC1D95008E | 21590 | |

Wide band Coil available in 50 Hz only
 Note: Stock for accessories are subject to availability
 ■ Non-Standard coil Extra MRP @ ₹ 180 per contactor
 * Available from CR-38A Contactor only.

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

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

- NOTE:**
1. Add Suffix ■ Coil voltage to complete product code
 2. 235 V (C5W) Coil available only upto 38 Amps (AC3) Contactors.
 3. 22A, 38A & 45A current ratings also available on request. (MOQ - 50 Nos.)
 4. For add-on accessories and spare coil refer Page No. 81 & 82.



Exceed Contactor

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



| Exceed Contactor 3 Pole: Rating 115 A- 630A | | | | | | | | [HSN Code: 8536] |
|---|---------------------|-----|-----|--------------|---------|--------------|---------|------------------|
| AC1 Duty A | AC3 415 V Long Life | | | With AC Coil | | With DC Coil | | MOQ |
| | kW | HP | A | Reference | MRP (₹) | Reference | MRP (₹) | |
| 200 | 59 | 80 | 115 | LC1FDP115AE | 23230 | LC1FDP115AE | 27880 | 5 |
| 250 | 80 | 108 | 150 | LC1FDP150AE | 32980 | LC1FDP150AE | 39580 | |
| 275 | 100 | 136 | 185 | LC1FDP185AE | 38250 | LC1FDP185AE | 45900 | |
| 315 | 110 | 148 | 225 | LC1FDP225AE | 43240 | LC1FDP225AE | 51890 | |
| 350 | 140 | 190 | 265 | LC1FDP265AE | 51470 | LC1FDP265AE | 61760 | |
| 400 | 180 | 240 | 330 | LC1FDP330AE | 62620 | LC1FDP330AE | 75140 | |
| 500 | 220 | 300 | 400 | LC1FDP400AE | 73780 | LC1FDP400AE | 88540 | |
| 700 | 280 | 380 | 500 | LC1FDP500AE | 104430 | LC1FDP500AE | 125320 | |
| 1000 | 375 | 500 | 630 | LC1FDP630AE | 152750 | LC1FDP630AE | 183300 | |

| 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 | 28590 | LC1FDP1154AE | POR | 5 |
| 250 | 4 NO | LC1FDP1504AE | 36650 | LC1FDP1504AE | | |
| 275 | 4 NO | LC1FDP1854AE | 54100 | LC1FDP1854AE | | |
| 315 | 4 NO | LC1FDP2254AE | 54780 | LC1FDP2254AE | | |
| 350 | 4 NO | LC1FDP2654AE | 59640 | LC1FDP2654AE | | |
| 400 | 4 NO | LC1FDP3304AE | 70680 | LC1FDP3304AE | | |
| 500 | 4 NO | LC1FDP4004AE | 91140 | LC1FDP4004AE | | |
| 700 | 4 NO | LC1FDP5004AE | 109370 | LC1FDP5004AE | | |
| 1000 | 4 NO | LC1FDP6304AE | 216290 | LC1FDP6304AE | | |

| AC Coil Voltage Codes for Contactors 115A-780A | | | | |
|--|---------|-----|-----|-----|
| Contactor | Voltage | | | |
| | 110 | 220 | 240 | 415 |
| LC1FDP115-225 50Hz | F5 | M5 | U5 | N5 |
| LC1FDP265-780 50/60Hz | F7 | M7 | U7 | N7 |

| DC Coil Voltage Codes for Contactors 115A-780A | | | | |
|--|---------|----|-----|-----|
| Contactor | Voltage | | | |
| | 24# | 48 | 110 | 220 |
| LC1FDP | BD | ED | FD | MD |

Not available for LCFDP630



robustA Power Contactors

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



| Control Relays - 10 Amps | | | | | | | [HSN Code: 8536] |
|---|-----------------------|--------------|---------|-----|--------------|---------|------------------|
| Rated Current(Ie) AC15 at 240V (Amps) | Contact Configuration | With AC Coil | | | With DC Coil | | |
| | | Reference | MRP (₹) | MOQ | Reference | MRP (₹) | MOQ |
| 10 | 2NO + 2NC | TCA2-DN22 | 1680 | 10 | TCA3-DN22 | 2610 | 10 |
| | 3NO + 1NC | TCA2-DN31 | | | TCA3-DN31 | | |
| | 4NO | TCA2-DN40 | | | TCA3-DN40 | | |

| Power Contactors 3 Pole : Rating 9A - 95A | | | | | | | | | | | | | [HSN Code: 8536] | |
|---|---------------|---------------------|------|----|-----------------------|-----|--------------|-----------|------|-----------------------|-----------|--------------|------------------|-----|
| Size | AC1 Duty A | AC3 415 V Long Life | | | Auxiliary Contacts | | With AC Coil | | MOQ | Auxiliary Contacts | | With DC Coil | | MOQ |
| | | kW | HP | A | | | Reference | MRP (₹) | | | | Reference | MRP (₹) | |
| Frame 1 | 25 | 4 | 5.5 | 9 | 1NO | - | TC1-D0910 | 1560 | 1 | 1NO | - | TP1-D0910 | 2450 | 1 |
| | | | | | - | 1NC | TC1-D0901 | 1560 | | - | 1NC | TP1-D0901 | 2450 | |
| | | 5.5 | 7.5 | 12 | 1NO | - | TC1-D1210 | 1760 | | 1NO | - | TP1-D1210 | 2720 | |
| | | | | | - | 1NC | TC1-D1201 | 1760 | | - | 1NC | TP1-D1201 | 2720 | |
| | 32 | 9 | 12.5 | 18 | 1NO | - | TC1-D1810 | 2140 | | 1NO | - | TP1-D1810 | 3100 | |
| | | | | | - | 1NC | TC1-D1801 | 2140 | | - | 1NC | TP1-D1801 | 3100 | |
| | | 11 | 15 | 22 | 1NO | - | TC1-D2210 | 2490 | | 1NO | - | TP1-D2210 | 4390 | |
| | | | | | - | 1NC | TC1-D2201 | 2490 | | - | 1NC | TP1-D2201 | 4390 | |
| Frame 2 | 40 | 11 | 15 | 25 | 1NO | - | TC1-D2510 | 2730 | 1NO | - | TP1-D2510 | 4560 | | |
| | | | | | - | 1NC | TC1-D2501 | 2730 | - | 1NC | TP1-D2501 | 4560 | | |
| | 50 | 15 | 20 | 32 | 1NO | - | TC1-D3210 | 5620 | 1NO | - | TP1-D3210 | 8830 | | |
| | | | | | - | 1NC | TC1-D3201 | 5620 | - | 1NC | TP1-D3201 | 8830 | | |
| | | 18.5 | 25 | 38 | 1NO | - | TC1-D3810 | 7860 | 1NO | - | TP1-D3810 | 10220 | | |
| | | | | | - | 1NC | TC1-D3801 | 7860 | - | 1NC | TP1-D3801 | 10220 | | |
| | Frame 3 | 60 | 22 | 30 | 40 | 1NO | 1NC | TC1-D4011 | 8370 | 1NO | 1NC | TP1-D4011 | 12330 | |
| | | | | | | 1NO | 1NC | TC1-D4511 | 9920 | 1NO | 1NC | TP1-D4511 | 14690 | |
| 80 | | 22 | 30 | 45 | 1NO | 1NC | TC1-D5011 | 10430 | 1NO | 1NC | TP1-D5011 | 15580 | | |
| | | | | | 1NO | 1NC | TC1-D6511 | 13880 | 1NO | 1NC | TP1-D6511 | 16680 | | |
| 100 | | 37 | 50 | 70 | 1NO | 1NC | TC1-D7011 | 14340 | 1NO | 1NC | TP1-D7011 | 19400 | | |
| | | | | | 1NO | 1NC | TC1-D8011 | 17490 | 1NO | 1NC | TP1-D8011 | 20850 | | |
| 125 | | 45 | 60 | 80 | 1NO | 1NC | TC1-D8011 | 17490 | 1NO | 1NC | TP1-D8011 | 20850 | | |
| | | | | | 1NO | 1NC | TC1-D9511 | 21190 | 1NO | 1NC | TP1-D9511 | 26660 | | |

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

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

Wide band Coil available in 50 Hz only

Note: Stock for accessories are subject to availability

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

* Available from CR-38A Contactor only.



robusta Power Contactors

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 | | MOQ | With DC Coil | | MOQ |
| | | | | Reference | MRP (₹) | | Reference | MRP (₹) | |
| Frame 1 | 25 | 4NO | -- | TC1-D12004 ■ | 1960 | 1 | TP1-D12004 ■ | 3840 | 1 |
| | | 2NO | 2NC | ☒ TC1-D12008 ■ | 2400 | | ☒ TP1-D12008 ■ | 4820 | |
| | 32 | 4NO | -- | ☒ TC1-D18004 ■ | 2250 | | - | - | |
| Frame 2 | 40 | 4NO | -- | TC1-D25004 ■ | 3320 | | TP1-D25004 ■ | 7400 | |
| | | 2NO | 2NC | ☒ TC1-D25008 ■ | 4660 | | ☒ TP1-D25008 ■ | 9260 | |
| Frame 3 | 60 | 4NO | -- | TC1-D40004 ■ | 8830 | | TP1-D40004 ■ | 13220 | |
| | | 2NO | 2NC | ☒ TC1-D40008 ■ | 13060 | | ☒ TP1-D40008 ■ | 19690 | |
| | 80 | 4NO | -- | TC1-D50004 ■ | 11030 | | - | - | |
| | | 2NO | 2NC | ☒ TC1-D50008 ■ | 15130 | | - | - | |
| | | 4NO | -- | ☒ TC1-D65004 ■ | 14300 | | TP1-D65004 ■ | 21110 | |
| | 100 | 2NO | 2NC | TC1-D65008 ■ | 16650 | ☒ TP1-D65008 ■ | 25580 | | |
| | | 4NO | -- | ☒ TC1-D70004 ■ | 14820 | ☒ TP1-D70004 ■ | 24310 | | |
| | 125 | 4NO | -- | TC1-D80004 ■ | 18500 | TP1-D80004 ■ | 26510 | | |
| | | 2NO | 2NC | ☒ TC1-D80008 ■ | 22520 | ☒ TP1-D80008 ■ | 29650 | | |
| | | 4NO | -- | TC1-D95004 ■ | 22370 | TP1-D95004 ■ | 28250 | | |
| 2NO | | 2NC | ☒ TC1-D95008 ■ | 24550 | ☒ TP1-D95008 ■ | 30650 | | | |

| Power Contactors 4 Pole 4NC : Rating 9A ~ 25A | | | | | | [HSN Code: 8536] | | |
|---|------------|---------------------|-----|----|--------------|------------------|---------|-----|
| Size | AC1 Duty A | AC3 415 V Long Life | | | With AC Coil | | MRP (₹) | MOQ |
| | | KW | HP | A | Reference | | | |
| Frame 1 | 25 | 4 | 5.5 | 9 | TC1-D09006 ■ | 2110 | 10 | |
| | | 5.5 | 7.5 | 12 | TC1-D12006 ■ | 3910 | | |
| Frame 2 | 40 | 11 | 15 | 25 | TC1-D25006 ■ | 4360 | | |

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

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

- NOTE:**
1. Add Suffix ■ Coil voltage to complete product code
 2. 235 V (C5W) Coil available only upto 38 Amps (AC3) Contactors.
 3. 22A, 38A & 45A current ratings also available on request. (MOQ - 50 Nos.)
 4. For add-on accessories and spare coil refer Page No. 81 & 82.

Wide band Coil available in 50 Hz only
 Note: Stock for accessories are subject to availability
 ■ Non-Standard coil Extra MRP @ ₹ 180 per contactor
 * Available from CR-38A Contactor only.



robustTa Power Contactors

Conforming IEC60947-1 & IEC60947-4-1

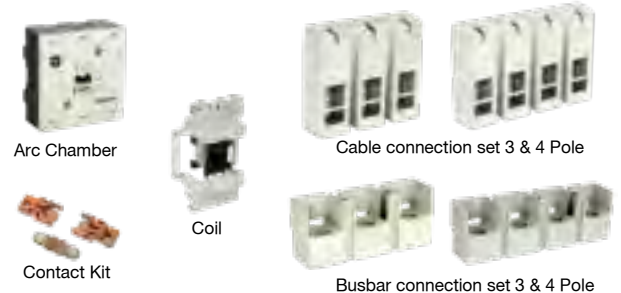


| Power Contactors 3 Pole : 115~160A AC3 | | | | | | | [HSN Code: 8536] | |
|--|---------------------|-----|-----|--------------------|-----|---------------|------------------|-----|
| AC1 Duty A | AC3 415 V Long Life | | | Auxiliary contacts | | With AC Coil | | MOQ |
| | kW | HP | A | | | Reference | MRP (₹) | |
| 200A | 55 | 73 | 115 | 1NO | 1NC | TC1-D115116■* | 24970 | 1 |
| | 55 | 73 | 115 | 1NO | 1NC | TC1-D11511■* | 25190 | |
| | 55 | 73 | 120 | 1NO | 1NC | TC1-D120116■* | 25710 | |
| | 55 | 73 | 120 | 1NO | 1NC | TC1-D12011■* | 26050 | |
| | 75 | 101 | 150 | 1NO | 1NC | TC1-D150116■* | 33570 | |
| | 75 | 101 | 150 | 1NO | 1NC | TC1-D15011■* | 34100 | |
| | 75 | 101 | 160 | 1NO | 1NC | TC1-D160116■* | 34810 | |
| | 75 | 101 | 160 | 1NO | 1NC | TC1-D16011■* | 35140 | |

| Power Contactors 4 Pole: Rating AC1 200A | | | | | [HSN Code: 8536] | |
|--|-------------------------|----|----------------|---------|------------------|--|
| AC1 Duty A | Main Pole Configuration | | With AC Coil | | MOQ | |
| | | | Reference | MRP (₹) | | |
| 200A | 4NO | -- | TC1-D115004■* | 27290 | 1 | |
| | 4NO | -- | TC1-D1150046■* | 26930 | | |
| | 4NO | -- | TC1-D150004■* | 35490 | | |
| | 4NO | -- | TC1-D1500046■* | 35320 | | |

* Busbar connection * Cable connection

| Spare main contacts sets (115~160), 3P/4P | | | | [HSN Code: 8538] | |
|---|----------------|---------|-----|------------------|--|
| Contactor | Reference | MRP (₹) | MOQ | | |
| TC1D115 | TA5 D115118031 | 9380 | 1 | | |
| TC1D120 | TA5 D120118031 | 9720 | | | |
| TC1D150 | TA5 D150118031 | 11000 | | | |
| TC1D160 | TA5 D160118031 | 11820 | | | |
| TC1D115004 | TA5 D115804 | 11520 | | | |
| TC1D150004 | TA5 D150804 | 12170 | | | |
| Spare Busbar connection sets (115~160), 3P/4P | | | | | |
| TC1D115 | TA9 D11511503 | 500 | 1 | | |
| TC1D120 | | | | | |
| TC1D150 | | | | | |
| TC1D160 | | | | | |
| TC1D115004 | TA9 D115504 | 780 | 1 | | |
| TC1D150004 | | | | | |
| Spare Arc Chamber (top housing) for 3P Contactors (115-160) | | | | | |
| TC1D115 | TA5 D1151150 | 330 | 1 | | |
| TC1D120 | TA5 D1201150 | | | | |
| TC1D150 | TA5 D1501150 | | | | |
| TC1D160 | TA5 D1601150 | | | | |
| Spare Coils (115~160), 3 Pole / 4 Pole | | | | | |
| AC Coil 50 Hz AC | TX1D8■B5 | 2630 | 1 | | |
| | TX1D8■F5 | | | | |
| | TX1D8■M5 | | | | |
| | TX1D8■N5 | | | | |



| Spare Cable connection sets (115~160), 3P/4P | | | | [HSN Code: 8538] | |
|---|---------------|---------|-----|------------------|--|
| Contactor | Reference | MRP (₹) | MOQ | | |
| TC1D115 | TA9 D11511603 | 1010 | 1 | | |
| TC1D120 | | | | | |
| TC1D150 | | | | | |
| TC1D160 | | | | | |
| TC1D115004 | TA9 D115604 | 1370 | 1 | | |
| TC1D150004 | | | | | |
| Spare Arc Chamber (top housing) for 4P Contactors (115-160) | | | | | |
| TC1D115004 | TA5 D115450 | 3410 | 1 | | |
| TC1D150004 | TA5 D150450 | | | | |

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

☒ Non Stockable item

Note: Stock for accessories are subject to availability.



robusta Power Contactors

Conforming IEC60947-1 & IEC60947-4-1



| Power Contactors with Dust Cover 3 Pole | | | | | | [HSN Code: 8536] | | | |
|---|---------------|-----|-----|--------------|---------|------------------|--------------|---------|-----|
| AC1 Duty A | AC3 Long Life | | | With AC Coil | | MOQ | With DC Coil | | MOQ |
| | kW | HP | A | Reference | MRP (₹) | | Reference | MRP (₹) | |
| 200 | 59 | 80 | 115 | LC1FDP115A | 27030 | 1 | LC1FDP115A | 31780 | 1 |
| 250 | 80 | 108 | 150 | LC1FDP150A | 37500 | | LC1FDP150A | 46170 | |
| 275 | 100 | 136 | 185 | LC1FDP185A | 44000 | | LC1FDP185A | 56560 | |
| 275 | 105 | 140 | 200 | LC1FDP200A | 48100 | | LC1FDP200A | 57000 | |
| 315 | 110 | 148 | 225 | LC1FDP225A | 49930 | | LC1FDP225A | 62180 | |
| 350 | 140 | 190 | 265 | LC1FDP265A | 61270 | | LC1FDP265A | 66720 | |
| 350 | 150 | 200 | 300 | LC1FDP300A | 66760 | | LC1FDP300A | 78650 | |
| 400 | 180 | 240 | 330 | LC1FDP330A | 73500 | | LC1FDP330A | 88200 | |
| 500 | 220 | 300 | 400 | LC1FDP400A | 85440 | | LC1FDP400A | 105680 | |
| 600 | 240 | 320 | 460 | LC1FDP460A | 112100 | | - | - | |
| 700 | 280 | 380 | 500 | LC1FDP500A | 117970 | | LC1FDP500A | 127720 | |
| 800 | 355 | 430 | 580 | LC1FDP580A | 120620 | | - | - | |
| 1000 | 375 | 500 | 630 | LC1FDP630A | 174720 | | LC1FDP630A | 196040 | |
| 1600 | 425 | 580 | 780 | LC1FDP780A | POR | | LC1FDP780A | - | |
| 1000 | 450 | 610 | 800 | LC1FDP800A | 326570 | | LC1FDP800A* | 335390 | |

- 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 | | | | | | Power Contactors with dust cover 4 Pole : Rating AC1 200A ~ 1600A | | | | | | [HSN Code: 8536] | |
|--|---------------------|-----|-----|--------------|---------|---|------------|-------------------------|--------------|---------|--------------|------------------|-----|
| AC1 Duty A | AC3 415 V Long Life | | | With AC Coil | | MOQ | AC1 Duty A | Main Pole Configuration | With AC Coil | | With DC Coil | | MOQ |
| | kW | HP | A | Reference | MRP (₹) | | | | Reference | MRP (₹) | Reference | MRP (₹) | |
| 200 | 59 | 80 | 115 | LC1FDP115HCA | POR | 1 | 200 | 4 NO | LC1FDP1154 | 32550 | LC1FDP1154 | 43680 | 1 |
| 250 | 80 | 110 | 150 | LC1FDP150HCA | | | 250 | 4 NO | LC1FDP1504 | 40920 | LC1FDP1504 | 58470 | |
| 275 | 100 | 135 | 185 | LC1FDP185HCA | | | 275 | 4 NO | LC1FDP1854 | 61590 | LC1FDP1854 | 78190 | |
| 315 | 110 | 150 | 225 | LC1FDP225HCA | | | 315 | 4 NO | LC1FDP2254 | 62980 | LC1FDP2254 | 77100 | |
| 350 | 140 | 190 | 265 | LC1FDP265HCA | | | 350 | 4 NO | LC1FDP2654 | 68200 | LC1FDP2654 | 85530 | |
| 355 | 150 | 200 | 300 | LC1FDP300HCA | | | 400 | 4 NO | LC1FDP3304 | 79260 | LC1FDP3304 | 103040 | |
| 400 | 180 | 220 | 330 | LC1FDP330HCA | | | 500 | 4 NO | LC1FDP4004 | 103250 | LC1FDP4004 | 123460 | |
| 500 | 220 | 300 | 400 | LC1FDP400HCA | | | 700 | 4 NO | LC1FDP5004 | 125070 | LC1FDP5004 | 148800 | |
| 700 | 280 | 380 | 500 | LC1FDP500HCA | | | 1000 | 4 NO | LC1FDP6304 | 241320 | LC1FDP6304 | 249200 | |
| 1000 | 375 | 500 | 630 | LC1FDP630HCA | | | 1600 | 4 NO | LC1FDP7804 | POR | LC1FDP7804 | POR | |

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

4 Pole Power Contactors with dust cover rating AC1 200-1600A are supplied factory assembled complete with No-Volt Coil and auxiliary contact block 2NO+2NC.

| AC Coil Voltage Codes for Contactors 115A-780A | | | | |
|--|---------|-----|-----|-----|
| Contactor | Voltage | | | |
| | 110 | 220 | 240 | 415 |
| LC1FDP115-225 50Hz | F5 | M5 | U5 | N5 |
| LC1FDP265-780 50/60Hz | F7 | M7 | U7 | N7 |

♦ Not Available for LC1FDP780

- Non-Standard coil available on request, Extra MRP@ ₹ 900 each per Contactor rating 115#780A

| DC Coil Voltage Codes for Contactors 115A-780A | | | | |
|--|---------|----|-----|-----|
| Contactor | Voltage | | | |
| | 24# | 48 | 110 | 220 |
| LC1FDP | BD | ED | FD | MD |

Not available for LC1FDP630 & LC1FDP780

| Coil Voltage Codes for Contactor 800A | | | |
|---------------------------------------|---------|---------|---------|
| Contactor | Voltage | | |
| | 110/127 | 220/240 | 380/400 |
| LC1-FDP - AC | FW* | MW* | QW** |
| LC1-FDP-DC | FW | MW | QW |

*With rectifier DRTE4U **With rectifier DRTE4S



Capacitor Duty Contactors 3 Pole, AC

Conforming IEC60947-1 & IEC60947-4-1



[HSN Code: 8536]



| Size | kVAR Rating | Auxiliary Contacts | Reference | MRP (₹) | MOQ |
|---------|-------------|--------------------|--------------|---------|-----|
| Frame 1 | 7 | 1NO+1NC | TC1D07K11 ■ | 3160 | 1 |
| | | 2NC | TC1D07K02 ■ | 3160 | |
| | 10 | 1NO+1NC | TC1D10K11 ■ | 3430 | |
| | | 2NC | TC1D10K02 ■ | 3430 | |
| | 12.5 | 1NO+1NC | TC1D12K11 ■ | 3690 | |
| | | 2NC | TC1D12K02 ■ | 3690 | |
| 16.7 | 1NO+1NC | TC1D16K11 ■ | 5200 | | |
| | 2NC | TC1D16K02 ■ | 5200 | | |
| Frame 2 | 20 | 1NO+1NC | TC1D20K11 ■ | 5890 | |
| | | 2NC | TC1D20K02 ■ | 5890 | |
| | 25 | 1NO+1NC | TC1D25K11 ■ | 6560 | |
| | | 2NC | TC1D25K02 ■ | 6560 | |
| Frame 3 | 33.3 | 1NO+2NC | TC1D33K12 ■ | 11780 | |
| | 40 | 1NO+2NC | TC1D40K12 ■ | 17600 | |
| | 50 | 1 NO+2NC | TC1D50K12 ■ | 18140 | |
| | 60 | 1NO+2NC | TC1D60K12 ■ | 20770 | |
| | 75 | 1NO+2NC | TC1D75K12 ■ | 24100 | |
| | 80 | 1NO+2NC | TC1D80K12 ■ | 25840 | |
| | 100 | 1NO+2NC | TC1D100K12 ■ | 26490 | |

| AC Coil Voltage robusta Capacitor Duty Contactors | | | | | | |
|---|---------|-----|-----|------|-----|-----|
| Contactor | Voltage | | | | | |
| TC1-D**K | 24 | 110 | 220 | 235 | 240 | 415 |
| 50Hz | B5 | F5 | M5 | C5W* | U5 | N5 |
| 50/60Hz | B7 | F7 | M7 | - | U7 | N7 |

* Available upto 25kVAR only.

How to order:

- i) Select applicable Coil Voltage required for Contactor.
- ii) Complete the code by replacing the ■
- iii) To order additional Auxiliary Block, Timers and other accessories, please refer Page No. 81



robusta Overload Relay

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 | * | * | ☒ TRD09301 | 9 | 1980 | TA7-D0964 MRP ₹360 [HSN Code: 8538] | 1 | | |
| 0.16 ~ 0.25 | * | * | ☒ TR2D09302 | | 1980 | | | | |
| 0.25 ~ 0.40 | * | * | TR2D09303 | | 1980 | | | | |
| 0.40 ~ 0.63 | * | * | TR2D09304 | | 1980 | | | | |
| 0.63 ~ 1.00 | 0.5 | 0.37 | TR2D09305 | | 1980 | | | | |
| 1.00 ~ 1.60 | 0.75 | 0.55 | TR2D09306 | | 1980 | | | | |
| 1.25 ~ 2.00 | 1 | 0.75 | TR2D093X6 | | 1980 | | | | |
| 1.60 ~ 2.50 | 1.5 | 1.1 | TR2D09307 | | 1980 | | | | |
| 2.50 ~ 4.00 | 2 | 1.5 | TR2D09308 | | 1980 | | | | |
| 4.00 ~ 6.00 | 3 | 2.2 | TR2D09310 | | 1980 | | | | |
| 5.50 ~ 8.00 | 5 | 3.7 | TR2D09312 | | 1980 | | | | |
| 7.00 ~ 10.0 | 5.5 | 4 | TR2D09314 | | 1980 | | | | |
| 9.0 ~ 13.0 | 7.5 | 5.5 | TR2D12316 | | 12 | | | 1980 | TA7-D3264 MRP ₹ 460 [HSN Code: 8538] |
| 9.0 ~ 14.0 | 7.5 | 5.5 | TR2D12316X | 12 | 1980 | | | | |
| 12.0 ~ 18.0 | 12 | 9 | TR2D18321 | 18 | 2390 | | | | |
| 14.0 ~ 22.0 | 12 | 9 | TR2D18321X | 18 | 2390 | | | | |
| 17.0 ~ 25.0 | 15 | 11 | TR2D25322 | 25 | 2390 | | | | |
| 23.0 ~ 32.0 | 20 | 15 | TR2D32353 | 32 | 3410 | | | | |
| 28.0 ~ 36.0 | 25 | 18 | TR2D32355 | | 3410 | | | | |
| 23.0 ~ 32.0 | 20 | 15 | TR2D40353 | 40 | 3710 | TA7-D4064 MRP ₹ 1690 [HSN Code: 8538] | 1 | | |
| 30.0 ~ 40.0 | 30 | 22 | TR2D40355 | | 3710 | | | | |
| 37.0 ~ 50.0 | 35 | 25 | TR2D65357 | | 50 | | | 4780 | |
| 48.0 ~ 65.0 | 40 | 30 | TR2D65359 | 65 | 6140 | | | | |
| 55.0 ~ 70.0 | 50 | 37 | TR2D65361 | | 6140 | | | | |
| 63.0 ~ 80.0 | 60 | 45 | TR2D80363 | | 80 | | | 6780 | |
| 80.0 ~ 93.0 | 65 | 49 | TR2D95365 | 95 | 6840 | | | | |
| Independent Mounting | | | | | | | | | |
| 65 ~ 105 | 75 | 55 | LR1F105 | - | 11000 | - | 1 | | |
| 80 ~ 125 | 80 | 59 | LR1F125 | | 11000 | | | | |
| 100 ~ 160 | 110 | 80 | LR1F160 | | 11000 | | | | |
| 125 ~ 200 | 135 | 100 | LR1F200 | | 11000 | | | | |
| 160 ~ 250 | 175 | 129 | LR1F250 | | 11000 | | | | |
| 200 ~ 315 | 220 | 160 | ☒ LR1F315 | | 14110 | | | | |
| 250 ~ 400 | 270 | 200 | ☒ LR1F400 | | 14110 | | | | |
| 315 ~ 500 | 350 | 257 | ☒ LR1F500 | | 14110 | | | | |
| 400 ~ 630 | 480 | 355 | ☒ LR1F630 | | 14110 | | | | |
| 500 ~ 800 | 580 | 425 | ☒ LR1F800 | | 40390 | | | | |
| 630 ~ 1000 | 680 | 500 | ☒ LR1F1000 | | 40390 | | | | |

| Thermal Overload Relays Protective Shroud for LR1-F105-630 | | | | [HSN Code: 8538] |
|--|-----------|---------|-----|------------------|
| Relay Type | Reference | MRP (₹) | MOQ | |
| LR1-F105 | ☒ LA9F702 | 2400 | 1 | |
| LR1-F125 | | 2400 | | |
| LR1-F160 | | 2400 | | |
| LR1-F200 | | 2400 | | |
| LR1-F250 | LA9F703 | 3160 | | |
| LR1-F315 | | 3160 | | |
| LR1-F400 | | 3160 | | |
| LR1-F500 | | 3160 | | |
| LR1-F630 | LA9F704 | 3410 | | |
| LR1-F800 | | 3410 | | |

| Heavy Duty Overload Relays Independent Mounting Trip class 30 | | | | [HSN Code: 8536] |
|---|-----------|---------|-----|------------------|
| Relay Setting Range (Amps) | Reference | MRP (₹) | MOQ | |
| 2.5-4.0 | TR6F4 | 15480 | 1 | |
| 4.0-6.3 | TR6F6.3 | 15480 | | |
| 6.3-10 | TR6F10 | 15480 | | |
| 8.0-12.5 | TR6F12.5 | 15480 | | |
| 10-16 | TR6F16 | 15480 | | |
| 16-25 | TR6F25 | 15480 | | |
| 25-40 | ☒ TR6F40 | 15480 | | |
| 40-63 | ☒ TR6F63 | 15480 | | |
| 63-100 | ☒ TR6F100 | 15480 | | |
| 100-160 | ☒ TR6F160 | 15480 | | |
| 125-200 | ☒ TR6F200 | 15480 | | |
| 160-250 | ☒ TR6F250 | 15480 | | |
| 250-400 | ☒ TR6F400 | 15480 | | |

☒ Non Stockable item



Accessories for robusTa & Exceed Contactors

| Add-On Block for Contactor Rating 9A~800A [HSN Code: 8538] | | | | | | | |
|--|---------------|-----------|------------|-----|----|-----|----|
| Contact Configuration | | Reference | MRP (₹) | MOQ | | | |
| Front Mounted | 1 NO | TA1-DN10* | 250 | 10 | | | |
| | 1 NC | TA1-DN01* | | | | | |
| | 2 NO | TA1-DN20 | 530 | 20 | | | |
| | 1 NO+1 NC | TA1-DN11 | | | | | |
| | 2 NC | TA1-DN02 | | | | | |
| | 4 NO | TA1-DN40 | | | | | |
| | Front Mounted | 3 NO+1 NC | TA1-DN31 | 780 | 20 | | |
| | | 2 NO+2 NC | TA1-DN22 | | | | |
| 1 NO+3 NC | | TA1-DN13 | | | | | |
| 4 NC | | TA1-DN04 | | | | | |
| Side Mounted | | 1 NO+1 NC | TA8-DN11** | | | 780 | 10 |
| | | 2 NO | TA8-DN20** | | | | |

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

| Spare AC Coils Control Relay & Contactor 9A-95A [HSN Code: 8538] | | | | |
|--|----------|-----------|---------|-----|
| Use for Contactor AC | | Reference | MRP (₹) | MOQ |
| TCA2-DN | TX1-D2 ■ | | 720 | 20 |
| TC1-D09 | | | | |
| TC1-D12 | | | | |
| TC1-D18 | | | | |
| TC1-D25 | TX1-D4 ■ | | 870 | 10 |
| TC1-D32 | | | | |
| TC1-D40 | | | | |
| TC1-D50 | TX1-D6 ■ | | 2280 | 10 |
| TC1-D63 | | | | |
| TC1-D80 | | | | |
| TC1-D95 | | | | |

| Spare DC Coils Control Relay & Contactor 9A-80A [HSN Code: 8538] | | | | |
|--|-----------|-----------|---------|-----|
| Use for Contactor DC | Reference | | MRP (₹) | MOQ |
| | Normal | Wideband | | |
| TCA3 - DN | TX4-D2 ■ | TX5-D2 ■ | 1170 | 1 |
| TP1 - D09 | | | | |
| TP1 - D12 | | | | |
| TP1 - D18 | TX4-D4 ■ | TX5-D4 ■ | 1290 | 1 |
| TP1 - D25 | | | | |
| TP1 - D32 | | | | |
| TP1 - D40 | | | | |
| TP1 - D50 | TX4-D40 ■ | TX5-D40 ■ | 3000 | 1 |
| TP1 - D65 | | | | |
| TP1 - D80 | | | | |
| TP1 - D95 | TX4-D80 ■ | TX5-D80 ■ | 6280 | 1 |

■ Complete the code for Spare Coil by indicating the Coil Voltage required after the reference *Please refer Page No. 76 for Coil Voltage available

NOTE: Stock for accessories are subject to availability



| Mechanical Interlocks - Horizontal Mounted [HSN Code: 8538] | | | | |
|---|---------|------------|---------|-----|
| Contact Configuration | | Reference | MRP (₹) | MOQ |
| AC | DC | | | |
| TC1-D09 | TP1-D09 | LA9-D09978 | 690 | 10 |
| TC1-D12 | TP1-D12 | | | |
| TC1-D18 | TP1-D18 | | | |
| TC1-D25 | TP1-D25 | | | |
| TC1-D32 | TP1-D32 | LA9-D50978 | 1690 | 10 |
| TC1-D40 | TP1-D40 | | | |
| TC1-D50 | TP1-D50 | | | |
| TC1-D65 | TP1-D65 | | | |
| TC1-D70 | TP1-D70 | | | |
| TC1-D80 | TP1-D80 | LA9-D80978 | 2220 | 10 |
| TC1-D95 | TP1-D95 | | | |

| Pneumatic Timer Block - Front Mounted [HSN Code: 8538] | | | | |
|--|-----------|-----------|-----------|------|
| Contact Configuration | | Reference | MRP (₹) | MOQ |
| ON delay | 1 NO+1 NC | TA2-DT0 | 0.1...3s | 10 |
| ON delay | 1 NO+1 NC | TA2-DT2 | 0.1...30s | |
| ON delay | 1 NO+1 NC | TA2-DT4 | 10...180s | |
| OFF delay | 1 NO+1 NC | TA3-DR0 | 0.1...3s | 10 |
| OFF delay | 1 NO+1 NC | TA3-DR2 | 0.1...30s | |
| OFF delay | 1 NO+1 NC | TA3-DR4 | 10...180s | |
| Star Delta | 1 NO+1 NC | TA2-DS2 | 1...30s | 2890 |

| 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 | 690 | 10 |
| | 110~240V AC/DC | TA9AMOV980U | | |
| | 70~150V AC/DC | TA9AMOV980F | | |
| RC Circuit (AC) Clip-on mounting | 24~48V AC | TA9RC980E | 690 | 10 |
| | 110~240V AC | TA9RC980U | | |
| | 380~440V AC | TA9RC980N | | |

| Electrical & Mechanical Interlocks-Horizontal Mounted [HSN Code: 8538] | | | | |
|--|---------|-------------|---------|-----|
| Use for Contactor | | Reference* | MRP (₹) | MOQ |
| AC | DC | | | |
| TC1-D09 | TP1-D09 | ELA9-D09978 | 820 | 10 |
| TC1-D12 | TP1-D12 | | | |
| TC1-D18 | TP1-D18 | | | |
| TC1-D25 | TP1-D25 | | | |
| TC1-D32 | TP1-D32 | ELA9-D50978 | 1840 | 10 |
| TC1-D40 | TP1-D40 | | | |
| TC1-D50 | TP1-D50 | | | |
| TC1-D65 | TP1-D65 | ELA9-D80978 | 2390 | 10 |
| TC1-D80 | TP1-D80 | | | |
| TC1-D95 | TP1-D95 | | | |



Accessories

| Spare AC Coils for Hoisting Power Contactor [HSN Code: 8538] | | | | | |
|--|------------|------------|------------|----------|---------|
| Contactor | 110V | 220V | 240V | 415V | MRP (₹) |
| LC1-FDP115HCA | LX9FF110V | LX9FF220V | LX9FF240V | - | 4940 |
| LC1-FDP150HCA | | | | | |
| LC1-FDP185HCA | LX9FG110V | LX9FG220V | LX9FG240V | - | 7230 |
| LC1-FDP225HCA | | | | | |
| LC1-FDP265HCA | LX9FH1102V | LX9FH2202V | LX9FH2402V | - | 7890 |
| LC1-FDP330HCA | | | | | |
| LC1-FDP400HCA | LX9FJ925 | LX9FJ931 | LX9FJ932 | LX9FJ936 | 16000 |
| LC1-FDP500HCA | LX9FK925 | LX9FK931 | LX9FK932 | LX9FK936 | 27050 |
| LC1-FDP630HCA | LX9FL924 | LX9FL930 | LX9FL931 | LX9FL936 | 27350 |

NOTE: The above Coil includes rectifier price. Standard Packing 1 No.

| Spare AC Coils for Contactors Rating 115-800A [HSN Code: 8538] | | | | | |
|--|-------------|-------------|-------------|-------------|---------|
| Contactor | 110V | 220V | 240V | 415V | MRP (₹) |
| LC1-FDP115A | LX1FF-110V | LX1FF-220V | LX1FF-240V | LX1FF-415V | 3740 |
| LC1-FDP150A | | | | | |
| LC1-FDP185A | LX1FG-110V | LX1FG-220V | LX1FG-240V | LX1FG-415V | 6740 |
| LC1-FDP200A | | | | | |
| LC1-FDP225A | LX1FH-1102V | LX1FH-2202V | LX1FH-2402V | LX1FH-4152V | 7890 |
| LC1-FDP265A | | | | | |
| LC1-FDP300A | LX1FJ-110V | LX1FJ-220V | LX1FJ-240V | LX1FJ-415V | 10490 |
| LC1-FDP330A | | | | | |
| LC1-FDP400A | LX1FK-110V | LX1FK-220V | LX1FK-240V | LX1FK-415V | 24970 |
| LC1-FDP500A | LX1FL-110V | LX1FL-220V | LX1FL-240V | LX1FL-415V | 25410 |
| LC1-FDP630A | LX1FX-110V | LX1FX-220V | LX1FX-240V | LX1FX-415V | 60720 |
| LC1-FDP800A | LX4F8FW | LX4F8MW | LX4F8MW | LX4F8QW* | 26650 |

AC Coils will be suitable for 50Hz only. *Available in 380/400V only

NOTE: The above Coil includes rectifier price. Std. Packing 1 Nos.

| Mechanical Interlocks for Contactor 115A-630A Vertically/Horizontally Mounted [HSN Code: 8538] | | | |
|--|-----------|---------|-----|
| Contactor | Reference | MRP (₹) | MOQ |
| Horizontally Mounted | | | |
| LC1-FDP115A | LA9-FF970 | 4540 | 1 |
| LC1-FDP150A | | | |
| LC1-FDP185A | LA9-FG970 | 5090 | |
| LC1-FDP200A | | | |
| LC1-FDP225A | | | |
| LC1-FDP265A | LA9-FJ970 | 5870 | |
| LC1-FDP300A | | | |
| LC1-FDP330A | | | |
| LC1-FDP400A | | | |
| LC1-FDP500A / LC1-FDPM5004A | | | |
| LC1-F630A / LC1-FDP800A | LA9-FL970 | 5870 | |
| Vertically Mounted | | | |
| LC1-FDP115A | LA9-FF4F | 5150 | 1 |
| LC1-FDP150A | | | |
| LC1-FDP185A | LA9-FG4G | 5430 | |
| LC1-FDP200A | | | |
| LC1-FDP225A | | | |
| LC1-FDP265A | LA9-FH4H | 6690 | |
| LC1-FDP300A | | | |
| LC1-FDP330A | | | |
| LC1-FDP400A | | | |
| LC1-FDP500A/LC1-FDPM5004A | LA9-FK4K | 42680 | |
| LC1-FDP800A/LC1-F630A | LA9-FL4L | | |
| LC1-FDP780A | LA9-FX970 | | |

Note: Stock for accessories are subject to availability

| Spare DC Coils for Contactors Rating 115A-800A [HSN Code: 8538] | | | | | |
|---|------------|------------|---------------|-----------|---------|
| Contactor | 110V | 220V | 24V | 48V | MRP (₹) |
| LC1-FDP115A | LX4FF-110V | LX4FF-220V | LX4FF-24V | LX4FF-48V | 12230 |
| LC1-FDP150A | | | | | |
| LC1-FDP185A | LX4FG-110V | LX4FG-220V | LX4FG-24V | LX4FG-48V | 15670 |
| LC1-FDP225A | | | | | |
| LC1-FDP265A | LX4FH-110V | LX4FH-220V | LX4FH-24V | LX4FH-48V | 19100 |
| LC1-FDP330A | | | | | |
| LC1-FDP400A | LX4FJ-110V | LX4FJ-220V | Not Available | LX4FJ-48V | 30570 |
| LC1-FDP500A | LX4FK-110V | LX4FK-220V | Not Available | LX4FK-48V | 33720 |
| LC1-FDP630A | LX4FL-110V | LX4FL-220V | Not Available | LX4FL-48V | 39490 |
| LC1-FDP780A | • | LX4FX-220V | • | • | 36330 |
| LC1-FDP800A | LX4F8FW | LX4F8MW | - | LX4F8QW* | 32500 |

NOTE: The above Coil includes rectifier price. Standard Packing 1 No.

•Contact Branch Office for product code. *Available in 380/400V only.

| Spare Top Housing for 3P/4P robusTa Contactors [HSN Code: 8538] | | | | | |
|---|------------|--------------|---------|-----|--|
| For Control Relay Contactor | Reference | | MRP (₹) | MOQ | |
| | AC | DC | | | |
| For 3 Pole | | | | | |
| TCA2-DN40, TCA3-DN40 | TA5-DN40 | TA5-DN40 DC | 1350 | 1 | |
| TCA2-DN31, TCA3-DN31 | TA5-DN31 | TA5-DN31 DC | | | |
| TCA2-DN22, TCA3-DN22 | TA5-DN22 | TA5-DN22 DC | | | |
| TC1-D0910, TP1-D0910 | TA5-D0910 | TA5-D0910 DC | | | |
| TC1-D0901, TP1-D0901 | TA5-D0901 | TA5-D0901 DC | | | |
| TC1-D1210, TP1-D1210 | TA5-D1210 | TA5-D1210 DC | | | |
| TC1-D1201, TP1-D1201 | TA5-D1201 | TA5-D1201 DC | | | |
| TC1-D1810, TP1-D1810 | TA5-D1810 | TA5-D1810 DC | | | |
| TC1-D1801, TP1-D1801 | TA5-D1801 | TA5-D1801 DC | | | |
| TC1-D2210, TP1-D2210 | TA5-D2210 | TA5-D2210 DC | | | |
| TC1-D2201, TP1-D2201 | TA5-D2201 | TA5-D2201 DC | 1920 | 1 | |
| TC1-D2510, TP1-D2510 | TA5-D2510 | TA5-D2510 DC | | | |
| TC1-D2501, TP1-D2501 | TA5-D2501 | TA5-D2501 DC | 2060 | 1 | |
| TC1-D3210, TP1-D3210 | TA5-D3210 | TA5-D3210 DC | | | |
| TC1-D3201, TP1-D3201 | TA5-D3201 | TA5-D3201 DC | 3760 | 1 | |
| TC1-D3810, TP1-D3810 | TA5-D3810 | TA5-D3810 DC | | | |
| TC1-D3801, TP1-D3801 | TA5-D3801 | TA5-D3801 DC | 5510 | 1 | |
| TC1-D4011, TP1-D4011 | TA5-D4011 | TA5-D4011 DC | | | |
| TC1-D5011, TP1-D5011 | TA5-D5011 | TA5-D5011 DC | 5650 | 1 | |
| TC1-D5011, TP1-D5011 | TA5-D5011 | TA5-D5011 DC | | | |
| TC1-D6511, TP1-D6511 | TA5-D6511 | TA5-D6511 DC | 7020 | 1 | |
| TC1-D6511, TP1-D6511 | TA5-D6511 | TA5-D6511 DC | | | |
| TC1-D7011, TP1-D7011 | TA5-D7011 | TA5-D6511 DC | 9660 | 1 | |
| TC1-D7011, TP1-D7011 | TA5-D7011 | TA5-D6511 DC | | | |
| TC1-D8011, TP1-D8011 | TA5-D8011 | TA5-D8011 DC | 10300 | 1 | |
| TC1-D8011, TP1-D8011 | TA5-D8011 | TA5-D8011 DC | | | |
| TC1-D9511, TP1-D9511 | TA5-D9511 | TA5-D9011 DC | 11420 | 1 | |
| TC1-D9511, TP1-D9511 | TA5-D9511 | TA5-D9011 DC | | | |
| TC1-D9511, TP1-D9511 | TA5-D9511 | TA5-D9011 DC | 13290 | 1 | |
| TC1-D9511, TP1-D9511 | TA5-D9511 | TA5-D9011 DC | | | |
| For 4 Pole | | | | | |
| TC1-D09004, TP1-D09004 | TA5-D09004 | TA5-D09004DC | 1710 | 1 | |
| TC1-D09008, TP1-D09008 | TA5-D09008 | TA5-D09008DC | | | |
| TC1-D12004, TP1-D12004 | TA5-D12004 | TA5-D12004DC | | | |
| TC1-D12008, TP1-D12008 | TA5-D12008 | TA5-D12008DC | | | |
| TC1-D25004, TP1-D25004 | TA5-D25004 | TA5-D25004DC | | | |
| TC1-D25008, TP1-D25008 | TA5-D25008 | TA5-D25008DC | | | |
| TC1-D40004, TP1-D40004 | TA5-D40004 | TA5-D40004DC | | | |
| TC1-D40008, TP1-D40008 | TA5-D40008 | TA5-D40008DC | | | |
| TC1-D65004, TP1-D65004 | TA5-D65004 | TA5-D65004DC | | | |
| TC1-D65008, TP1-D65008 | TA5-D65008 | TA5-D65008DC | | | |
| TC1-D80004, TP1-D80004 | TA5-D80004 | TA5-D80004DC | 2990 | 1 | |
| TC1-D80004, TP1-D80004 | TA5-D80004 | TA5-D80004DC | | | |
| TC1-D40004, TP1-D40004 | TA5-D40004 | TA5-D40004DC | 3480 | 1 | |
| TC1-D40008, TP1-D40008 | TA5-D40008 | TA5-D40008DC | | | |
| TC1-D40004, TP1-D40004 | TA5-D40004 | TA5-D40004DC | 6370 | 1 | |
| TC1-D40008, TP1-D40008 | TA5-D40008 | TA5-D40008DC | | | |
| TC1-D65004, TP1-D65004 | TA5-D65004 | TA5-D65004DC | 8160 | 1 | |
| TC1-D65008, TP1-D65008 | TA5-D65008 | TA5-D65008DC | | | |
| TC1-D65004, TP1-D65004 | TA5-D65004 | TA5-D65004DC | 10830 | 1 | |
| TC1-D65008, TP1-D65008 | TA5-D65008 | TA5-D65008DC | | | |
| TC1-D80004, TP1-D80004 | TA5-D80004 | TA5-D80004DC | 12680 | 1 | |
| TC1-D80004, TP1-D80004 | TA5-D80004 | TA5-D80004DC | | | |
| TC1-D80004, TP1-D80004 | TA5-D80004 | TA5-D80004DC | 12880 | 1 | |
| TC1-D80004, TP1-D80004 | TA5-D80004 | TA5-D80004DC | | | |

MOQ- Minimum Order Quantity



Accessories

| Spare Top Housing for 3P exceed Contactors [HSN Code: 8538] | | | |
|---|--------------|---------|-----|
| For Control Relay Contactor | Reference AC | MRP (₹) | MOQ |
| TCA2-DN40E | TA5-DN40E | 1050 | 1 |
| TCA2-DN31E | TA5-DN31E | | |
| TCA2-DN22E | TA5-DN22E | | |
| TC1D0901E | TA5-D0901E | | |
| TC1D0910E | TA5-D0910E | | |
| TC1D1201E | TA5-D1201E | | |
| TC1D1210E | TA5-D1210E | | |
| TC1D1801E | TA5-D1801E | 1230 | |
| TC1D1810E | TA5-D1810E | | |
| TC1D2501E | TA5-D2501E | 1480 | |
| TC1D2510E | TA5-D2510E | | |
| TC1D4011E | TA5-D4011E | 3840 | |
| TC1D5011E | TA5-D5011E | 5270 | |
| TC1D6511E | TA5-D6511E | 7360 | |
| TC1D8011E | TA5-D8011E | 9680 | |
| TC1D9511E | TA5-D9511E | 10520 | |

| Spare Arc Chamber 3P [HSN Code: 8538] | | | |
|---------------------------------------|--------------|---------|-----|
| Contactor | Reference | MRP (₹) | MOQ |
| LC1-FDP115A | LA5-F11550 | 3790 | 1 |
| LC1-FDP150A | LA5-F15050 | | |
| LC1-FDP185A | LA5-F18550 | 4060 | |
| LC1-FDP200A | LA5-F20050 | 4130 | |
| LC1-FDP225A | LA5-F22550 | 4160 | |
| LC1-FDP265A | LA5-F26550 | 4540 | |
| LC1-FDP300A | LA5-F30050 | 5700 | |
| LC1-FDP330A | LA5-F33050 | 6130 | |
| LC1-FDP400A | LA5-F40050 | 6540 | |
| LC1-FDP500A | LA5-F50050 | 7300 | |
| LC1-FDP630A | LA5-F63050 | 16970 | |
| LC1-FDP780A | LA5-F780150* | POR | |

| Spare Main Contact for 3P Contactors Rating 115A-800A [HSN Code: 8538] | | | |
|--|--------------------|---------|-----|
| Contactor | Reference | MRP (₹) | MOQ |
| LC1-FDP115A | LA5-FF431 (F115) | 13110 | 1 |
| LC1-FDP150A | LA5-FF431 (F150) | 18150 | |
| LC1-FDP185A | LA5-FG431 (F185) | 22800 | |
| LC1-FDP200A | LA5-FG431 (F200) | 26790 | |
| LC1-FDP225A | LA5-FG431 (F225) | 29980 | |
| LC1-FDP265A | LA5-FH431 (F265) | 32000 | |
| LC1-FDP300A | LA5-FH431 (F300) | 33410 | |
| LC1-FDP330A | LA5-F400803 (F330) | 35900 | |
| LC1-FDP400A | LA5-F400803 (F400) | 45070 | |
| LC1-FDP500A | LA5-F500803 (F500) | 59830 | |
| LC1-FDP630A | LA5-F630803 (F630) | 84970 | |
| LC1-FDP780A | LA5F780801(F7804) | 47800 | |
| LC1-FDP800A | LA5F800803(F800) | 95300 | |

| Spare Arc Chamber 4P [HSN Code: 8538] | | | |
|---------------------------------------|--------------|---------|-----|
| Contactor | Reference | MRP (₹) | MOQ |
| LC1-FDP1154A | LA5-F115450 | 3890 | 1 |
| LC1-FDP1504A | LA5-F150450 | | |
| LC1-FDP1854A | LA5-F185450 | 5490 | |
| LC1-FDP2254A | LA5-F225450 | 5730 | |
| LC1-FDP2654A | LA5-F265450 | 6850 | |
| LC1-FDP3304A | LA5-F330450 | 7230 | |
| LC1-FDP4004A | LA5-F400450 | 9010 | |
| LC1-FDPM5004A | LA5-F500450 | 10350 | |
| LC1-FDP6304A | LA5-F630450 | 20710 | |
| LC1-FDP7804A | LA5-F780150* | 13150 | |
| LC1-FDP8004A | LA5-F80050 | 20810 | |

| Spare Main Contact Sets for 4P Power Contactors Rating 115A-780A [HSN Code: 8538] | | | |
|---|---------------------|---------|-----|
| Contactor | Reference | MRP (₹) | MOQ |
| LC1-FDP1154A | LA5-FF441 (F1154) | 15360 | 1 |
| LC1-FDP1504A | LA5-FF441 (F1504) | 22870 | |
| LC1-FDP1854A | LA5FG441(F1854) | 33730 | |
| LC1-FDP2254A | LA5FG441(F2254) | 35240 | |
| LC1-FDP2654A | LA5-FH441 (F2654) | 37700 | |
| LC1-FDP3304A | LA5-F400804 (F3304) | 45600 | |
| LC1-FDP4004A | LA5-F400804 (F4004) | 51880 | |
| LC1-FDPM5004A | LA5-F500804 (F5004) | 81860 | |
| LC1-FDP6304A | LA5-F630804 (F6304) | 104830 | |
| LC1-FDP7804A | LA5-F780801 (F780) | 47170 | |

| *Coil Surge Suppressor - Contactor 115-630A [HSN Code: 8538] | | | |
|--|--------------|---------|-----|
| Description | Reference | MRP (₹) | MOQ |
| Coil Surge Suppressor for LC1FDP115-630A (3P/4P) | LA9F980(BR)* | 3010 | 5 |

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

- Complete spare main contact set available as per pole.
 - Main contact set per pole includes (2 Fixed contacts & 1 Moving contact, 2 Deflector, 1 Flat pole spring, 2 Fixing screws, 2 Washer).
 * Stock for accessories are subject to availability

Front Mount Add on block with IP67

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

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

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

ADD ON BLOCK SERIES IP67 NORMAL CONTACT

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

IP [] []

The first digit shows the level of protection against solid objects

The second digit shows the level of protection against liquids

6 Complete dust protection (No ingress of dust)

7 Protected against submersion in water under defined conditions of pressure and time

7 Harmful ingress of water when immersed between a depth of 150 to 1000mm (5.9~40 In)

Compatible products

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

| Spare AC Coils for Contactors Rating 115A to 2600A | | | | | |
|--|-----------|-----------|-----------|-----------|---------|
| Contactor | 110V | 220V | 240V | 415V | MRP (₹) |
| LC1-FDP1250A | LX1FL110V | LX1FL220V | LX1FL240V | LX1FL415V | 25410 |
| LC1-FDP1400A | LX1FK065V | LX1FK110V | LX1FK127 | LX1FK220V | 24970 |
| LC1-FDP1700A | | | | | |
| LC1-FDP2100A | | | | | |
| LC1-FDP2600A | LX1FL065V | LX1FL110V | LX1FL127V | LX1FL220V | 25410 |

* For 1400A-2600A 2 Nos required for each contactor
* For 1250A 1 Nos required for each contactor

| Spare DC Coils for Contactors Rating 115A to 2600A | | | | | |
|--|-----------|-----------|------|----------|---------|
| Contactor | 110V | 220V | 240V | 415V | MRP (₹) |
| LC1-FDP1250A | LX4FL110V | LX4FL220V | - | LX4FL48V | 39490 |
| LC1-FDP1400A | LX4FK055V | LX4FK110V | - | - | 33720 |
| LC1-FDP1700A | | | | | |
| LC1-FDP2100A | | | | | |
| LC1-FDP2600A | LX4FL055V | LX4FL110V | - | - | 39490 |

* For 1400A-2600A 2 Nos required for each contactor
* For 1250A 1 Nos required for each contactor

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



D Range Contactors & Overload Relays

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



| Control Relays 10 Amps | | [HSN Code: 8536] | |
|------------------------|----------------|------------------|-----|
| Contact Configuration | A.C. Reference | MRP (₹) | MOQ |
| 2NO+2NC | CA2DN1229 | 1660 | 1 |
| 3NO+1NC | CA2DN1319 | | |
| 4NO | CA2DN140 | | |

■ Please specify Coil Voltage.

| Power Contactors - 3 Pole, AC | | | | | | | [HSN Code: 8536] | |
|-------------------------------|------------|--------------------|------|----|--------------------|-----------|------------------|-----|
| Size | AC1 Duty A | AC3 415V Long Life | | | Auxiliary Contacts | Reference | MRP (₹) | MOQ |
| | | KW | HP | A | | | | |
| Frame 1 | 25 | 4 | 5.5 | 9 | 1NO - | LC1D093 | 1540 | 1 |
| | | | | | - 1NC | LC1D099 | 1540 | |
| | 25 | 5.5 | 7.5 | 12 | 1NO - | LC1D123 | 1730 | |
| | | | | | - 1NC | LC1D129 | 1730 | |
| | 32 | 9 | 12.5 | 16 | 1NO - | LC1D173 | 2030 | |
| | | | | | - 1NC | LC1D179 | 2030 | |
| | 32 | 11 | 15 | 22 | 1NO - | LC1D223 | 2340 | |
| | | | | | - 1NC | LC1D229 | 2340 | |
| Frame 2 | 40 | 11 | 15 | 25 | 1NO - | LC1D253 | 2710 | |
| | | | | | - 1NC | LC1D259 | 2710 | |
| | 50 | 15 | 20 | 32 | 1NO - | LC1D323 | 5520 | |
| | | | | | - 1NC | LC1D329 | 5520 | |
| Frame 3 | 60 | 22 | 30 | 40 | 1NO 1NC | LC1D403 | 8100 | |
| | 80 | 25 | 35 | 50 | 1NO 1NC | LC1D503 | 9720 | |
| | 80 | 37 | 50 | 63 | 1NO 1NC | LC1D633 | 13700 | |
| | 125 | 45 | 60 | 80 | 1NO 1NC | LC1D803 | 17200 | |

☒ Non Stockable item
MOQ - Minimum Order Quantity

| AC Coil Voltage Codes for D Range Contactors (Standard) | | | | | | |
|---|---------|----|------|------|------|------|
| Contactor | Voltage | | | | | |
| | 24 | 48 | 110* | 220* | 240* | 415* |
| LC1-D | B | E | F | M | U | N |

* Coils also available in wide band.

* Stock for accessories are subject to availability

| Thermal Overload Relays Type LR1-Direct Mounting | | | | | | [HSN Code: 8536] | | |
|--|---|-------|-------------|---------|--|------------------|------|--|
| Relay Setting Range A | Std. Power Rating for 3 Phase Motor at 415V | | Reference | MRP (₹) | Independent Mounting Kit | MOQ | | |
| | HP | KW | | | | | | |
| 0.10-0.16 | * | * | ☒ LR1D09301 | 2010 | Reference LA7-D0964 MRP ₹ 340 [HSN Code: 8538] | 10 | | |
| 0.16-0.25 | * | * | ☒ LR1D09302 | | | | | |
| 0.25-0.40 | * | * | LR1D09303 | | | | | |
| 0.40-0.63 | * | * | LR1D09304 | | | | | |
| 0.63-1.00 | 0.5 | 0.37 | LR1D09305 | | | | | |
| 1.00-1.60 | 0.75 | 0.55 | LR1D09306 | | | | | |
| 1.60-2.50 | 1.5 | 1.10 | LR1D09307 | | | | | |
| 2.50-4.00 | 2.00 | 1.50 | LR1D09308 | | | | | |
| 4.00-6.00 | 3.00 | 2.20 | LR1D09310 | | | | | |
| 5.50-8.00 | 5.00 | 3.70 | LR1D09312 | | | | | |
| 7.00-10.0 | 5.50 | 4.00 | LR1D09314 | | | | | |
| 10.0-13.0 | 7.50 | 5.50 | LR1D12316 | | | | | |
| 13.0-18.0 | 12.00 | 9.00 | LR1D16321 | | | | 2410 | Reference LA7-D4054 MRP ₹ 650 [HSN Code: 8538] |
| 18.0-25.0 | 15.00 | 11.00 | LR1D25322 | | | | | |
| 23.0-32.0 | 20.00 | 15.00 | LR1D32353 | 3460 | | | | |
| 28.0-40.0 | 20.00 | 15.00 | LR1D32355 | | | | | |
| 23.0-32.0 | 20.00 | 15.00 | LR1D40353 | 3800 | | | | |
| 30.0-40.0 | 30.00 | 22.00 | LR1D40355 | | | | | |
| 38.0-50.0 | 35.00 | 25.00 | LR1D63357 | 4400 | | | | |
| 48.0-57.0 | 40.00 | 30.00 | LR1D63359 | 6240 | | | | |
| 57.0-66.0 | 50.00 | 37.00 | LR1D63361 | 6880 | | | | |

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

| AC Coil Voltage Codes for D Range Contactors (Non-Standard) | | | |
|---|---------|-----|-----|
| Contactor | Voltage | | |
| | 42 | 360 | 380 |
| LC1-D | D | UW | Q |

For Non-Standard Coil Voltage, please add ₹ 180/- in the MRP.

| Thermal OLR Type LR1-Independent Mounting | | | | | [HSN Code: 8536] |
|---|---|----|------------|---------|------------------|
| Relay Setting Range A | Std. Power Rating for 3 Phase Motor at 415V | | Reference | MRP (₹) | MOQ |
| | HP | KW | | | |
| 66.0to80.0 | 60 | 45 | LR1-D80363 | 6850 | 1 |

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



Accessories



| Add-on-Blocks for D Range Contactors [HSN Code: 8538] | | | | |
|---|-----------|-----------|------|----|
| Contactor | Reference | MRP (₹) | MOQ | |
| Additional Instantaneous Aux. Contact Blocks | 2 NO | LA1D20 | 490 | |
| | 1 NO+1 NC | LA1D11 | | |
| | 2 NC | LA1D02 | | |
| | 4 NO | LA1D40 | 740 | |
| | 3 NO+1 NC | LA1D31 | | |
| | 2 NO+2 NC | LA1D22 | | |
| | 1 NO+3 NC | LA1D13 | | |
| | 4 NC | LA1D04 | | |
| Overlapping Aux. Contacts | 2 NO+2 NC | LA1D1111# | 1060 | 10 |

| Spare AC Coil Voltage for D Range Contactors AC (Standard) [HSN Code: 8538] | | | |
|---|-----------|---------|-----|
| Use for Contactor AC (Standard) | Reference | MRP (₹) | MOQ |
| CA2-DN1 | ☒ LX1-D09 | 740 | 15 |
| LC1-D09 | | | |
| LC1-D12 | | | |
| LC1-D17 | ☒ LX1-D25 | 880 | 10 |
| LC1-D25 | | | |
| LC1-D32 | | | |
| LC1-D40 | ☒ LX1-D40 | 2180 | 10 |
| LC1-D50** | | | |
| LC1-D63 | | | |
| LC1-D80** | | | |

■ Please specify Coil Voltage by indicating the Coil Voltage required.
 ** Spare Moulded Base for these Coils has Product code LA7-D40 and unit price is ₹220

| D Range Mechanical Interlocks Horizontally Mounted [HSN Code: 8538] | | | |
|---|------------|---------|-----|
| Use for Contactor AC | Reference | MRP (₹) | MOQ |
| LC1-D09 | LA9-D09978 | 690 | 10 |
| LC1-D12 | | | |
| LC1-D17 | | | |
| LC1-D22 | | | |
| LC1-D25 | | | |
| LC1-D32 | | | |
| LC1-D40 | LA9-D50978 | 1690 | |
| LC1-D50 | | | |
| LC1-D63 | | | |
| LC1-D80 | LA9-D80978 | 2220 | |

| Spare Top Housing 3P [HSN Code: 8538] | | | |
|---------------------------------------|------------|---------|-----|
| For Control Relay/Contactor AC | Reference | MRP (₹) | MOQ |
| CA2-DN140 | LA5-DN140 | 1280 | |
| CA2-DN1319 | LA5-DN1319 | | |
| CA2-DN1229 | LA5-DN1229 | | |
| LC1-D093 | ☒ LA5-D093 | 1460 | |
| LC1-D099 | LA5-D099 | | |
| LC1-D123 | ☒ LA5-D123 | 1580 | |
| LC1-D129 | LA5-D129 | | |
| LC1-D173 | LA5-D173 | 2070 | 1 |
| LC1-D179 | ☒ LA5-D179 | | |
| LC1-D223 | LA5-D223 | 4120 | |
| LC1-D229 | LA5-D229 | | |
| LC1-D253 | ☒ LA5-D253 | | |
| LC1-D259 | ☒ LA5-D259 | 6380 | |
| LC1-D323 | ☒ LA5-D323 | | |
| LC1-D329 | LA5-D329 | 7830 | |
| LC1-D403 | ☒ LA5-D403 | | |
| LC1-D503 | ☒ LA5-D503 | 10090 | |
| LC1-D633 | LA5-D633 | | |
| LC1-D803 | LA5-D803 | 13170 | |

| 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 | 740 | 10 |



* Stock for accessories are subject to availability

Accessories



| Add-on Starting Switch | | [HSN Code: 8538] | |
|--|------------|------------------|-----|
| Description | Reference | MRP (₹) | MOQ |
| NO starting Switch suitable for direct mounting on Control Relays & Contactors | LA9-D09906 | 240 | 10 |



| Mechanical Latching Blocks | | [HSN Code: 8538] | |
|--|--|------------------|-----|
| Description for Contractors / Control Relays Type | Reference | MRP (₹) | MOQ |
| CA2-DN1 LC1-D09, LC1-D12 LC1-D17, LC1-D25, LC1-D32 |  LA6-DK01  | 2990 | 10 |

■ Replace by voltage code

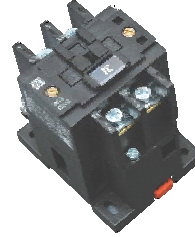
| AC Coil Voltage Codes (Standard) | | | | | | | | |
|----------------------------------|---------|----|----|-----|-----|-----|-----|---------|
| For Mechanical Latching Block | Voltage | | | | | | | |
| | 24 | 48 | 72 | 110 | 220 | 240 | 380 | 415/440 |
| LA6-DK01 | B | E | EN | F | M | U | Q | N |

* Stock for accessories are subject to availability



Contactors - 2 Pole & 4 Pole, AC

Conforming IEC60947-1, IEC60947-4-1



| Contactors - 4 Pole, AC [HSN Code: 8536] | | | | | | |
|--|----|----|--------------------------|-----------|---------|-----|
| AC3, 415V | | | Main Poles Configuration | Reference | MRP (₹) | MOQ |
| kW | HP | A | | | | |
| 7.5 | 10 | 20 | 4NO | TC1DX204 | 4090 | 1 |
| 11 | 15 | 25 | 4NO | TC1DX254 | 6010 | |
| 22 | 30 | 40 | 4NO | TC1DX404 | 9770 | |

■ 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 [HSN Code: 8538] | | | |
|---|-------------------------|---------|-----|
| Reference | Coil Voltage | MRP (₹) | MOQ |
| TX1D20 | 110/220/190~400/250~450 | 700 | 1 |

| Spare Contact Kit for 4 Pole Contactor [HSN Code: 8538] | | | |
|---|-------------------------|---------|-----|
| Reference | Description | MRP (₹) | MOQ |
| TA5DX204 | 20A Contact Kit, 4-Pole | 1330 | 1 |
| TA5DX254 | 25A Contact Kit, 4-Pole | 2300 | |
| TA5DX404 | 40A Contact Kit, 4-Pole | 3730 | |

| Add-on-Blocks for 4 Pole Contactors [HSN Code: 8538] | | | | |
|--|-----------------------|-----------|---------|-----|
| Description | Contact Configuration | Reference | MRP (₹) | MOQ |
| Front mounted Aux. contact Block | 1 NO+1 NC | TA1-DN11A | 540 | 2 |

Note : Also available with 2NC.

| Mechanical Interlock for 4 Pole Contactors [HSN Code: 8538] | | | |
|---|------------|---------|-----|
| Description | Reference | MRP (₹) | MOQ |
| Horizontal Mounted | LA9-D09978 | 650 | 10 |

| Contactors - 2 Pole, AC [HSN Code: 8536] | | | | | |
|--|-------------|--|-----------|---------|-----|
| AC1 Duty | AC3 220V AC | | Reference | MRP (₹) | MOQ |
| | A | | | | |
| 32 | 20 | | AC2-D202 | 1600 | 2 |
| 40 | 25 | | AC2-D252 | 2180 | |
| 40 | 40 | | AC2-D402 | 2980 | |

| AC Coil Voltage Codes (Standard) for 2 Pole Contactors | | | |
|--|---------|----------|------------|
| Contactor 2P | Voltage | | |
| | 220* | 220/240* | 380 / 415* |
| AC2-D2/D3/D4 | M5W | MU | QN |

* Wide band Coils ■ Please specify Coil Voltage.

| Spare Coil for 2 Pole Contactors [HSN Code: 8538] | | | |
|---|----------------|---------|-----|
| Reference | Coil Voltage | MRP (₹) | MOQ |
| AX1D2 MU | 220/240V, 50Hz | 470 | 5 |
| AX1D2 M | 220V, 50Hz | | |
| AX1D2 QN | 380/415V, 50Hz | | |
| AX1D2 N | 415V, 50Hz | | |

| Spare Contact Kit for 2 Pole Contactor [HSN Code: 8538] | | | |
|---|--------------------------|---------|-----|
| Reference | Description | MRP (₹) | MOQ |
| AC5D202 | 20A Contact Kit, 2-Pole | 710 | 1 |
| AC5D252 | 25A Contact Kit, 2-Pole | 1420 | |
| AC5D402 | 40A Contact Kit, 2-Pole | 1730 | |
| ☒ AC5D2011 | 20A Contact Kit, 1NO+1NC | 740 | |

| Add-on-Blocks for 2 Pole Contactors [HSN Code: 8538] | | | | |
|--|---------------------------|------------|---------|-----|
| Description | Contact Configuration | Reference | MRP (₹) | MOQ |
| Front mounted Aux. contact Block | 2 NO 1 NO+1 NC 2 NC | LA1-D20A | 500 | 20 |
| | | LA1-D11A | | |
| | | ☒ LA1-D02A | | |

| Thermal OLR 2 Pole type LR7D-Direct Mounting [HSN Code: 8536] | | | | |
|---|------------|---------|--|-----|
| Relay Setting Range (A) | Reference | MRP (₹) | Independent Mounting Kit | MOQ |
| 4.0-6.0 | LR7D09210 | 770 | LA7D0964 MRP ₹320 [HSN Code: 8538] | 1 |
| 5.5-8.0 | LR7D09212 | | | |
| 7.0-10 | LR7D09214 | | | |
| 9.0-14 | LR7D12216X | 930 | | |
| 13-18 | LR7D16221 | | | |
| 14-22 | LR7D16221X | | | |
| 18-25 | LR7D25222 | 1130 | | |
| 23-32 | LR7D32253 | | | |

☒ Non Stockable item

New Agro 4 Pole Contactor Series

Available in 2 Unique flexible models:

- Front opening model
- Rear opening model

- Front mounted Add-on block option.
- Easy field replaceable fixed / moving contact Easy maintenance
- Wide band encapsulated magnet coil. Easy replacement
- Common spare kits, coils, accessories in both models
- Flexible design permits change in coil and contacts locally
- Contactor conforming to IEC 60947-4-1
- Thick inter-phase molding walls with liberal clearance & creepage minimizes phase shorting risk



| New Agro Contactors - Front Opening | | | | | [HSN Code: 8536] | |
|-------------------------------------|------|--------------------|----|------------|------------------|---------|
| AC1 Duty | | AC3 415V Long life | | | Reference | MRP (₹) |
| A | KW | HP | A | | | |
| 25 | 7.5 | 10 | 16 | TC1DXN164* | 3220 | |
| 32 | 9 | 12.5 | 20 | TC1DXN204* | 3900 | |
| 40 | 11 | 15 | 25 | TC1DXN254* | 5720 | |
| 45 | 15 | 20 | 32 | TC1DXN324* | 7200 | |
| 50 | 18.5 | 25 | 40 | TC1DXN404* | 9120 | |

| New Agro Contactors - Rear Opening | | | | | [HSN Code: 8536] | |
|------------------------------------|------|--------------------|----|-------------|------------------|---------|
| AC1 Duty | | AC3 415V Long life | | | Reference | MRP (₹) |
| A | KW | HP | A | | | |
| 25 | 7.5 | 10 | 16 | TC1DXRN164* | 3300 | |
| 32 | 9 | 12.5 | 20 | TC1DXRN204* | 3980 | |
| 40 | 11 | 15 | 25 | TC1DXRN254* | 5840 | |
| 45 | 15 | 20 | 32 | TC1DXRN324* | 7350 | |
| 50 | 18.5 | 25 | 40 | TC1DXRN404* | 9300 | |

| Spare Contact Kit Codes | | |
|---------------------------|-----------|---------|
| Combination | Reference | MRP (₹) |
| 16A CONTACT KIT, 4 - POLE | TA5DXN164 | 1240 |
| 20A CONTACT KIT, 4 - POLE | TA5DXN204 | 1250 |
| 25A CONTACT KIT, 4 - POLE | TA5DXN254 | POR |
| 32A CONTACT KIT, 4 - POLE | TA5DXN324 | |
| 40A CONTACT KIT, 4 - POLE | TA5DXN404 | 3190 |

| C&S Standard Coil Voltages | | |
|----------------------------|-----------------|--------------------------------------|
| * Coil Code | Coil Voltage | Common for both Front & Rear opening |
| B | 24V, 50 Hz | |
| E | 48V, 50 Hz | |
| F | 110V, 50 Hz | |
| MU | 220/240V, 50 Hz | |
| QN | 380/415V, 50 Hz | |

| Spare Coil Codes | | |
|------------------|---------------|---------|
| * Coil Code | Coil Voltage | MRP (₹) |
| TX1DN30N | 415V 50Hz | 670 |
| TX1DN30Q | 380V 50Hz | |
| TX1DN30QN | 380/415V 50Hz | |
| TX1DN30M | 220V 50Hz | |
| TX1DN30MU | 220/240V 50Hz | |
| TX1DN30F | 110V 50Hz | |
| TX1DN30E | 48V 50Hz | |
| TX1DN30B | 24V 50Hz | |

| Auxiliary Block | | |
|-----------------|-----------|---------|
| Combination | Reference | MRP (₹) |
| 1NO + 1NC | TA1DXN11 | 530 |
| 2NO | TA1DXN20 | |
| 2NC | TA1DXN02 | |

- Stock for accessories are subject to availability

* Indicates Coil Code

 Non Stockable item

MOQ- Minimum Order Quantity

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 | 1110 | 1 |
| 30 | 40 | ☒TCDP301 | 1180 | |
| 40 | 50 | ☒TCDP401 | 1240 | |
| Single Pole (With Shunt) | | | | |
| 25 | 30 | TCDP251S | 1160 | 1 |
| 30 | 40 | TCDP301S | 1220 | |
| 40 | 50 | TCDP401S | 1330 | |
| Two Pole | | | | |
| 20 | 30 | TCDP202 | 1270 | 1 |
| 30 | 40 | TCDP302 | 1280 | |
| 40 | 50 | ☒TCDP402 | 1370 | |
| Three Pole | | | | |
| 20 | 30 | TCDP203 | 1510 | 1 |
| 30 | 40 | TCDP303 | 1550 | |
| 40 | 50 | ☒TCDP403 | 1760 | |

AC Coil Voltage Codes for Definite Purpose Contactors

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

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

[HSN Code: 8536]

| AC1 Duty A | Main Pole Configuration | With AC Coil | | MOQ |
|------------|-------------------------|--------------|---------|-----|
| | | Reference | MRP (₹) | |
| 25 | 4 NO | TC1DT254Ne | POR | 1 |
| 32 | 4 NO | ☒TC1DT324Ne | | |
| 32 | 2 NO+2 NC | TC1DT328Ne | | |
| 40 | 4 NO | ☒TC1DT404Ne | | |
| 50 | 4 NO | TC1DT504Ne | | |
| 45 | 4 NO | TC1DT45004E | | |
| 45 | 2 NO+2 NC | TC1DT45008E | | |
| 50 | 4 NO | TC1DT50004E | | |
| 50 | 2 NO+2 NC | TC1DT50008E | | |
| 63 | 4 NO | TC1DT63004E | | |
| 63 | 2 NO+2 NC | TC1DT63008E | | |

AC Coil for 4 Pole Telecom Contactor

| Contactor | Voltage | | | |
|------------|---------|-----|-----|-----|
| TC1-DT**Ne | 230 | 235 | 240 | 415 |
| 50Hz | P | C5W | M | N |

All coils codes applicable for extra wide band coils.

* Stock for accessories are subject to availability

☒ Non Stockable item

MOQ- Minimum Order Quantity

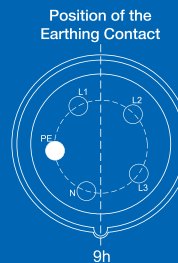
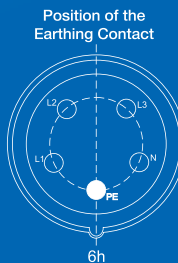
Industrial Plugs & Sockets



IEC 60309 Series
IP44 & IP67 Protection

BENEFITS

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



Control & Signalling Devices

Metallic & Polycarbonate Series



Push Buttons & Pilot Lamps

- Ø22.5 mm Push Buttons, Emergency Stop PB, Selector switch
Illuminated & Non Illuminated Actuators in Plastic & Metallic variants
- Pilot Lamps in LED / Filament / Neon types
- Push Button Stations 1/2/3/4 ways, IP65 / 166, NEMA-41/X protection
- High Mechanical and Electrical life
- Aesthetic and Elegant outlook
- Wide Range of colors I voltages available

Globally accepted




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* | 660 | 6 | - | - | - | CS62210* | 1100 | 6 |
| | | 32 | | CS62216* | 1130 | 6 | - | - | - | CS62221* | 1270 | 6 |
|  | Panel Mounting Socket - Water Tight | 16 | IP67 | CS62227 | 1420 | 6 | - | - | - | CS62232 | 1510 | 6 |
| | | 32 | | CS62238 | 1530 | 6 | - | - | - | CS62243 | 2000 | 6 |
| | | 63 | | <input checked="" type="checkbox"/> CS63249 | 5620 | 6 | - | - | - | CS63254 | 5160 | 6 |
| | | 125 | | - | - | - | - | - | - | CS62262 | 19330 | 6 |
|  | Surface Mounting Socket - Splash Proof | 16 | IP44 | CS62404 | 1090 | 6 | - | - | - | CS62409 | 1190 | 6 |
| | | 32 | | CS62415 | 1350 | 6 | - | - | - | CS62420 | 1430 | 6 |
|  | Surface Mounting Socket - Water Tight | 16 | IP67 | CS62426 | 1840 | 6 | - | - | - | <input checked="" type="checkbox"/> CS62431 | 2410 | 6 |
| | | 32 | | <input checked="" type="checkbox"/> CS62437 | 2300 | 6 | <input checked="" type="checkbox"/> CS62283 | 2580 | 3 | CS62442 | 2770 | 6 |
| | | 63 | | <input checked="" type="checkbox"/> CS63448 | 7090 | 6 | - | - | - | CS63453 | 7270 | 6 |
| | | 125 | | - | - | - | - | - | - | <input checked="" type="checkbox"/> CS63463 | 25040 | 6 |
|  | Plugs - Splash Proof | 16 | IP44 | CS60004* | 570 | 6 | - | - | - | CS60009* | 760 | 6 |
| | | 32 | | CS60015* | 910 | 6 | - | - | - | CS60020* | 1100 | 6 |
|  | Plugs - Water Tight | 16 | IP67 | CS60026 | 1220 | 6 | - | - | - | CS60031 | 1610 | 6 |
| | | 32 | | CS60037 | 1890 | 6 | CS60145 | 1930 | 3 | CS60042 | 1970 | 6 |
| | | 63 | | <input checked="" type="checkbox"/> CS61048 | 5340 | 6 | - | - | - | CS61053 | 5520 | 6 |
| | | 125 | | - | - | - | - | - | - | CS60061 | 16400 | 6 |
|  | Surface Mounting Interlocked Switched Socket Outlet - Horizontal | 16 | IP44 | CS66004(H) | 8660 | 6 | - | - | - | <input checked="" type="checkbox"/> CS66109(H) | 11040 | 6 |
| | | 32 | | <input checked="" type="checkbox"/> CS66015(H) | 10300 | 6 | - | - | - | <input checked="" type="checkbox"/> CS66020(H) | 12340 | 6 |
|  | Surface Mounting Interlocked Switched Socket Outlet - Vertical | 16 | IP67 | CS66200 | 9490 | 6 | - | - | - | <input checked="" type="checkbox"/> CS66202 | 13440 | 6 |
| | | 32 | | <input checked="" type="checkbox"/> CS66201 | 13260 | 6 | - | - | - | <input checked="" type="checkbox"/> CS66203 | 16030 | 6 |
|  | Connector - Splash Proof | 16 | IP44 | CS62004* | 830 | 6 | - | - | - | <input checked="" type="checkbox"/> CS66215* | 950 | - |
| | | 32 | | CS62015* | 1050 | 6 | - | - | - | CS66225* | 1340 | - |
|  | Connector Water Tight | 32 | IP67 | - | - | - | CS62128 | 2580 | 3 | - | - | |

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

[HSN Code: 8536]

| AC Distribution Box with Socket | Description | Rating (Amp) | Protection Degree | Code | MRP (₹) | Reference h |
|---|--|--------------|-------------------|----------|---------|-------------|
|  | AC Distribution Box (Includes Socket & Plug) | 16A 3P 240V | IP40 | CS60045* | 2050 | 6 |
| | | 32A 3P 240V | | CS60046* | 2530 | 6 |
| | | 32A 5P 415V | | CS60047* | 3800 | 6 |
| | | 63A 5P 415V | | CS60048* | 9890 | 6 |

* Stock for accessories are subject to availability

Non Stockable item







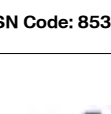



MOQ- Minimum Order Quantity









GLOBAL CERTIFICATION



Push Buttons: 22.5mm
Without Contact Elements

| Push Button Actuators with Carrier-Non-Illuminated | | [HSN Code: 8536] | | |
|--|---------------|------------------|-----|---|
| Description | Reference | MRP (₹) | MOQ | Product Picture |
| Push Spring Return Push Button | RCP2-BA1○ | 120 | 20 |  |
| | ☒ RCP2-BA2● | | | |
| | RCP2-BA3● | | | |
| | RCP2-BA4● | | | |
| | RCP2-BA5● | | | |
| | ☒ RCP2-BA6● | | | |
| Flush Spring Return Push Button with contact | ☒ RCP2BA33● | 270 | 10 |  |
| | RCP2BA35● | | | |
| Projecting Push Button | RCP2-BL1○ | 120 | 20 |  |
| | RCP2-BL2● | | | |
| | RCP2-BL3● | | | |
| | RCP2-BL4● | | | |
| | RCP2-BL5● | | | |
| | RCP2-BL6● | | | |
| Mushroom Head Push Button, Spring Return | RCP2-BC2● | 170 | 8 |  |
| | RCP2-BC3● | | | |
| | ☒ RCP2-BC4● | | | |
| | RCP2-BC5● | | | |
| | RCP2-BC6● | | | |
| | RCP2-BC6● | | | |
| Mushroom Head Push Button, Spring Return with contact | RCP2-BC21● | 250 | 8 |  |
| | RCP2-BC31● | | | |
| | ☒ RCP2-BC42● | | | |
| | RCP2-BC51● | | | |
| | RCP2-BC61● | | | |
| Mushroom Head ∅40mm Push Button Stay Put turn to release | RCP2BS54● | 230 | 8 |  |
| Mushroom Head ∅40mm Push Button Stay Put turn to release | RCP2BT4● | | | |
| Mushroom Head ∅60mm Push Button Stay Put turn to release | RCP2BS64● | 340 | 5 |  |
| Mushroom Head Push Button, Push to Stay & Key to release | RCP2BS14● | 460 | 8 | |
| Push Button Stay Put ∅30mm (Press to Lock turn to release) | RCP2BS44● | 220 | 10 | |
| Push Button Actuators with Carrier & Contact Element-Non-Illuminated | | [HSN Code: 8536] | | |
| Flush Spring Return Push Button with 1NO Block | ☒ RCP2-BA11○ | 180 | 10 |  |
| | ☒ RCP2-BA21● | | | |
| | RCP2-BA31● | | | |
| | RCP2-BA51● | | | |
| | RCP2-BA61● | | | |
| | RCP2-BA41● | | | |
| Push Button with 1NC Block | RCP2-BA42● | | |  |
| | | | | |
| Projecting Head Push Button with 1NO Block | RCP2-BL11○ | 180 | 10 |  |
| | RCP2-BL21● | | | |
| | ☒ RCP2-BL31● | | | |
| | RCP2-BL51● | | | |
| | RCP2-BL61● | | | |
| Projecting PB with 1NC Block | ☒ RCP2-BL42● | | | |
| PB Actuators-Illuminated Flush w/o Series Resistor | | [HSN Code: 8536] | | |
| Illuminated Actuator, Flush (With BA9 Filament Bulb) 12V, 24V, 48V, 110V AC / DC | RCP2-BW316▲○ | 270 | 10 |  |
| | RCP2-BW336▲● | | | |
| | RCP2-BW346▲● | | | |
| | RCP2-BW356▲● | | | |
| | RCP2-BW366▲● | | | |
| | RCP2-BW376▲○ | | | |
| Illuminated Actuator, Flush (With BA9 Neon Bulb) 220V, 380V, 415V AC / DC | RCP2-BWN336▲● | | |  |
| | RCP2-BWN346▲● | | | |
| | RCP2-BWN356▲● | | | |
| | RCP2-BWN366▲● | | | |

| Push Button Actuators - Illuminated Flush with Series Resistor | | [HSN Code: 8536] | | | | | | |
|--|-----------------|------------------|---------|---|----------|--------|---------|----------|
| Description | Reference | MRP (₹) | MOQ | Product Picture | | | | |
| Illuminated Actuator, Flush (with BA9S Filament Bulb, 130V) 220V AC/DC | RCP2-BW317▲○ | 290 | 10 |  | | | | |
| | ☒ RCP2-BW337▲● | | | | | | | |
| | ☒ RCP2-BW347▲● | | | | | | | |
| | RCP2-BW357▲● | | | | | | | |
| | RCP2-BW367▲● | | | | | | | |
| | RCP2-BW377▲○ | | | | | | | |
| | RCP2-BW387▲● | | | | | | | |
| LED Type Push Button Actuators - Illuminated Flush | | | | | | | | |
| Flush Illuminated with Integral Circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | RCP2-BWL317▲○ | 340 | 10 |  | | | | |
| | RCP2-BWL337▲● | | | | | | | |
| | ☒ RCP2-BWL347▲● | | | | | | | |
| | ☒ RCP2-BWL357▲● | | | | | | | |
| | ☒ RCP2-BWL377▲○ | | | | | | | |
| | RCP2-BWL387▲● | | | | | | | |
| | RCP2-BWL367▲● | | | | 600 | | | |
| Push Button Actuator-Illuminated Projecting without Series Resistor | | | | | | | | |
| Illuminated Actuator, Flush (with BA9 filament bulb) 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | RCP2-BW116▲○ | 260 | 10 |  | | | | |
| | RCP2-BW136▲● | | | | | | | |
| | RCP2-BW146▲● | | | | | | | |
| | RCP2-BW156▲● | | | | | | | |
| | RCP2-BW186▲● | | | | | | | |
| | RCP2-BW166▲● | | | | | | | |
| | RCP2-BW176▲○ | | | | | | | |
| Illuminated Actuator, Flush (With BA9 Neon Bulb) 220V, 380V, 415V (AC/DC) | RCP2-BWN136▲● | | |  | | | | |
| | RCP2-BWN146▲● | | | | | | | |
| | RCP2-BWN156▲● | | | | | | | |
| | RCP2-BWN186▲● | POR | | | | | | |
| Push Button Actuator-Illuminated projecting without Series Resistor | | | | | | | | |
| Illuminated Actuator, Projecting (with BA9S Filament Bulb, 130V) 220V (AC/DC) | RCP2-BW117▲○ | 270 | 10 |  | | | | |
| | RCP2-BW137▲● | | | | | | | |
| | RCP2-BW147▲● | | | | | | | |
| | RCP2-BW157▲● | | | | | | | |
| | RCP2-BW187▲● | | | | | | | |
| | RCP2-BW167▲● | | | | | | | |
| | RCP2-BW177▲○ | | | | | | | |
| LED Type Push Button Actuators - Illuminated Projecting Type of voltage AC/DC to be specified | | | | | | | | |
| Projecting Illuminated Actuator, with integral LED, suitable for operating 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | RCP2-BWL117▲○ | 340 | 10 |  | | | | |
| | ☒ RCP2-BWL137▲● | | | | | | | |
| | ☒ RCP2-BWL147▲● | | | | | | | |
| | RCP2-BWL157▲● | | | | | | | |
| | RCP2-BWL177▲○ | | | | | | | |
| | RCP2-BWL187▲● | | | | | | | |
| | RCP2-BWL167▲● | | | | 610 | | | |
| Colour Code for Actuator / Lens | | | | | | | | |
| Colour Code | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Colour of Actuator | White ○ | Black ● | Green ● | Red ● | Yellow ● | Blue ● | - | - |
| Colour of Lens | White ○ | - | Green ● | Red ● | Amber ● | Blue ● | Clear ○ | Yellow ● |

Push Buttons: 22.5mm
Without Contact Elements

GLOBAL CERTIFICATION



| Selector Switch Actuators with Carrier | | [HSN Code: 8536] | | |
|---|--------------|------------------|-----|-----------------|
| Description | Reference | MRP (₹) | MOQ | Product Picture |
| 2-Position Selector Switch (stay put) | RCP2-BD2 | 330 | 10 | |
| 3-Position Selector Switch, centre 'OFF' (stay put) | RCP2-BD3 | | | |
| 2-Position Selector Switch with extra long knob (stay put) | ☒ RCP2-BJ2 | 330 | 10 | |
| 3-Position Selector Switch, with extra long knob centre 'OFF' (stay put) | RCP2-BJ3 | | | |
| 3-Position Selector Switch (Spring Return) | RCP2-BDR3 | 350 | 10 | |
| 3-Position Selector Switch extra long knob (Spring Return) | ☒ RCP2-BJR3 | 350 | 10 | |
| Selector Switch Actuators with Carrier & Contact Element | | | | |
| 2-Position Selector Switch (stay put) with 1NO Block | ☒ RCP2-BD21 | 380 | 10 | |
| 2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block | RCP2-BD25 | 460 | | |
| 3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block | RCP2-BD35 | | | |
| Key Actuators with Carrier | | | | |
| 2-Position Key Switch, Key removable in unactuated position | ☒ RCP2-BG2 | 470 | 10 | |
| 2-Position Key Switch, Key removable in both position | ☒ RCP2-BG4 | | | |
| 2-Position Key Switch, Key removable in 'Right Hand' position | RCP2-BG02 | | | |
| 3-Position Key Switch, Key removable in centre 'OFF' position | ☒ RCP2-BG3 | 480 | 10 | |
| 3-Position Key Switch, Key removable in all position | RCP2-BG0 | | | |
| 3-Position Key Switch, Key removable in 'Left Hand & Right Hand' position | RCP2-BG5 | | | |
| 3-Position Key Switch, Key removable in 'Left Hand' position | ☒ RCP2-BG9 | | | |
| 3-Position Key Switch, Key removable in 'Right Hand' position | RCP2-BG7 | | | |
| | | | | |
| Push Buttons Extended Range | | | | |
| Reset Extended Actuator Pushbutton - Round Type | ☒ RCB2AL8R | 110 | 24 | |
| Reset Extended Actuator Pushbutton - Hex Type | ☒ RCB2AL8H | | | |
| Plastic Adopter for 30 mm hole to 22.5 mm. | ☒ RP2-BZ41M | 35 | 30 | |
| Metal Adopter for 30 mm hole to 22.5 mm | ☒ RB2-BZ41M | | | |
| Recess (Guarded) Push button - Plastic | RP2-BA16 ○ | 95 | 20 | |
| | RP2-BA26 ● | | | |
| | ☒ RP2-BA36 ● | | | |
| | ☒ RP2-BA46 ● | | | |
| | RP2-BA56 ● | | | |
| | RP2-BA66 ● | | | |

| Push Buttons Extended Range | | [HSN Code: 8536] | | |
|---|------------------|------------------|-----|-----------------|
| Description | Reference | MRP (₹) | MOQ | Product Picture |
| Intermittent Sounding Flashing Buzzer 15 ~ 20 mA, sound level 80 dB.24V, 48V, 110V AC/DC 240V AC (* Add Voltage code) | ☒ RB2-KS* ● | 360 | 15 | |
| Pilot Lamps with Series Resistor | | | | |
| Pilot Lamp (with BA9S Filament Bulb 130V) 220V AC / DC | RCP2-BV71 ▲○ | 240 | 10 | |
| | RCP2-BV73 ▲● | | | |
| | RCP2-BV74 ▲●● | | | |
| | ☒ RCP2-BV75 ▲●● | | | |
| | RCP2-BV76 ▲●● | | | |
| | RCP2-BV77 ▲○ | | | |
| Pilot Lamps with Series Resistor & Diode | | | | |
| Pilot Lamp (with BA9S Filament Bulb 130V) 110V AC, 220V DC, | RCP2 BVD71 ▲○ | 260 | 10 | |
| | RCP2-BVD73 ▲● | | | |
| | ☒ RCP2-BVD74 ▲●● | | | |
| | ☒ RCP2-BVD75 ▲●● | | | |
| | ☒ RCP2-BVD76 ▲●● | | | |
| | RCP2-BVD77 ▲○ | | | |
| LED Type Pilot Lamp Type of voltage AC / DC to be specified | | | | |
| Pilot Light with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | ☒ RCP2-BVL73 ▲●● | 310 | 10 | |
| | ☒ RCP2-BVL74 ▲●● | | | |
| | ☒ RCP2-BVL75 ▲●● | | | |
| | RCP2-BVL77 ▲○ | | | |
| | RCP2-BVL71 ▲○ | | | |
| | ☒ RCP2-BVL78 ▲●● | | | |
| | 560 | | | |

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. 96.



GLOBAL CERTIFICATION



Push Buttons: 22.5mm

Metallic Range (Without Contact Elements)

| Push Button Actuators with Carrier-Non-Illuminated [HSN Code: 8536] | | | | |
|--|--------------|---------|-----|-----------------|
| Description | Reference | MRP (₹) | MOQ | Product Picture |
| Flush Spring Return Push Button | RCB2-BA1 ○ | 130 | | |
| | RCB2-BA2 ● | | | |
| | RCB2-BA3 ● | | | |
| | RCB2-BA4 ● | | | |
| | RCB2-BA5 ● | | | |
| | RCB2-BA6 ● | | | |
| Projecting Push Button | RCB2-BL1 ○ | 130 | 20 | |
| | RCB2-BL2 ● | | | |
| | RCB2-BL3 ● | | | |
| | RCB2-BL4 ● | | | |
| | RCB2-BL5 ● | | | |
| | RCB2-BL6 ● | | | |
| Booted Push Button | RCB2-BP2 ● | 190 | | |
| | RCB2-BP3 ● | | | |
| | RCB2-BP4 ● | | | |
| | RCB2-BP5 ● | | | |
| | RCB2-BP6 ● | | | |
| | RCB2-BP6 ● | | | |
| Mushroom Head Push Button, Spring Return | RCB2-BC2 ● | 190 | 8 | |
| | RCB2-BC3 ● | | | |
| | RCB2-BC4 ● | | | |
| | RCB2-BC5 ● | | | |
| Mushroom Head Push Button Stay Put (press to lock, turn to release) | RCB2-BS54 ● | 270 | 8 | |
| | RCB2-BS64 ● | 340 | 5 | |
| Mushroom Head Push Button, Push to Stay & Pull to release | RCB2-BT4 ● | 300 | 8 | |
| Mushroom Head Push Button, premarked Pull to Reset | RCB2-BT43 ● | | | |
| Mushroom Head Key Switch, StayPut, Key removable in both positions (press to lock and key to release) | RCB2-BS14 ● | 530 | 8 | |
| Push Button Stay Put (press to lock, turn to release) | RCB2-BS44 ● | 260 | 10 | |
| Push Button Actuators with Carrier & Contact Element-Non-Illuminated [HSN Code: 8536] | | | | |
| Flush Spring Return Push Button with 1NO Block | RCB2-BA11 ○ | 230 | 10 | |
| | RCB2-BA21 ● | | | |
| | RCB2-BA31 ● | | | |
| | RCB2-BA51 ● | | | |
| | RCB2-BA61 ● | | | |
| | RCB2-BA41 ● | | | |
| Push Button with 1NC Block | RCB2-BA42 ● | | | |
| Push Button with 2NO Block | RCB2-BA33 ● | 320 | | |
| Projecting Head Push Button with 1NO Block | RCB2-BL11 ○ | 230 | 10 | |
| | RCB2-BL21 ● | | | |
| | RCB2-BL31 ● | | | |
| | RCB2-BL51 ● | | | |
| Projecting PB with 1NC Block | RCB2-BL42 ● | | | |
| Mushroom Head Push Button Stay Put (press to lock, turn to release) with 1NC Block | RCB2-BS542 ● | 360 | 8 | |
| | RCB2-BS642 ● | 430 | 4 | |
| Mushroom Head Actuators - Illuminated [HSN Code: 8536] | | | | |
| Mushroom head push button illuminated (with BA9S Filament Bulb, 130V) 220V AC/DC -2 Position Momentary | RCB2-BW437 ● | 650 | 8 | |
| | RCB2-BW447 ● | | | |
| | RCB2-BW637 ● | 710 | | |
| | RCB2-BW647 ● | | | |

| Push Button Actuators-Illuminated Flush without Series Resistor [HSN Code: 8536] | | | | |
|--|---------------|---------|-----|-----------------|
| Description | Reference | MRP (₹) | MOQ | Product Picture |
| Illuminated Actuator, Flush (with BA9S Filament Bulb) 12V, 24V, 48V, 110V AC/DC | RCB2-BW316 ○ | 300 | 10 | |
| | RCB2-BW336 ● | | | |
| | RCB2-BW346 ● | | | |
| | RCB2-BW356 ● | | | |
| | RCB2-BW366 ● | | | |
| | RCB2-BW376s ○ | | | |
| Illuminated Actuator, Flush (with BA9S Neon Bulb) 220V, 380V, 415V AC/DC | RCB2-BWN336 ● | 300 | | |
| | RCB2-BWN346 ● | | | |
| | RCB2-BWN356 ● | | | |
| Push Button Actuators-Illuminated Flush with Series Resistor | | | | |
| Illuminated Actuator, Flush (with BA9S Filament Bulb, 130V) 220V AC/DC | RCB2-BW317 ○ | 320 | 10 | |
| | RCB2-BW337 ● | | | |
| | RCB2-BW347 ● | | | |
| | RCB2-BW357 ● | | | |
| | RCB2-BW387 ● | | | |
| | RCB2-BW367 ● | | | |
| RCB2-BW377 ○ | | | | |
| LED Type Push Button Actuators - Illuminated Flush | | | | |
| Flush Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | RCB2-BWL337 ● | 380 | 10 | |
| | RCB2-BWL347 ● | | | |
| | RCB2-BWL357 ● | | | |
| | RCB2-BWL317 ○ | | | |
| | RCB2-BWL377 ● | | | |
| | RCB2-BWL387 ● | | | |
| RCB2-BWL367 ● | 630 | | | |
| Push Button Actuators-Illuminated Projecting without Series Resistor | | | | |
| Illuminated Actuator, Projecting (with BA9S Filament Bulb) 12V, 24V, 48V, 110V AC/DC | RCB2-BW116 ○ | 270 | 10 | |
| | RCB2-BW136 ● | | | |
| | RCB2-BW146 ● | | | |
| | RCB2-BW156 ● | | | |
| | RCB2-BW166 ● | | | |
| | RCB2-BW176 ○ | | | |
| Illuminated Actuator, Projecting (with BA9S Neon Bulb) 220V, 380V, 415V AC/DC | RCB2-BWN136 ● | 270 | | |
| | RCB2-BWN146 ● | | | |
| | RCB2-BWN156 ● | | | |
| Push Button Actuators - Illuminated Projecting with Series Resistor | | | | |
| Illuminated Actuator, Projecting (with BA9S Filament Bulb, 130V) 220VAC/DC | RCB2-BW117 ○ | 270 | 10 | |
| | RCB2-BW137 ● | | | |
| | RCB2-BW147 ● | | | |
| | RCB2-BW157 ● | | | |
| | RCB2-BW167 ● | | | |
| | RCB2-BW177 ○ | | | |
| | RCB2-BW177 ○ | | | |
| LED Type Push Button Actuators - Illuminated Projecting Type of voltage AC/DC to be specified | | | | |
| Projecting Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | RCB2-BWL137 ● | 380 | 10 | |
| | RCB2-BWL147 ● | | | |
| | RCB2-BWL157 ● | | | |
| Projecting Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | RCB2-BWL167 ● | 720 | | |
| | RCB2-BWL167 ● | | | |
| Double Push Button Actuators - Illuminated Flush without Series Resistor | | | | |
| Illuminated Double Push Button, Flush Green & Red Knob marked I&O respectively (with BA9S Neon Bulb) 220V, 380V, 415VAC/DC | RCB2-BWN96 ● | 440 | 8 | |

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

MOQ-Minimum Order Quantity










Push Buttons: 22.5mm









Metallic Range (Without Contact Elements)

GLOBAL CERTIFICATION















| Description | Reference | MRP (₹) | MOQ | Product Picture |
|--|---|---------|-----|--|
| Push Button Actuators with Carrier - Non-Illuminated [HSN Code: 8536] | | | | |
| Double Push Button, Flush Green & Red Knob marked I&O respectively | RCB2-BA87  | 230 | 10 |  |
| Selector Switch Actuators with Carrier | | | | |
| 2-Position Selector Switch (stay put) | RCB2-BD2 RCB2-BD27* | 370 | 10 |  |
| 3-Position Selector Switch, centre 'OFF' (stay put) | RCB2-BD3 RCB2-BD37* | | | |
| 2-Position Selector Switch with extra long knob (stay put) | RCB2-BJ2 <input checked="" type="checkbox"/> RCB2-BJ27* | 380 | 10 |  |
| 3-Position Selector Switch, with extra long knob centre 'OFF' (stay put) | RCB2-BJ3 <input checked="" type="checkbox"/> RCB2-BJ37* | | | |
| 2-Position Selector Switch (Spring Return) | RCB2-BDR2 <input checked="" type="checkbox"/> RCB2-BDR27* | 420 | 10 |  |
| 3-Position Selector Switch (Spring Return) | RCB2-BDR3 RCB2-BDR37* | | | |
| 2-Position Selector Switch extra long knob (Spring Return) | <input checked="" type="checkbox"/> RCB2-BJR2 RCB2-BJR27* | 420 | 10 |  |
| 3-Position Selector Switch extra long knob (Spring Return) | <input checked="" type="checkbox"/> RCB2-BJR3 RCB2-BJR37* | | | |
| Selector Switch Actuators with Carrier & Contact Element [HSN Code: 8536] | | | | |
| 2-Position Selector Switch (stay put) with 1NO Block | RCB2-BD21 <input checked="" type="checkbox"/> RCB2-BD271* | 450 | 10 |  + |
| 2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block | RCB2-BD25 <input checked="" type="checkbox"/> RCB2-BD275* | 540 | | |
| 3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block | RCB2-BD35 <input checked="" type="checkbox"/> RCB2-BD375* | | | |




*with Black Bezel



| Selector Switch Actuators-Illuminated with Series Resistor [HSN Code: 8536] | | | | |
|--|---|-----|----|---|
| 2-Position Illuminated Selector Switch (with BA9S Filament Bulb 130V) suitable for operation at 220V AC/DC | <input checked="" type="checkbox"/> RCB2-BK1237  | 590 | 10 |  |
| | <input checked="" type="checkbox"/> RCB2-BK1247  | | | |
| | <input checked="" type="checkbox"/> RCB2-BK1257  | | | |
| 3-Position Illuminated Selector Switch (with BA9S Filament Bulb 130V) suitable for operation at 220V AC/DC | <input checked="" type="checkbox"/> RCB2-BK1337  | 590 | 10 |  |
| | <input checked="" type="checkbox"/> RCB2-BK1347  | | | |
| | <input checked="" type="checkbox"/> RCB2-BK1357  | | | |

Selector Switch Actuators-Illuminated with integral circuit LED available on request



| Selector Switch Actuators - Illuminated without series resistor | | | | |
|--|---|-----|----|---|
| 3-Position Illuminated Selector Switch (with BA9S Filament Bulb) 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | RCB2-BK1336  | 590 | 10 |  |
| | RCB2-BK1346  | | | |
| | RCB2-BK1356  | | | |
| 2-Position Illuminated Selector Switch (with LED Bulb) 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | <input checked="" type="checkbox"/> RCB2BKL1237  | 590 | 10 |  |
| | <input checked="" type="checkbox"/> RCB2BKL1247  | | | |
| | <input checked="" type="checkbox"/> RCB2BKL1257  | | | |
| 3-Position Illuminated Selector Switch (with LED Bulb) 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | <input checked="" type="checkbox"/> RCB2BKL1337  | 590 | 10 |  |
| | <input checked="" type="checkbox"/> RCB2BKL1347  | | | |
| | <input checked="" type="checkbox"/> RCB2BKL1357  | | | |

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

| Description | Reference | MRP (₹) | MOQ | Product Picture |
|---|--|---------|-----|---|
| Key Actuators with Carrier [HSN Code: 8536] | | | | |
| 2-Position Key Switch, Key removable in unactuated position | RCB2-BG2 RCB2-BG27* | 530 | 10 |  |
| 2-Position Key Switch, Key removable in both position | RCB2-BG4 RCB2-BG47* | | | |
| 2-Position Key Switch, Key removable in 'Right Hand' position | <input checked="" type="checkbox"/> RCB2-BG02 <input checked="" type="checkbox"/> RCB2-BG027* | | | |
| 3-Position Key Switch, Key removable in centre 'OFF' position | RCB2-BG3 RCB2-BG37* | 550 | 10 |  |
| 3-Position Key Switch, Key removable in all position | <input checked="" type="checkbox"/> RCB2-BG0 RCB2-BG0-7* | | | |
| 3-Position Key Switch, Key removable in 'Left Hand & Right Hand' position | <input checked="" type="checkbox"/> RCB2-BG5 RCB2-BG57* | 550 | 10 |  |
| 3-Position Key Switch, Key removable in 'Left Hand' position | RCB2-BG9 RCB2-BG97* | | | |
| 3-Position Key Switch, Key removable in 'Right Hand' position | <input checked="" type="checkbox"/> RCB2-BG09 RCB2-BG097* | | | |
| 3-Position (Spring Return) Key Switch, Key removable in 'Center' position | <input checked="" type="checkbox"/> RCB2-BG7 RCB2-BG77* | | | |

| Key Actuators with Carrier & Contact element | | | | |
|---|--|-----|----|--|
| 2-Position Key Switch with 1NO Block, Key removable in unactuated position | <input checked="" type="checkbox"/> RCB2-BG21 RCB2-BG271* | 580 | 10 |  + |
| 2-Position Key Switch with 1NO Block, Key removable in both position | <input checked="" type="checkbox"/> RCB2-BG41 RCB2-BG471* | | | |
| 3-Position Key Switch with 1NO+1NC Block key removable in centre 'OFF' position | <input checked="" type="checkbox"/> RCB2-BG31 RCB2-BG371* | 680 | 10 |  + |
| 3-Position Key Switch with 1NO+1NC Block key removable in all position | RCB2-BG04 RCB2-BG074* | | | |

* with Black Bezel

| Contact Elements - NO/NC (Non UL)* [HSN Code: 8536] | | | | |
|--|------------|-----|----|---|
| Contact Element 1 NO | RE2BE101 | 90 | 50 |  |
| Contact Element 1 NC | RE2BE102 | | | |
| Contact Elements - NO/NC (UL)* | | | | |
| Contact Element 1 NO | RB2-BE-101 | 100 | 50 |  |
| Contact Element 1 NC | RB2-BE-102 | | | |

*Applicable for Both Metallic and Plastic range

How to Order:

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

▲ Add Voltage Code

| 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



GLOBAL CERTIFICATION



Pilot Lamps: 22.5mm
Metallic Range

| Description | Reference | MRP (₹) | MOQ | Product Picture |
|--|--------------|---------|-----|-----------------|
| LED Type Pilot Lamp-Type of voltage AC/DC [HSN Code: 8536] | | | | |
| Pilot Light with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC | RCB2BVL71▲○ | 340 | 10 | |
| | RCB2BVL73▲● | 340 | | |
| | RCB2BVL74▲● | | | |
| | RCB2BVL75▲● | | | |
| | RCB-BVL77▲○ | | | |
| | RCB2BVL78▲● | | | |
| | RCB2BVL76▲● | | | |
| Pilot Lamps with Series Resistor | | | | |
| Pilot Lamp (with BA9S Filament bulb 130V) 220V AC/DC | RCB2-BV71▲○ | 250 | 10 | |
| | RCB2-BV73▲● | | | |
| | RCB2-BV74▲● | | | |
| | RCB2-BV75▲● | | | |
| | RCB2-BV76▲● | | | |
| | RCB2-BV77▲○ | | | |
| | RCB2-BV78▲● | | | |
| Pilot Lamps with Series Resistor & Diode | | | | |
| Pilot Lamp (with BA9S Filament Bulb 130V) 240V AC | RCB2-BVD71▲○ | 270 | 10 | |
| | RCB2-BVD73▲● | | | |
| | RCB2-BVD74▲● | | | |
| | RCB2-BVD75▲● | | | |
| | RCB2-BVD76▲● | | | |
| | RCB2-BVD77▲○ | | | |
| | RCB2-BVD78▲● | | | |

| Description | Reference | MRP (₹) | MOQ | Product Picture |
|--|--------------|---------|-----|-----------------|
| Economical Barrel LED Series - Type of voltage AC/DC [HSN Code: 8536] | | | | |
| Suitable for operating at 12V DC, 240V AC, 415V AC AC/DC-24V, 110V, 220V | RCN7-IVL71▲○ | 350 | 20 | |
| | RCN7-IVL76▲● | | | |
| | RCN7-IVL73▲● | 190 | | |
| | RCN7-IVL74▲● | | | |
| | RCN7-IVL75▲● | | | |
| | RCN7-IVL77▲○ | | | |
| | RCN7-IVL78▲● | | | |

| Description | Reference | MRP (₹) | MOQ | Product Picture |
|--|--------------|---------|-----|-----------------|
| Push Button Powder Coated Actuators with Carrier [HSN Code: 8536] | | | | |
| Flush Spring Return Push Button powder coated | RCB2-BA17○ | 130 | 20 | |
| | RCB2-BA27● | | | |
| | RCB2-BA37● | | | |
| | RCB2-BA47● | | | |
| | RCB2-BA57● | | | |
| | RCB2-BA67● | | | |
| Projecting Push Button | RCB2-BL17○ | 140 | 15 | |
| | RCB2-BL27● | | | |
| | RCB2-BL37● | | | |
| | RCB2-BL47● | | | |
| | RCB2-BL57● | | | |
| | RCB2-BL67● | | | |
| Integrated LED Pilot Lamp - Type of voltage AC/DC | | | | |
| | RCB7-IVL71▲○ | 400 | 15 | |
| | RCB7-IVL76▲● | | | |
| Integral LED pilot Lamp suitable for operating at common voltage (AC/DC) 110V, 48V, 24V & 12V Also available at operational voltage 240V AC, 220V DC, 110V AC, 110V DC | RCB7-IVL73▲● | 230 | 15 | |
| | RCB7-IVL74▲● | | | |
| | RCB7-IVL75▲● | | | |
| | RCB7-IVL77▲○ | | | |
| | RCB7-IVL78▲● | | | |
| Wide range: 12V-240V (AC/DC) | RCB7-IVL71▲○ | 670 | 490 | |
| | RCB7-IVL76▲● | | | |
| | RCB7-IVL73▲● | | | |
| | RCB7-IVL74▲● | | | |
| | RCB7-IVL75▲● | | | |
| | RCB7-IVL77▲○ | | | |
| RCB7-IVL78▲● | | | | |

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

▲ Add Voltage Code

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


















Accessories





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

GLOBAL CERTIFICATION



| Operating Heads Without Contact Block and Carrier [HSN Code: 8536] | | | | |
|---|------------------|---------|-----|---|
| Description | Reference | MRP (₹) | MOQ | Product Picture |
| Pilot Lamp Head | RB2-BV01 ○ | 130 | 20 |  |
| | RB2-BV03 ● | | | |
| | RB2-BV04 ● | | | |
| | RB2-BV05 ● | | | |
| | RB2-BV06 ● | | | |
| | RB2-BV07 ○ | | | |
| | RB2-BV08 ● | | | |
| Flush Push Button | RB2-BA1 ○ | 110 | 20 |  |
| | RB2-BA2 ● | | | |
| | RB2-BA3 ● | | | |
| | RB2-BA4 ● | | | |
| | RB2-BA5 ● | | | |
| | RB2-BA6 ● | | | |
| Projecting Push Button | RB2-BL1 ○ | 130 | 20 |  |
| | RB2-BL2 ● | | | |
| | RB2-BL3 ● | | | |
| | RB2-BL4 ● | | | |
| | RB2-BL5 ● | | | |
| | RB2-BL6 ● | | | |
| Mushroom Spring Return | RB2-BC2 ● | 180 | 8 |  |
| | RB2-BC3 ● | | | |
| | RB2-BC4 ● | | | |
| | RB2-BC5 ● | | | |
| Mushroom Stay Put | φ30mm RB2-BS44 ● | 230 | 10 |  |
| | φ40mm RB2-BS54 ● | 240 | 8 | |
| | φ60mm RB2-BS64 ● | 330 | 5 | |
| Mushroom illuminated - 2 position Momentary - 2 position Maintained | RCB2-BW43 ● | 410 | 8 |  |
| | RCB2-BW44 ● | | | |
| | RCB2-BW64 ● | | | |
| | RCB2-BW63 ● | | | |
| Booted Push Button | RB2-BP2 ● | 190 | 20 |  |
| | RB2-BP3 ● | | | |
| | RB2-BP4 ● | | | |
| | RB2-BP5 ● | | | |
| | RB2-BP6 ● | | | |
| Double Headed without Light | RB2-BA87 | 230 | 10 |  |
| Double Headed Push Button with Light | RB2-BW9 | 250 | | |
| Illuminated Flush Push Button | RB2-BW31 ○ | 150 | 10 |  |
| | RB2-BW33 ● | | | |
| | RB2-BW34 ● | | | |
| | RB2-BW35 ● | | | |
| | RB2-BW36 ● | | | |
| | RB2-BW37 ○ | | | |
| Illuminated Projecting Push Button | RB2-BW13 ● | 160 | 10 |  |
| | RB2-BW14 ● | | | |
| | RB2-BW15 ● | | | |
| | RB2-BW16 ● | | | |
| | RB2-BW17 ○ | | | |
| Illuminated Selector 2-Position Stay Put | RB2-BK123 ● | 360 | 10 |  |
| | RB2-BK124 ● | | | |
| | RB2-BK125 ● | | | |
| Illuminated Selector 3-Position Stay Put | RB2-BK133 ● | 380 | 10 |  |
| | RB2-BK134 ● | | | |
| | RB2-BK135 ● | | | |

| Operating Heads LED, Neon Pilot Lamp / Push Button Without Contact Block and Carrier [HSN Code: 8536] | | | | |
|---|-------------|---------|-----|---|
| Description | Reference | MRP (₹) | MOQ | Product Picture |
| LED Pilot Lamp Head | RB2-BVL01 ○ | 110 | 20 |  |
| | RB2-BVL03 ● | | | |
| | RB2-BVL04 ● | | | |
| | RB2-BVL05 ● | | | |
| | RB2-BVL06 ● | | | |
| | RB2-BVL07 ○ | | | |
| | RB2-BVL08 ● | | | |
| LED Illuminating Flush Push Button | RB2-BWL31 ○ | 160 | 10 |  |
| | RB2-BWL33 ● | | | |
| | RB2-BWL34 ● | | | |
| | RB2-BWL35 ● | | | |
| | RB2-BWL36 ● | | | |
| | RB2-BWL37 ○ | | | |
| LED Illuminating Projecting Push Button | RB2-BWL11 ○ | 180 | 10 |  |
| | RB2-BWL13 ● | | | |
| | RB2-BWL14 ● | | | |
| | RB2-BWL15 ● | | | |
| | RB2-BWL16 ● | | | |
| | RB2-BWL17 ○ | | | |
| RB2-BWL18 ● | | | | |

| Operating Heads LED, Neon Pilot Lamp / Push Button Without Contact Block and Carrier [HSN Code: 8536] | | | | | |
|---|------------|---|---------|---|---|
| Description | Reference | Operating Handle | MRP (₹) | MOQ | Product Picture |
| Selector 2-Position, Stay Put | RB2-BD2 | Standard | 330 | 10 |  |
| Selector 2-Position, Stay Put | RB2-BJ2 | Long | 360 | | |
| Selector 2-Position, Spring Return | RB2-BDR2 | Standard | 330 | | |
| Selector 2-Position, Stay Put | RB2-BJR2 | Long | 360 | | |
| Selector 3-Position, Stay Put (Centre OFF) | RB2-BD3 | Standard | 330 | | |
| Selector 3-Position, Stay Put (Centre OFF) | RB2-BJ3 | Long | 360 | | |
| Selector 3-Position, Spring Return (Centre OFF) | RB2-BDR3 | Standard | 330 | | |
| Selector 3-Position, Stay Put | RB2-BJR3 | Long | 360 | | |
| Key Selector 2-Position, Stay Put | RB2-BG2 | Key removable in L.H. position | 490 | | |
| Key Selector 2-Position, Stay Put | RB2-BG4 | Key removable in both positions | 490 | | |
| Key Selector 2-Position, Stay Put | RB2-BG02 | Key removable in R. H. position | | | |
| Key Selector 2-Position, Spring Return Stay Put | RB2-BG6 | Key removable in L.H. position | 490 |  | |
| Key Selector 3-Position, Stay Put | RB2-BG3 | Key removable in centre position | | | |
| Key Selector 3-Position, Stay Put | RB2-BG0 | Key removable in all positions | 490 |  | |
| Key Selector 3-Position, Stay Put | RB2-BG5 | Key removable in L. H. & R. H. position | | | |
| Key Selector 3-Position, Stay Put | RB2-BG9 | Key removable in L. H. position | 500 |  | |
| Key Selector 3-Position, Stay Put | RB2-BG09 | Key removable in R. H. position | | | |
| Key Selector 3-Position, Both Side Spring Return | RB2-BG7 | Key removable in Centre position | 500 | 8 | |
| Mushroom Head with Key Stay Put | RB2-BS14 ● | Key removable in both positions | | | |



Accessories

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

| Body Assemblies with Contact Blocks, Screw & Captive Clamp Connection [HSN Code: 8536] | | | | | |
|--|-----------|--------------|---------|-----|-----------------|
| Description | Reference | Contact Type | MRP (₹) | MOQ | Product Picture |
| For Actuators, Push Buttons, Selectors & Key Switches | RB2-BZ101 | NO | 160 | 20 | |
| | RB2-BZ102 | NC | | | |
| | RB2-BZ103 | 1NO+1NO | 260 | 10 | |
| | RB2-BZ104 | 1NC+1NC | | | |
| | RB2-BZ105 | 1NO+1NC | | | |

| Description | Reference | MRP (₹) | MOQ | Product Picture |
|---|------------|---------|-----|-----------------|
| Filament Bulb (BA9S) 130V, 48V, 24V, 12V & 6V (2.6W max.) | RL1-CF | 50 | 100 | |
| Neon Bulb (BA9S) 415V, 380V, 220V | RL1-CN | | | |
| Set of Lens (one inner and one outer) for Pilot Lamp Head | RB2-BV00* | 30 | 20 | |
| Lens for LED & Neon Type Pilot Lamp (w/o inner lens) | RB2-BVL00* | | | |
| Set of Lens (one inner and one outer) for Illuminating Actuator | RB2-BW00* | | | |
| Lens for Illuminating LED & Neon actuator (w/o inner lens) | RB2-BWL00* | 30 | 100 | |
| Silicon Cap suitable for, -Booted Push Button (coloured) | RB2BP00 | | | |
| -Push Buttons Flush (Natural) | RC-S | | | |
| -Push Buttons Illuminated (Natural) | RCL | 40 | | |
| Legend Plate with inscription (On, Off, Start, Stop, Slow, Fast, Forward, Reverse, Up, Down, Open, Close, Auto, Auto-o-Hand, Auto-Hand, Reset, Inch.) | RB2-BYN# | 30 | 100 | |
| Body / Carrier with mounting screws (passivated) for making different assemblies | RB2-B* | 55 | 20 | |
| Yellow legend (PVC) φ60mm | RB2-PY9330 | 70 | 50 | |
| Emergency Stop φ90mm | RB2-PY8330 | 75 | 50 | |

#Minimum Order Qty. will be 500 Nos.

How to Order :

- Actuators, switch elements, lens assemblies can be ordered separately or in combination.
- 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 |

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

| Standard Text | Reference | Standard Text | Reference | MRP (₹) | MOQ |
|---------------|-----------|---------------|-----------|---------|-----|
| Start | 2303 | Stop | 2304 | 30 | 250 |
| Forward | 2305 | Reverse | 2306 | | |
| Up | 2307 | Down | 2308 | | |
| On | 2311 | Off | 2312 | | |
| Open | 2313 | Close | 2314 | | |
| Auto | 2315 | Hand | 2316 | | |
| Reset | 2323 | Inch | 2321 | | |
| Slow | 2327 | Fast | 2328 | | |
| Auto - Hand | 2364 | Auto-O-Hand | 2385 | | |
| | | Hand-O-Auto | 2387 | | |

Important :

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

☒ Non Stockable item. MOQ- Minimum Order Quantity

Control Stations (Assembled)

| Complete Control Stations-Start & Stop Functions Plastic, Spring Return | | | | | | |
|---|--------|--------|------------------|------------|---------|-----------------|
| Description | Scheme | Colour | Making on legend | Reference | MRP (₹) | Product Picture |
| 1 Flush Push Button | NO | 3 | I START | RC1P102 | 810 | |
| | | | | RC1P103 | | |
| 1 Flush Push Button | NC | 4 | O STOP | RC1P112 | | |
| | | | | RC1P114 | | |
| Latching Push Button | NC | 4 | STOP | RC1PBS542 | 870 | |
| | | | | RC1PYBS542 | | |
| Mushroom Head Key Switch | NC | 4 | STOP | RC1PBS142 | 1200 | |
| | | | | RC1PYBS142 | | |
| 2 Flush Push Button | NO+NC | 3 | I | RC2P213 | 1160 | |
| | | 4 | O | | | |
| 2 Flush Push Button | NO+NC | 3 | START | RC2P215 | | |
| | | 4 | STOP | | | |


| Complete Control Stations Directional/Movement Control Functions Plastic, Spring Return [HSN Code: 8536] | | | | | | | |
|--|--------------|--------|----------------------------|-----------|---------|-----------------|--------------------|
| Description | Scheme | Colour | Marking on legend | Reference | MRP (₹) | Product Picture | |
| 2 Flush Push Button | NO + NO | 1 | Up Down | RC2P222 | 1290 | | |
| | | | | RC2P222A | | | |
| | | | Right Left | RC2P223 | | | |
| | | | | RC2P223A | | | |
| | | | Open Close | 1 | | | RC2P241 |
| | | | | 2 | | | Forward Reverse |
| 3 Flush Push Button | NO + NC + NO | 3 | Forward Stop Reverse | RC3P311 | 1670 | | |
| | | | | RC3P321 | | | |
| | | | Right Stop Left | 4 | | | RC3P331 |
| | | | | 3 | | | RC3P341 |
| | | | Open Stop Close | 1 | | | RC3P324 |
| | | | | 4 | | | RC3P334 |


| Control Stations for Customer Assembly Empty Enclosure, Plastic [HSN Code: 8536] | | | | | | | |
|--|-----|-------|----------------|-----------|---------|-----------------|--------|
| Description | Top | Base | Number of Ways | Reference | MRP (₹) | Product Picture | |
| | | | | | | | Yellow |
| | | | 1 | RC - 1P | | | |
| Bone | | Jet | 2 | RC - 2P | 720 | | |
| Grey | | Black | 3 | RC - 3P | 820 | | |
| | | | 4 | RC - 4P | 920 | | |


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



Control Stations (Assembled)

| Complete Control Stations-Start and Stop Functions Metal, Spring Return [HSN Code: 8536] | | | | | | |
|--|--------|--------|-------------------|------------|---------|---|
| Description | Scheme | Colour | Marking on legend | Reference | MRP (₹) | Product Picture |
| 1 Flush Push Button | NO | 3 | I START | RC 1M 102 | 1200 |  |
| | | | | RC 1M 103 | | |
| 1 Flush Push Button | NC | 4 | O STOP | RC 1M 112 | 1330 | |
| | | | | RC 1M 114 | | |
| Latching Push Button | NC | 4 | STOP | RC 1MBS542 | 1540 | |
| Mushroom Head Key Switch | NC | 4 | STOP | RC 1MBS142 | 1540 | |
| 2 Flush Push Button | NO+NC | 3 | I O | RC 2M 213 | 1520 | |
| | | | | RC 2M 215 | | |




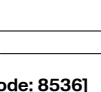
| Complete Control Stations Directional/ Movement Control Functions Metal, Spring Return [HSN Code: 8536] | | | | | | |
|---|--------------|-------------|-------------------------------|------------|---------|---|
| Description | Scheme | Colour | Marking on legend | Reference | MRP (₹) | Product Picture |
| 2 Flush Push Button | NO + NO | 1 2 | ↑ ↓ Up-Down | RC 2M 222 | 1470 |  |
| | | | | RC 2M 222A | | |
| | | 1 2 | ↔ Right-Left | RC 2M 223 | | |
| | | | | RC 2M 223A | | |
| | | 1 2 | Open-Close Forward-Reverse | RC 2M 241 | | |
| RC 2M 222B | | | | | | |
| 3 Flush Push Button | NO + NC + NO | 3 4 3 | Forward Stop Reverse | RC 3M 311 | 1870 | |
| | | | | RC 3M 321 | | |
| | | | | RC 3M 331 | | |
| | | | | RC 3M 341 | | |
| | | 1 2 | ↑ ↓ ↔ Up-Down | RC 3M 324 | | |
| | | | | RC 3M 334 | | |






| Control Stations for Customer Assembly Empty Enclosure, Metal [HSN Code: 8536] | | | | | |
|--|-----------|----------------|-----------|---------|---|
| Description | | Number of Ways | Reference | MRP (₹) | Product Picture |
| Top | Base | | | | |
| Smoke Grey | Dark Grey | 1 | RC - 1M | 930 |  |
| | | 2 | RC - 2M | 960 | |
| | | 3 | RC - 3M | 1160 | |
| | | 4 | RC - 4M* | 1410 | |

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

Operating Head for Control Stations

For Customer assembly

| Plastic Operating Heads without Contact Block use with RC.P & RC.M enclosures - IP65 [HSN Code: 8536] | | | | |
|---|------------|---------|-----|---|
| Description | Reference | MRP (₹) | MOQ | Product Picture |
| Flush Push Button Spring Return | RP2-BA1 ○ | 110 | 20 |  |
| | RP2-BA2 ● | | | |
| | RP2-BA3 ● | | | |
| | RP2-BA4 ● | | | |
| | RP2-BA5 ● | | | |
| | RP2-BA6 ● | | | |
| Projecting Push Button | RP2-BL1 ○ | 110 | 20 |  |
| | RP2-BL2 ● | | | |
| | RP2-BL3 ● | | | |
| | RP2-BL4 ● | | | |
| | RP2-BL5 ● | | | |
| Mushroom Spring Return | RP2-BC2 ● | 160 | 8 |  |
| | RP2-BC3 ● | | | |
| | RP2-BC4 ● | | | |
| | RP2-BC5 ● | | | |
| Mushroom Stay Put | RP2-BS44 ● | 200 | 10 |  |
| | RP2-BS54 ● | 220 | 8 | |
| | RP2-BS64 ● | 350 | 5 | |

| Operating Heads for Control Stations Without Contact Block and Carrier [HSN Code: 8536] | | | | | |
|---|-----------|---|---------|-----|---|
| Description | Reference | Operating Handle | MRP (₹) | MOQ | Product Picture |
| Selector 2-Position, Stay Put | RP2-BD2 | Standard | 310 | 10 |  |
| Selector 3-Position, Stay Put (Centre OFF) | RP2-BD3 | Standard | | | |
| Selector 3-Position, Spring Return (Centre OFF) | RP2-BDR3 | Standard | | | |
| Key Selector 2-Position, Stay Put | RP2-BG2 | Key removable in L.H. position | 450 | 460 |  |
| Key Selector 2-Position, Stay Put | RP2-BG4 | Key removable in both positions | | | |
| Key Selector 2-Position, Stay Put | RP2-BG02 | Key removable in R. H. position | | | |
| Key Selector 3-Position, Stay Put | RP2-BG3 | Key removable in centre position | | | |
| Key Selector 3-Position, Stay Put | RP2-BG0 | Key removable in all positions | 480 | 450 |  |
| Key Selector 3-Position, Stay Put | RP2-BG5 | Key removable in L. H. & R. H. position | | | |
| Key Selector 3-Position, Stay Put | RP2-BG9 | Key removable in L. H. position | | | |
| Key Selector 3-Position, Stay Put | RP2-BG09 | Key removable in R. H. position | 450 | 450 |  |
| Key Selector 3-Position, Both Side Spring Return | RP2-BG7 | Key removable in Centreposition | | | |
| Mushroom Head with Key Stay Put | RP2-BS14 | Key removable in both positions | 450 | 8 |  |

 Non Stockable item



GLOBAL CERTIFICATION



Operating Head for Control Stations

For Customer assembly

| Metallic Operating Heads without Contact Block for RC.P & RC.M enclosures - IP65 [HSN Code: 8536] | | | | |
|---|------------|---------|-----|-----------------|
| Description | Reference | MRP (₹) | MOQ | Product Picture |
| Flush Push Button Spring Return | RM2-BA1○ | 120 | 20 | |
| | RM2-BA2● | | | |
| | RM2-BA3● | | | |
| | RM2-BA4● | | | |
| | RM2-BA5● | | | |
| | RM2-BA6● | | | |
| | RM2-BA334# | | | |
| Projecting Push Button | RM2-BL1○ | 120 | 20 | |
| | RM2-BL2● | | | |
| | RM2-BL3● | | | |
| | RM2-BL4● | | | |
| | RM2-BL5● | | | |
| | RM2-BL6● | | | |
| Mushroom Spring Return ϕ 40mm | RM2-BC2● | 180 | 8 | |
| | RM2-BC3● | | | |
| | RM2-BC4● | | | |
| | RM2-BC5● | | | |
| | RM2-BC6● | | | |
| Mushroom Stay Put ϕ 30mm ϕ 40mm ϕ 60mm | RM2-BS44● | 230 | 10 | |
| | RM2-BS54● | 260 | 8 | |
| | RM2-BS64● | 300 | 5 | |
| Mushroom Push-Pull Type ϕ 40mm | RM2-BT43● | 260 | 8 | |

| Contact Blocks - Base Mounted For Control Stations Customer Assembly [HSN Code: 8536] | | | | | |
|---|----------------|--------------|---------|-----|-----------------|
| Description | Reference | Contact Type | MRP (₹) | MOQ | Product Picture |
| Contact Block | RB2BE-101BM/P* | NO | 110 | 50 | |
| Slow Break | RB2BE-102BM/P* | NC | | | |

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

| Legends (Stickers) are supplied with the following Standard Texts, Plastic [HSN Code: 8536] | | | | | |
|---|------------|---------------|------------|---------|-----|
| Description | Reference | Standard Text | Reference | MRP (₹) | MOQ |
| Start | RP2-BY2303 | Stop | RP2-BY2304 | 15 | 100 |
| Forward | RP2-BY2305 | Reverse | RP2-BY2306 | | |
| Up | RP2-BY2307 | Down | RP2-BY2308 | | |
| On | RP2-BY2311 | Off | RP2-BY2312 | | |
| Open | RP2-BY2313 | Close | RP2-BY2314 | | |
| Auto | RP2-BY2315 | Hand | RP2-BY2316 | | |
| Reset | RP2-BY2323 | Inch | RP2-BY2321 | | |
| Slow | RP2-BY2327 | Fast | RP2-BY2328 | | |
| Power On | RP2-BY2326 | Emer. Stop | RP2-BY2330 | | |
| Right | RP2-BY2309 | Left | RP2-BY2310 | | |
| O | RP2-BY2146 | -- | RP2-BY2147 | | |
| → | RP2-BY1912 | ← | RP2-BY1913 | | |
| ↑ | RP2-BY1914 | ↑ | RP2-BY1915 | | |

Note: Minimum order of #10 each.

| Operating Heads for Control Stations Without Contact Block and Carrier [HSN Code: 8536] | | | | | |
|---|-----------|---------------------------------------|---------|-----|-----------------|
| Description | Reference | Operating Handle | MRP (₹) | MOQ | Product Picture |
| Selector 2-Position, Stay Put | RM2-BD2 | Standard | 330 | 10 | |
| Selector 2-Position, Spring Return | RM2-BDR2 | Standard | | | |
| Selector 3-Position, Stay Put (Centre OFF) | RM2-BD3 | Standard | | | |
| Selector 3-Position, Spring Return (Centre OFF) | RM2-BDR3 | Standard | | | |
| Key Selector 2-Position, Stay Put | RM2-BG2 | Key removable in L.H. position | 450 | 10 | |
| Key Selector 2-Position, Stay Put | RM2-BG4 | Key removable in both positions | 480 | | |
| Key Selector 2-Position, Stay Put | RM2-BG02 | Key removable in R. H. position | | | |
| Key Selector 2-Position, Spring Return Stay Put | RM2-BG6 | Key removable in L.H. position | | | |
| Key Selector 3-Position, Stay Put | RM2-BG3 | Key removable in centre position | 500 | | |
| Key Selector 3-Position, Stay Put | RM2-BG0 | Key removable in all positions | | | |
| Key Selector 3-Position, Stay Put | RM2-BG5 | Key removable in L.H. & R.H. position | 500 | | |
| Key Selector 3-Position, Stay Put | RM2-BG9 | Key removable in L.H. position | 540 | | |
| Key Selector 3-Position, Stay Put | RM2-BG09 | Key removable in R. H. position | | | |
| Key Selector 3-Position, Both Side Spring Return | RM2-BG7 | Key removable in Centre position | | | |
| Mushroom Head with Key Stay Put | RM2-BS14I | Key removable in both positions | 480 | 8 | |

| Legends (Stickers) are supplied with the following standard texts, Metal [HSN Code: 8536] | | | | | |
|---|------------|---------------|------------|---------|-----|
| Description | Reference | Standard Text | Reference | MRP (₹) | MOQ |
| Start | RM2-BY2303 | Stop | RM2-BY2304 | 15 | 100 |
| Forward | RM2-BY2305 | Reverse | RM2-BY2306 | | |
| Up | RM2-BY2307 | Down | RM2-BY2308 | | |
| On | RM2-BY2311 | Off | RM2-BY2312 | | |
| Open | RM2-BY2313 | Close | RM2-BY2314 | | |
| Auto | RM2-BY2315 | Hand | RM2-BY2316 | | |
| Reset | RM2-BY2323 | Inch | RM2-BY2321 | | |
| Slow | RM2-BY2327 | Fast | RM2-BY2328 | | |
| Power On | RM2-BY2326 | Emer. Stop | RM2-BY2330 | | |
| Right | RM2-BY2309 | Left | RM2-BY2310 | | |
| O | RM2-BY2146 | -- | RM2-BY2147 | | |
| → | RM2-BY1912 | ← | RM2-BY1913 | | |
| ↑ | RM2-BY1914 | ↑ | RM2-BY1915 | | |

Note: Minimum order of #10 each.

MOQ- Minimum Order Quantity

Motor Starters



Features

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

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

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



Motor Starters

Conforming IS/IEC60947-4-1

| Star Delta Starter with TC1DXEA Contactor & LR1D Relay in S.S. Enclosure | | | | | [HSN Code: 8536] |
|--|------|------------------|-----------------------|---------|------------------|
| Std. Power Rating for 3Ph. Motor at 415V | | Reference | Relay LR1D Range Amps | MRP (₹) | MOQ |
| HP | kW | | | | |
| 3 | 2.2 | BE3DXEAP163■307 | 1.6-2.5 | 17500 | 6 |
| 3 | 2.2 | BE3DXEAP163■308 | 2.5-4.0 | 17500 | |
| 5 | 3.7 | BE3DXEAP163■310 | 4.0-6.0 | 17500 | |
| 7.5 | 5.6 | BE3DXEAP163■312 | 5.5-8.0 | 17500 | |
| 10 | 7.5 | BE3DXEAP163■314 | 7.0-10.0 | 17500 | |
| 12.5 | 9.3 | BE3DXEAP163■316 | 10.0-13.0 | 17500 | |
| 12.5 | 9.3 | BE3DXEAP163■316X | 9.0-14.0 | 17500 | |
| 15 | 11.2 | BE3DXEAP203■321 | 13.0-18.0 | 19790 | |
| 20 | 15 | BE3DXEAP253■321X | 14.0-22.0 | 19790 | |
| 25 | 18.6 | BE3DXEAP253■322 | 18.0-25.0 | 19790 | |



| DOL Starter with TC1DXEA Contactor & LR1D Relay in S.S. Enclosure | | | | | [HSN Code: 8536] |
|---|------|------------------|-----------------------|---------|------------------|
| Std. Power Rating for 3Ph. Motor at 415V | | Reference | Relay LR1D Range Amps | MRP (₹) | MOQ |
| HP | kW | | | | |
| 0.5 | 0.37 | BE1DXEAP163■305 | 0.63-1.0 | 4860 | 2 |
| 0.75 | 0.55 | BE1DXEAP163■306 | 1.0-1.6 | 4860 | |
| 1.5 | 1.1 | BE1DXEAP163■307 | 1.6-2.5 | 4860 | |
| 2 | 1.5 | BE1DXEAP163■308 | 2.5-4.0 | 4860 | |
| 3 | 2.2 | BE1DXEAP163■310 | 4.0-6.0 | 4860 | |
| 5 | 3.7 | BE1DXEAP163■312 | 5.5-8.0 | 4860 | |
| 5.5 | 4 | BE1DXEAP163■314 | 7.0-10.0 | 4860 | |
| 7.5 | 5.5 | BE1DXEAP163■316 | 10.0-13.0 | 4860 | |
| 7.5 | 5.5 | BE1DXEAP163■316X | 9.0-14.0 | 4860 | |
| 12 | 9 | BE1DXEAP203■321 | 13.0-18.0 | 5500 | |
| 12 | 9 | BE1DXEAP253■321X | 14.0-22.0 | 5500 | |
| 15 | 11 | BE1DXEAP253■322 | 18.0-25.0 | 5500 | |
| 20 | 15 | BE1DXEAP403■353 | 23.0-32.0 | 8320 | |
| 20 | 15 | BE1DXEAP403■355 | 28.0-40.0 | 8320 | |

| Coil voltage code for Exceed DOL & Star Delta starter | | | |
|---|---------|---------|---------|
| Motor Starter | Voltage | | |
| BE1DXEAP/BE3DXEAP | 220 | 190-400 | 250-450 |

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

Motor Starters

Conforming IS/IEC60947-4-1



| Heavy Duty DOL Starter Type DX-P with robust 4 Pole Contactor & LR1D OLR in S.S. enclosure | | | | [HSN Code: 8536] | |
|--|-----|------------------|-----------------------|------------------|-----|
| Std. Power Rating for 3Ph. Motor at 415V | | Reference | Relay LR1D Range Amps | MRP (₹) | MOQ |
| HP | kW | | | | |
| 1.5 | 1.1 | BE1-DXP204#307 | 1.6-2.5 | POR | 6 |
| 2.0 | 1.5 | BE1-DXP204#308 | 2.5-4.0 | | |
| 3 | 2.2 | BE1-DXP204#310 | 4.0-6.0 | | |
| 5 | 3.7 | BE1-DXP204#312 | 5.5-8.0 | | |
| 5.5 | 4.0 | BE1-DXP204#314 | 7-10 | | |
| 7.5 | 5.5 | BE1-DXP204#316X | 9-14 | | |
| 12 | 9 | BE1-DXP204#321 | 13-18 | | |
| 15 | 11 | BE1-DXP254#321XH | 14-22 | | |
| | | BE1-DXP254#322 | 18-25 | | |
| 25 | 18 | BE1-DXP404#353 | 23-32 | | |



| Heavy Duty Automatic Star Delta Starter Type DX-P with robust 4 Pole Contactor & LR1D OLR, Electronic Star Delta Timer in S.S. enclosure | | | | [HSN Code: 8536] | |
|--|-----|------------------|-----------------------|------------------|-----|
| Std. Power Rating for 3Ph. Motor at 415V | | Reference | Relay LR1D Range Amps | MRP (₹) | MOQ |
| HP | kW | | | | |
| 7.5 | 5.5 | BE3-DXP204#312 | 5.5-8.0 | 18990 | 2 |
| 12 | 9 | BE3-DXP204#314 | 7.0-10 | 18990 | |
| 15 | 11 | BE3-DXP204#316X | 9-14 | 18990 | |
| 20 | 15 | BE3-DXP204#321 | 13-18 | 19230 | |
| | | BE3-DXP254#321XH | 14-22 | 21600 | |
| 25 | 18 | BE3-DXP254#322 | 18-25 | 21600 | |
| 30 | 22 | BE3-DXP254#353 | 23-32 | 24830 | |

| 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 3Ph. Motor at 415V | | Reference | Relay Range Amps | MRP (₹) | MOQ |
| HP | kW | | | | |
| 0.5 | 0.37 | LE1-D173#305 | 0.63-1.00 | 4030 | 1 |
| 0.75 | 0.55 | LE1-D173#306 | 1.0-1.60 | 4030 | |
| 1.5 | 1.1 | LE1-D173#307 | 1.60-2.50 | 4030 | |
| 2 | 1.5 | LE1-D173#308 | 2.50 ~ 4.00 | 4030 | |
| 3 | 2.2 | LE1-D173#310 | 4.00 ~ 6.00 | 4030 | |
| 5 | 3.7 | LE1-D173#312 | 5.50 ~ 8.00 | 4030 | |
| 7.5 | 5.5 | LE1-D173#316X | 9.0 ~ 14.0 | 4030 | |
| 12 | 9 | LE1-D253#321 | 13.0 ~ 18.0 | 8280 | |
| 15 | 11 | LE1-D253#322 | 18.0 ~ 25.0 | 8280 | |



Motor Starters
Conforming IS/IEC60947-4-1



| DOL Starter with D range Contactor & LR1D OLR in S.S. Enclosure | | | [HSN Code: 8536] | | |
|---|------|----------------|------------------|---------|-----|
| Std. Power Rating for 3Ph. Motor at 415V | | Reference | Relay Range Amps | MRP (₹) | MOQ |
| HP | kW | | | | |
| 0.5 | 0.37 | BE1-D1735■305 | 0.63-1.00 | 4770 | 1 |
| 0.75 | 0.55 | BE1-D1735■306 | 1.0-1.60 | | |
| 1.5 | 1.1 | BE1-D1735■307 | 1.60-2.50 | | |
| 2 | 1.50 | BE1-D1735■308 | 2.50-4.0 | | |
| 3 | 2.2 | BE1-D1735■310 | 4.00-6.00 | | |
| 5 | 3.7 | BE1-D1735■312 | 5.50-8.00 | | |
| 7.5 | 5.5 | BE1-D1735■316X | 9.0-14.0 | | |
| 12 | 9 | BE1-D2535■321 | 13.0-18.0 | 9900 | |
| 15 | 11 | BE1-D2535■322 | 18.0-25.0 | | |
| 20 | 15 | BE1-D3235■353 | 23.0-32.0 | 16400 | |
| 30 | 22 | BE1-D4035■355 | 28.0-40.0 | 24020 | |
| 35 | 25 | BE1-D5035■357 | 38.0-50.0 | 26790 | |
| 40 | 30 | BE1-D6335■359 | 48.0-57.0 | 31200 | |



| Reversing Starter with D range Contactor & LR1D OLR in S.S. Enclosure | | | [HSN Code: 8536] | | |
|---|------|----------------|------------------|---------|-----|
| Std. Power Rating for 3Ph. Motor at 415V | | Reference | Relay Range Amps | MRP (₹) | MOQ |
| HP | kW | | | | |
| 0.5 | 0.37 | BE2-D1735■305 | 0.63-1.00 | 14710 | 1 |
| 0.75 | 0.55 | BE2-D1735■306 | 1.0-1.60 | | |
| 1.5 | 1.1 | BE2-D1735■307 | 1.60-2.50 | | |
| 2.0 | 1.5 | BE2-D1735■308 | 2.50-4.00 | | |
| 3.0 | 2.2 | BE2-D1735■310 | 4.00-6.00 | | |
| 5.0 | 3.7 | BE2-D1735■312 | 5.50-8.00 | | |
| 5.5 | 4.0 | BE2-D1735■314 | 7.00-10.0 | | |
| 7.5 | 5.5 | BE2-D1735■316X | 9.0-14.0 | 18200 | |
| 12.0 | 9.0 | BE2-D2535■321 | 13.0-18.0 | | |
| 15.0 | 11.0 | BE2-D2535■322 | 18.0-25.0 | 20450 | |
| 20.0 | 15.0 | BE2-D3235■353 | 23.0-32.0 | 30160 | |



| Automatic Star Delta Starter with D range Contactor & robusta (F Range), LR1D OLR & Electronic Star Delta Timer | | | [HSN Code: 8536] | | | |
|---|-----|----------------|------------------|---------|-----|--|
| Std. Power Rating for 3Ph. Motor at 415V | | Reference | Relay Range Amps | MRP (₹) | MOQ | |
| kW | HP | | | | | |
| 3 | 4 | BE3-D1735■308 | 2.5-4.0 | 17470 | | |
| 4 | 5.5 | BE3-D1735■310 | 4.0-6.0 | | | |
| 5.5 | 7.5 | BE3-D1735■312 | 5.5 - 8.0 | | | |
| 9 | 12 | BE3-D1735■314 | 7.0 ~ 10.0 | | | |
| 11 | 15 | BE3-D1735■316X | 9.0 ~ 14.0 | | | |
| 15 | 20 | BE3-D2235■321 | 13.0 ~ 18.0 | 18150 | | |
| 18 | 25 | BE3-D2535■322 | 18.0 - 25.0 | 24600 | | |
| 22 | 30 | BE3-D3235■322 | 18.0 - 25.0 | 41000 | | |
| 25 | 35 | BE3-D3235■353 | 23.0 - 32.0 | | | |
| 30 | 40 | BE3-D4035■355 | 30.0 - 40.0 | 49350 | | |
| 37 | 50 | BE3-D5035■355 | 30.0 - 40.0 | 65820 | 1 | |
| 51 | 70 | BE3-D6335■359 | 48.0 - 57.0 | 108550 | | |
| 59 | 80 | BE3-D8035N 361 | 57.0 - 66.0 | | | |
| 75 | 100 | BE3-F115 363 | 66.0 - 80.0 | 133440 | | |
| 90 | 125 | BE3-F115N105 | 65.0 ~ 105.0 | 158660 | | |
| 110 | 150 | BE3-F150N125 | 80.0 ~ 125.0 | 163650 | | |
| 132 | 180 | ☒BE3-F185N160 | 100.0-160.0 | 261210 | | |
| 160 | 220 | ☒BE3-F185N200 | 125.0-200.0 | | | |
| 200 | 270 | ☒BE3-F265N250 | 160.0-250.0 | 285690 | | |
| 220 | 300 | ☒BE3-F330N315 | 200.0-315.0 | 296100 | | |
| 260 | 350 | ☒BE3-F330S315 | 200.0-315.0 | | | |

☒ Non Stockable item

Motor Starters

Conforming IS/IEC60947-4-1

| Semi-Automatic Star Delta Starter with D range Contactor, LR1D OLR | | | | | |
|--|-----|------------------|------------------|---------|-----|
| Std. Power Rating for 3 Ph. Motor at 415V | | Reference | Relay Range Amps | MRP (₹) | MOQ |
| kW | HP | | | | |
| 3 | 4 | BE3-D1735■308SA | 2.5 ~ 4 | 12540 | 1 |
| 4 | 5.5 | BE3-D1735■310SA | 4 ~ 6 | | |
| 5.5 | 7.5 | BE3-D1735■312SA | 5.5 ~ 8 | | |
| 9 | 12 | BE3-D1735■314SA | 7 ~ 10 | | |
| 11 | 15 | BE3-D1735■316XSA | 9 ~ 14 | | |
| 15 | 20 | BE3-D2535■321SA | 13 ~ 18 | 17280 | |
| 18 | 25 | BE3-D2535■322SA | 18 ~ 25 | | |

| Coil Voltage Codes (Standard) for DOL Starters with D range Contactor | | |
|---|---------|------|
| Motor Starter | Voltage | |
| BE1-D/LE1-D | 220V | 415V |
| Coil Code | UW | N |

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

| Coil Voltage Codes (Standard) for DOL & Star Delta Starters with D range Contactor | | |
|--|---------|-----|
| Motor Starter | Voltage | |
| BE1-D / BE2-D / BE3-D / BE3-F | 380# | 415 |
| Coil Code | NW | N |

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

How to order Industrial Starter:

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

Custom Built Motor Starters Solutions

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

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

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

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

How to order Star Delta Starter:

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

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

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

MOQ- Minimum Order Quantity

CS1 Series Starters

CS1 Series Starters (DOL & Star-Delta) are available with contactors type CS1, CS2 & CS3 having 16A, 25A, 32A AC3 duty. These Starters are specially designed for agricultural use and have following features:

- Conforms to IEC 60947-4-1
- Wide band coil
- Rugged design which is durable and easy for maintenance
- Spares are available across the country
- Elegant powder coated sheet metal box made from 0.8 mm CRCA sheet



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

| Reference | Relay Range (Amp) | Max. Motor Output at 415V, 3 Ph | | MRP (₹) | Std. Pkg. (Nos.) |
|--------------|-------------------|---------------------------------|-----|---------|------------------|
| | | kW | HP | | |
| CS1DO■1525NR | 1.5-2.5 | 0.75 | 1 | 2830 | 1 |
| CS1DO■2504NR | 2.5-4 | 1.5 | 2 | | |
| CS1DO■0406NR | 4-6.5 | 3 | 4 | | |
| CS1DO■0610NR | 6-10 | 4.5 | 6 | | |
| CS1DO■0914NR | 9-14 | 5.5 | 7.5 | | |
| CS1DO■1118NR | 11-18 | 5.5 | 7.5 | 2880 | |
| CS1DO■1322NR | 13-22 | 5.5 | 7.5 | 2940 | |
| CS2DO■1322NR | 13-22 | 5.5 | 7.5 | 3150 | |
| CS2DO■2032NR | 20-32 | 5.5 | 7.5 | 3240 | |
| CS3DO■2032NR | 20-32 | 5.5 | 7.5 | 3370 | |



3Ø Fully Automatic Star-Delta starters in SS Enclosure [HSN Code: 8536] GST@18%

| Reference | Relay Range (Amp) | Max. Motor Output at 415V, 3Ph | | MRP (₹) | Std. Pkg. (Nos.) |
|--------------|-------------------|--------------------------------|------|---------|------------------|
| | | KW | HP | | |
| CS1SD■0610NR | 6-10 | 7.5 | 10 | 10310 | 1 |
| CS1SD■0914NR | 9-14 | 9.3 | 12.5 | | |
| CS1SD■1118NR | 11-18 | 11 | 15 | | |
| CS1SD■1322NR | 13-22 | 11 | 15 | | |
| CS2SD■1322NR | 13-22 | 11 | 15 | | |
| CS2SD■2032NR | 20-32 | 11 | 15 | | |
| CS3SD■2032NR | 20-32 | 16 | 22 | 11130 | |



3Ø DOL in S.S. Enclosure [HSN Code: 8536] GST@18%

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

| Reference | Relay Range (Amp) | Standard Power Rating | | MRP (₹) | Std. Pkg. (Nos.) |
|-------------------|-------------------|-----------------------|-------|---------|------------------|
| | | kW | HP | | |
| BE1-DXM204■307NR | 1.6-2.5 | 0.75 | 1 | 4370 | 6 |
| BE1-DXM204■308NR | 2.5-4 | 1.1/1.5 | 1.5/2 | | |
| BE1-DXM204■310NR | 4-6 | 2.2 | 3 | | |
| BE1-DXM204■312NR | 5.5-8 | 2.2 | 3 | | |
| BE1-DXM204■314NR | 7-10 | 3.7 | 5 | | |
| BE1-DXM204■316XNR | 9-14 | 3.7/4 | 5/5.5 | | |
| BE1-DXM204■321NR | 13-18 | 5.5 | 7.5 | 4670 | |
| BE1-DXM254■321XNR | 14-22 | 7.5 | 10 | 4900 | |
| BE1-DXM254■322NR | 18-25 | 10 | 12 | 5070 | |
| BE1-DXM404■353NR | 23-32 | 11 | 15 | 7000 | |



Motor Starters

Conforming IS/IEC60947-4-1



3Ø Automatic Star Delta Starter in S.S Enclosure [HSN Code: 8536] GST@18%
 Incorporating Heavy Duty 4 Pole Contactor type TC1-DX with wide band operating coil, Overload relay type LR3D for motor protection & Electronic Star Delta Timer

| Reference | Relay Range (Amp) | Std. Power Rating for 3P at 415V | | MRP (₹) | Std. Pkg. (Nos.) |
|-------------------|-------------------|----------------------------------|-------|---------|------------------|
| | | kW | HP | | |
| BE3-DXM204■308NR | 2.5-4 | 1.5 | 2 | 14270 | 2 |
| BE3-DXM204■310NR | 4-6 | 2.2 | 3 | | |
| BE3-DXM204■312NR | 5.5-8 | 3.7 | 5 | | |
| BE3-DXM204■314NR | 7-10 | 5.5 | 7.5 | | |
| BE3-DXM204■316XNR | 9-14 | 9 | 12 | | |
| BE3-DXM204■321NR | 13-18 | 11 | 15 | 14710 | |
| BE3-DXM254■321XNR | 14-22 | 11 | 15 | 16840 | |
| BE3-DXM254■322NR | 18-25 | 11 | 15 | | |
| BE3-DXM254■353NR | 23-32 | 15/18 | 20/25 | | |



3Ø Semi Automatic Star Delta Starter in S.S Enclosure [HSN Code: 8536] GST@18%
 Incorporating Heavy Duty 4 Pole Contactor type TC1-DX with wide band operating coil, Overload relay type LR3D for motor protection

| Reference | Relay Range (Amp) | Std. Power Rating for 3P at 415V | | MRP (₹) | Std. Pkg. (Nos.) |
|---------------------|-------------------|----------------------------------|----|---------|------------------|
| | | kW | HP | | |
| BE3-DXM204■314SANR | 7-10 | 9 | 12 | 11850 | 2 |
| BE3-DXM204■316XSANR | 9-14 | 11 | 15 | | |
| BE3-DXM204■321SANR | 13-18 | 15 | 20 | 12230 | |
| BE3-DXM254■321XSANR | 14-22 | 18 | 25 | 15170 | |
| BE3-DXM254■322SANR | 18-25 | 18 | 25 | | |
| BE3-DXM254■353SANR | 23-32 | 22.5 | 30 | | |



3Ø Submersible Pump Starter Automatic Star Delta in S.S. Enclosure [HSN Code: 8536] GST@18%
 Incorporating Heavy Duty 4 Pole contactor type TC1-DX with wide band operating coil, Overload relay type LR1D with pneumatic timer

| Reference | Relay (Amp) | Standard Power Rating | | MRP (₹) | Std. Pkg. (Nos.) |
|----------------------|-------------|-----------------------|-----|---------|------------------|
| | | kW | HP | | |
| BE3-DXM204■307-PTNR | 1.6-2.5 | 1.5 | 2 | 14330 | 1 |
| BE3-DXM204■308-PTNR | 2.5-4 | 3 | 4 | | |
| BE3-DXM204■310-PTNR | 4-6 | 4 | 5.5 | | |
| BE3-DXM204■312-PTNR | 5.5-8 | 5.5 | 7.5 | | |
| BE3-DXM204■316X-PTNR | 9-14 | 11 | 15 | | |
| BE3-DXM204■321-PTNR | 13-18 | 15 | 20 | 14790 | |
| BE3-DXM254■321X-PTNR | 14-22 | 18 | 25 | 16960 | |
| BE3-DXM254■322-PTNR | 18-25 | 18 | 25 | | |
| BE3-DXM254■353-PTNR | 23-32 | 22.5 | 30 | | |

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

| Coil Voltage (AC) 50Hz | Voltage | |
|------------------------|---------|--------------|
| | | 190-400 Q |



Protection Measurement & Control Devices



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



Protection, Measurement & Control Devices

Digital Panel Meters

Features

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



| Description | Display | Reference | HSN Code | MRP (₹) |
|--|----------------|-------------|----------|---------|
| Single Phase Volt Meter 18-520V | 1 Row, 4 Digit | CSM-AT-1-V | 85364900 | 1460 |
| Three Phase Volt Meter 10-300V (L-N), 18-520V (LL) | 1 Row, 4 Digit | CSM-AT-3-V | 85364900 | 2060 |
| Three Phase Volt Meter 10-300V (L-N), 18-520V (LL) | 3 Row, 4 Digit | CSM-AT-3-V3 | 85364900 | 2560 |
| Single Phase Ampere Meter 50mA TO 6.0 A AC | 1 Row, 4 Digit | CSM-AT-1-I | 85364900 | 1460 |
| Three Phase Ampere Meter 50mA TO 6.0 A AC | 1 Row, 4 Digit | CSM-AT-3-I | 85364900 | 2060 |
| Three Phase Ampere Meter 50mA TO 6.0 A AC | 3 Row, 4 Digit | CSM-AT-3-I3 | 85364900 | 2560 |

Multi Function Meters

Features

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



| Description | Display | Reference | HSN Code | MRP (₹) |
|--|----------------|--------------------|----------|---------|
| Single Phase VIF Meter VLN, I, F | 1 Row, 4 Digit | CSM-AT-1-VIF | 85364900 | 3200 |
| Three Phase VIF Meter VLN, VLL, I1,I2,I3, F | 3 Row, 4 Digit | CSM-AT-3-VIF | 85364900 | 3400 |
| Digital Frequency Meter 40-70 Hz | 1 Row, 4 Digit | CSM-AT-F | 85364900 | 1460 |
| Digital RPM Meter 1500 RPM at 50 Hz | 1 Row, 4 Digit | CSM-AT-FR | 85364900 | POR |
| Digital Hour Meter | 1 Row, 4 Digit | CSM-AT-R | 85364900 | 1560 |
| DC Voltmeter 0-200 V | 1 Row, 4 Digit | CSM-AT-MDC-V-200 | 85364900 | POR |
| DC Ampere Meter 75 mV Shunt | 1 Row, 4 Digit | CSM-AT-MDC-I-2000 | 85364900 | |
| DC Ampere Meter 75 mV Shunt, | 1 Row, 4 Digit | CSM-AT-MDC-I-10000 | 85364900 | |
| Digital RPM Meter 1500 RPM at 10 VDC Or 3000 RPM at 10 VDC | 1 Row, 4 Digit | CSM-AT-RPM | 85364900 | |

Power Factor Controller

Features

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



| Description | Reference | HSN Code | MRP (₹) |
|---|------------------|----------|---------|
| Single CT Input Controller (LED based) | | | |
| 6 Stage APFC Controller with Single CT Input | CSPF-100-R06-110 | 85381010 | 12230 |
| 8 Stage APFC Controller with Single CT Input | CSPF-100-R08-110 | 85381010 | 14480 |
| 12 Stage APFC Controller with Single CT Input | CSPF-100-R12-110 | 85381010 | 16540 |
| Single CT Input Controller (LCD based) | | | |
| 6 Stage APFC Controller with Single CT Input | CSPF-200-R06-220 | 85381010 | 16300 |
| 8 Stage APFC Controller with Single CT Input | CSPF-200-R08-220 | 85381010 | 17870 |
| 12 Stage APFC Controller with Single CT Input | CSPF-200-R12-220 | 85381010 | 19550 |

Electronic Motor Protection Relay

Models

mPRO200, mPRO100, mPRO90, mPRO 50

Protection

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

Features

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



mPRO200

| Description | Reference | Current Range (A) | HSN Code | MRP (₹) |
|---|----------------------------|-------------------|----------|---------|
| MPRO-200, Rated current range (5-60A), with internal residual calculation, Aux supply (190-260V AC) | MPRO-200-60-E-00-H-V2 | 5.0-60 | 85364900 | 18830 |
| 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 | 18830 |
| 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 | 18830 |
| 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 | 18830 |
| 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 | 23540 |
| 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 | 23540 |
| 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 | 23540 |
| 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 | 23540 |
| 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 | 24720 |
| 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 | 24720 |
| 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 | 47080 |
| 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 | 34130 |
| 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 | 34130 |
| 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 | 34130 |
| 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 | 23540 |
| 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 | 23540 |
| 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 | 47080 |
| 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 | 47080 |
| 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 | 23540 |
| 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 | 47080 |
| 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 | 34130 |
| 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 | 34130 |
| 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 | 24720 |
| 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 | 24720 |
| 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 | 30020 |
| 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 | 34130 |



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 | 17070 |
| 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 | 17070 |
| 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 | 17070 |
| 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 | 17070 |
| 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 | 23540 |
| 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 | 28840 |
| 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 | 28840 |
| 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 | 27070 |
| 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 | 23540 |
| 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 | 24720 |
| 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 | 25890 |
| 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 | 27070 |
| 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 | 23540 |
| 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 | 24720 |
| 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 | 25890 |
| 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 | 27070 |
| MPRO-90, External CT1 Rated current Range (0.2-10A), with internal residual calculation | MPRO-90-CT1-E | 0.2-10 | 85364900 | 10360 |
| MPRO-90, External CT2 Rated current Range (0.8-25A), with internal residual calculation | MPRO-90-CT2-E | 0.8-25 | 85364900 | 10360 |
| MPRO-90, External CT3 Rated current Range (2-62.5A), with internal residual calculation | MPRO-90-CT3-E | 2.0-62.5 | 85364900 | 10950 |
| MPRO-90, External CT4 Rated current Range (4-125A), with internal residual calculation | MPRO-90-CT4-E | 4.0-125 | 85364900 | 12950 |
| MPRO-90, External CT5 Rated current Range (8-250A), with internal residual calculation | MPRO-90-CT5-E | 8.0-250 | 85364900 | 16480 |
| 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 | 21780 |
| 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 | 21780 |
| 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 | 22360 |
| MPRO-90, External CT4 Rated current Range (4-125A), with internal residual calculation, star-Delta | MPRO-90-CT4-E-SDT | 4.0-125 | 85364900 | 24720 |
| MPRO-90, External CT5 Rated current Range (8-250A), with internal residual calculation, Star-Delta | MPRO-90-CT5-E-SDT | 8.0-250 | 85364900 | 28250 |



Protection, Measurement & Control Devices

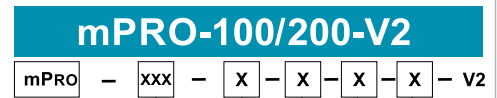


| Accessories | | | |
|--|------------|----------|---------|
| Description | Reference | HSN Code | MRP (₹) |
| Current Transformer Ratio 100/5A, Burden 5VA, Cl.1.0 | 3-CT-100/5 | 85043100 | 4870 |
| Current Transformer Ratio 200/5A, Burden 5VA, Cl.1.0 | 3-CT-200/5 | 85043100 | 4870 |
| Current Transformer Ratio 300/5A, Burden 5VA, Cl.1.0 | 3-CT-300/5 | 85043100 | 6070 |
| Current Transformer Ratio 400/5A, Burden 5VA, Cl.1.0 | 3-CT-400/5 | 85043100 | 6070 |
| Current Transformer Ratio 500/5A, Burden 5VA, Cl.1.0 | 3-CT-500/5 | 85043100 | 8590 |
| Current Transformer Ratio 600/5A, Burden 5VA, Cl.1.0 | 3-CT-600/5 | 85043100 | 8590 |

ORDERING INFORMATION



| | |
|--|-----|
| Protection Model Series | 90 |
| External CT Selection | xxx |
| 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 | x |
| E : with Internal Residual Calculation | |
| Options | xxx |
| O : Basic version | |
| SDT : with In-built STAR-DELTA control | |



| | |
|---|-----|
| Protection Model Series | xxx |
| 100 : with In-built LED display | |
| 200 : with Extended LCD display | |
| Rated Current | X |
| 60 : Rated current Range (5-60A) | |
| 5 : Rated current Range (1-5A) | |
| Earth Fault | X |
| 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 | |
| Options | X |
| 00 : NONE | |
| A0 : 4-20 mA Output + Digital Input | |
| OT : 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 | X |
| L : 110V AC (100-160V AC) | |
| H : 220V AC (190-260V AC) | |

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

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

Electronic Motor Protection Relay - CSMP

Protection

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

Features

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



| Description | Reference | Current Range (A) | HSN Code | MRP (₹) |
|---|--|-------------------|----------|---------|
| Relay CSMPA-80-3SR,80A,100-260VAC | CSMPA-80-3SR,80A,100-260VAC | 16-80 | 85364900 | 16850 |
| Relay CSMPA-40-3SR,40A,100-260VAC | CSMPA-40-3SR,40A,100-260VAC | 8.0-40 | 85364900 | 15730 |
| Relay CSMPA-40-3SR,20A,100-260VAC | CSMPA-40-3SR,20A,100-260VAC | 4.0-20 | 85364900 | 15730 |
| Relay CSMPA-22-3SR,22A,100-260VAC | CSMPA-22-3SR,22A,100-260VAC | 4.4-22 | 85364900 | 15730 |
| Relay CSMPA-22-3SR,5A,100-260VAC | CSMPA-22-3SR,5A,100-260VAC | 1.0-5 | 85364900 | 15730 |
| Relay CSMPA-22-3SR,1.5A,100-260VAC | CSMPA-22-3SR,1.5A,100-260VAC | 0.3-1.5 | 85364900 | 15730 |
| 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 | 30330 |
| 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 | 35950 |
| 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 | 30330 |
| 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 | 35950 |
| 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 | 30330 |
| 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 | 44940 |
| 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 | 30330 |
| 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 | 35950 |
| 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 | 30330 |
| 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 | 35950 |
| 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 | 30330 |
| IMC-IIIIM4852MAC110V50/60Hz | IMC-III-M485-2-MAC110V50/60Hz | 6 / 60 | 85364900 | 83710 |
| Relay IMP-CNOAC/DC85-245V | IMP-C-NO AC/DC85-245V | 10 / 100 | 85364900 | 41570 |
| Relay IMP-CA420AC/DC85-245V | IMP-C-A420 AC/DC85-245V | 10 / 100 | 85364900 | 47750 |
| Relay IMP-C-M485-AC/DC 85-245-40/60 | IMP-C-M485-AC/DC 85-245-40/60 | 10 / 100 | 85364900 | 47750 |
| Relay CSMPA-60-T,6A,220VAC | CSMPA-60-T,6A,220VAC | 0.5-6.0 | 85364900 | 6570 |
| Relay CSMPA-60-T,60A,220VAC | CSMPA-60-T,60A,220VAC | 5.0-60 | 85364900 | 6570 |
| Relay CSMPA-60-T,60A,110VAC | CSMPA-60-T,60A,110VAC | s5.0-60 | 85364900 | 6570 |
| Relay CSMPA-60-T,6A,110VAC | CSMPA-60-T,6A,110VAC | 0.5-6.0 | 85364900 | 6570 |
| Relay CSMPA-60-T,60A,415VAC | CSMPA-60-T,60A,415VAC | 5.0-60 | 85364900 | 6570 |
| Relay CSMPA-60-T,6A,415VAC | CSMPA-60-T,6A,415VAC | 0.5-60 | 85364900 | 6570 |

Accessories

| Description | Reference | HSN Code | MRP (₹) |
|------------------------|--------------------|----------|---------|
| Display Cable-1-1.15 m | ASSY.,(1-1.5)CSMPM | 85381090 | 3600 |
| Display Cable-4 m | ASSY.,(4M)CSMPM | 85381090 | 3940 |
| Z-CTD with ID=30mm | Z-CTD30 | 85043100 | 4770 |
| Z-CTD with ID=50mm | Z-CTD50 | 85043100 | 5390 |
| Z-CTD with ID=65mm | Z-CTD65 | 85043100 | 5960 |
| Z-CTD with ID=80mm | Z-CTD80 | 85043100 | 6520 |



Protection, Measurement & Control Devices

ELR - Earth Leakage Relay

Models

ELR 1.0, ELR 3.0



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

| 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 | 7310 |
| 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 | 11240 |
| 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 | 14050 |
| 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 | 5620 |
| 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 | 6180 |
| 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 | 6180 |
| 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 | 16850 |
| 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 | 7310 |
| 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 | 6180 |
| 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 | 14050 |



Protection, Measurement & Control Devices

DG AMF / Synchronizing Controller

Models

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

Protection & Features

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



| Description | Reference | HSN Code | MRP (₹) |
|---|------------------------------------|----------|---------|
| Relay EC2(VER1.10) | EC2(VER1.10) | 85364900 | 23590 |
| Relay EC-RXA_V2 | EC-RXA_V2 | 85364900 | 14330 |
| Relay EGA-250-0 | EGA-250-0 | 85364900 | 16850 |
| Relay EC2(VER 2.10) | EC2-V2.10 | 85364900 | 23590 |
| AMF Relay CD2.0 with MPU | AMF RELAY CD2.0 WITH MPU | 85364900 | 18540 |
| AMF Relay CD 5.0 | AMF Relay CD 5.0 | 85364900 | 50560 |
| Relay DG Synchronizer Relay CD5.0 with RS485/Ethernet | DG SYNC RELAY CD5.0 RS485/ETHERNET | 85364900 | 169650 |
| Relay EGC-250-0 | EGC-250-0 | 85364900 | 17980 |

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 | 8660 |
| Monitoring relays - ENYA series, Voltage monitoring in 3- and 1-phase mains | E1YM400VS10 (1340405H) | 85364900 | 5340 |
| Monitoring relays - GAMMA series, AC/DC current monitoring in 1-phase mains | G2IM10AL20,24-240V (2390410) | 85364900 | 26960 |
| ENYA series-Multifunction Timer,Up to 7 functions,7 time ranges,Wide input voltage range | E1ZM10 12-240VAC/DC | 85364900 | 8990 |
| Monitoring relays - ENYA series, Tripping unit for temperature monitoring | E3TF01 230VAC | 85364900 | 14610 |
| Monitoring relays - ENYA series - AC/DC current monitoring in 1-phase mains | E3IM10AL20,230VAC (1341200) | 85364900 | 22690 |
| ENYA series, Timers - Multifunction,Up to 7 functions,7 time ranges,Wide input voltage range | E1ZMQ10,24-240VAC/DC | 85364900 | 8990 |
| ENYA series- Timers - Asymmetric flasher | E1ZI10 12-240VAC/DC | 85364900 | 8990 |
| Monitoring relays - GAMMA series,Voltage monitoring in 3-phase mains | G2PM690VSY20 | 85364900 | 28090 |
| Monitoring relays - GAMMA series, Voltage monitoring in 3-phase mains | G2PM400VSY20(2390504) | 85364900 | 20790 |
| Monitoring relays - GAMMA series,a.c./d.c. current monitoring in 1-phase mains | G2IM5AL20,24-240V | 85364900 | 26960 |
| Monitoring relays - GAMMA series, a.c./d.c. current monitoring in 1-phase mains | G2IM10AL20 24-240V AC/DC | 85364900 | 26960 |
| Monitoring Relays-TR Series | TR2-400VAC(282117) | 85364900 | 2700 |

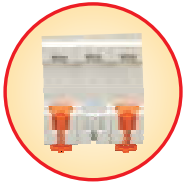


Final Power Distribution Components

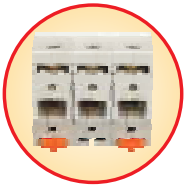


Miniature Circuit Breakers ■ Residual Current Circuit Breakers
Isolators ■ MCB Type Changeover Switches ■ ACCL ■ Distribution Boards
Cable End Boxes ■ Plugs & Socket DBs ■ MCB Enclosures

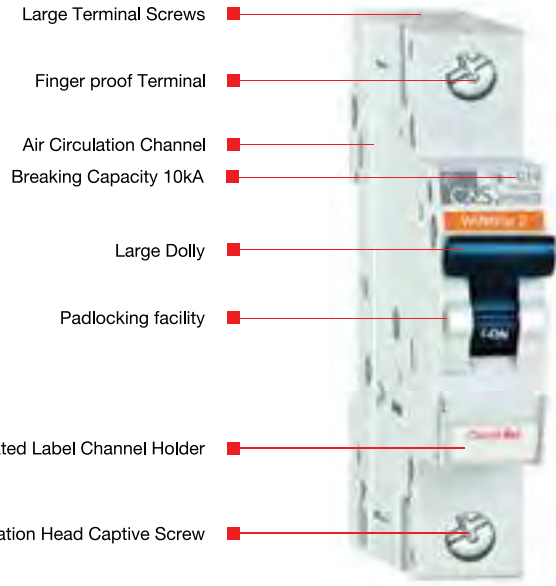
WiNtrip2 Miniature Circuit Breaker



Two stage easy snapping device for Din Rail Mounting



Bi-connect terminals for Cable and Busbar



B-Series

Lighting & Distribution with no Surge Current

[HSN Code: 8536]



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 1 Pole | | | |
| 6 | CSMBS1B6 | 280 | 12 |
| 10 | CSMBS1B10 | 280 | |
| 16 | CSMBS1B16 | 280 | |
| 20 | CSMBS1B20 | 280 | |
| 25 | CSMBS1B25 | 280 | |
| 32 | CSMBS1B32 | 280 | |
| 40 | CSMBS1B40 | 650 | |
| 50 | ❑CSMBS1B50 | 730 | |
| 63 | CSMBS1B63 | 730 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 3 Pole | | | |
| 6 | CSMBS3B6 | 1510 | 4 |
| 10 | CSMBS3B10 | 1510 | |
| 16 | CSMBS3B16 | 1510 | |
| 20 | CSMBS3B20 | 1510 | |
| 25 | CSMBS3B25 | 1510 | |
| 32 | CSMBS3B32 | 1510 | |
| 40 | CSMBS3B40 | 2250 | |
| 50 | ❑CSMBS3B50 | 2250 | |
| 63 | CSMBS3B63 | 2250 | |



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 1 Pole + N | | | |
| 6 | CSMBS1B6N | 910 | 6 |
| 10 | CSMBS1B10N | 910 | |
| 16 | CSMBS1B16N | 910 | |
| 20 | CSMBS1B20N | 910 | |
| 25 | CSMBS1B25N | 910 | |
| 32 | CSMBS1B32N | 910 | |
| 40 | CSMBS1B40N | 1320 | |
| 50 | ❑CSMBS1B50N | 1490 | |
| 63 | CSMBS1B63N | 1490 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 3 Pole + N | | | |
| 6 | ❑CSMBS3B6N | 1980 | 3 |
| 10 | ❑CSMBS3B10N | 1980 | |
| 16 | CSMBS3B16N | 1980 | |
| 20 | ❑CSMBS3B20N | 1980 | |
| 25 | ❑CSMBS3B25N | 1980 | |
| 32 | CSMBS3B32N | 1980 | |
| 40 | CSMBS3B40N | 2640 | |
| 50 | ❑CSMBS3B50N | 2930 | |
| 63 | CSMBS3B63N | 2930 | |



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 2 Pole | | | |
| 6 | CSMBS2B6 | 1010 | 6 |
| 10 | CSMBS2B10 | 1010 | |
| 16 | CSMBS2B16 | 1010 | |
| 20 | CSMBS2B20 | 1010 | |
| 25 | CSMBS2B25 | 1010 | |
| 32 | CSMBS2B32 | 1010 | |
| 40 | CSMBS2B40 | 1430 | |
| 50 | ❑CSMBS2B50 | 1650 | |
| 63 | CSMBS2B63 | 1650 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 4 Pole | | | |
| 6 | ❑CSMBS4B6 | 2190 | 3 |
| 10 | ❑CSMBS4B10 | 2190 | |
| 16 | ❑CSMBS4B16 | 2190 | |
| 20 | ❑CSMBS4B20 | 2190 | |
| 25 | ❑CSMBS4B25 | 2190 | |
| 32 | CSMBS4B32 | 2190 | |
| 40 | CSMBS4B40 | 2860 | |
| 50 | CSMBS4B50 | 3050 | |
| 63 | CSMBS4B63 | 3050 | |

❑ 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 | 490 | 12 |
| 1 | CSMBS1C1 | 490 | |
| 2 | CSMBS1C2 | 490 | |
| 3 | CSMBS1C3 | 490 | |
| 4 | CSMBS1C4 | 490 | |
| 5 | CSMBS1C5 | 490 | |
| 6 | CSMBS1C6 | 290 | |
| 10 | CSMBS1C10 | 290 | |
| 16 | CSMBS1C 16 | 290 | |
| 20 | CSMBS1C20 | 290 | |
| 25 | CSMBS1C25 | 290 | |
| 32 | CSMBS1C32 | 290 | |
| 40 | CSMBS1C40 | 690 | |
| 50 | CSMBS1C50 | 740 | |
| 63 | CSMBS1C63 | 740 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 3 Pole | | | |
| 0.5 | CSMBS3C0.5 | 2000 | 4 |
| 1 | CSMBS3C1 | 2000 | |
| 2 | CSMBS3C2 | 2000 | |
| 3 | CSMBS3C3 | 2000 | |
| 4 | CSMBS3C4 | 2000 | |
| 5 | CSMBS3C5 | 2000 | |
| 6 | CSMBS3C6 | 1600 | |
| 10 | CSMBS3C10 | 1600 | |
| 16 | CSMBS3C16 | 1600 | |
| 20 | CSMBS3C20 | 1600 | |
| 25 | CSMBS3C25 | 1600 | |
| 32 | CSMBS3C32 | 1600 | |
| 40 | CSMBS3C40 | 2370 | |
| 50 | CSMBS3C50 | 2470 | |
| 63 | CSMBS3C63 | 2470 | |



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 1 Pole + N | | | |
| 0.5 | CSMBS1C0.5N | 1370 | 6 |
| 1 | CSMBS1C1N | 1370 | |
| 2 | CSMBS1C2N | 1370 | |
| 3 | CSMBS1C3N | 1370 | |
| 4 | CSMBS1C4N | 1370 | |
| 5 | CSMBS1C5N | 1370 | |
| 6 | CSMBS1C6N | 970 | |
| 10 | CSMBS1C10N | 970 | |
| 16 | CSMBS1C16N | 970 | |
| 20 | CSMBS1C20N | 970 | |
| 25 | CSMBS1C25N | 970 | |
| 32 | CSMBS1C32N | 970 | |
| 40 | CSMBS1C40N | 1410 | |
| 50 | CSMBS1C50N | 1590 | |
| 63 | CSMBS1C63N | 1590 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 3 Pole + N | | | |
| 0.5 | CSMBS3C0.5N | 2590 | 3 |
| 1 | CSMBS3C1N | 2590 | |
| 2 | CSMBS3C2N | 2590 | |
| 3 | CSMBS3C3N | 2590 | |
| 4 | CSMBS3C4N | 2590 | |
| 5 | CSMBS3C5N | 2590 | |
| 6 | CSMBS3C6N | 2030 | |
| 10 | CSMBS3C10N | 2030 | |
| 16 | CSMBS3C16N | 2030 | |
| 20 | CSMBS3C20N | 2030 | |
| 25 | CSMBS3C25N | 2030 | |
| 32 | CSMBS3C32N | 2030 | |
| 40 | CSMBS3C40N | 2770 | |
| 50 | CSMBS3C50N | 2940 | |
| 63 | CSMBS3C63N | 2940 | |



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 2 Pole | | | |
| 0.5 | CSMBS2C0.5 | 1420 | 6 |
| 1 | CSMBS2C1 | 1420 | |
| 2 | CSMBS2C2 | 1420 | |
| 3 | CSMBS2C3 | 1420 | |
| 4 | CSMBS2C4 | 1420 | |
| 5 | CSMBS2C5 | 1420 | |
| 6 | CSMBS2C6 | 1010 | |
| 10 | CSMBS2C10 | 1010 | |
| 16 | CSMBS2C16 | 1010 | |
| 20 | CSMBS2C20 | 1010 | |
| 25 | CSMBS2C25 | 1010 | |
| 32 | CSMBS2C32 | 1010 | |
| 40 | CSMBS2C40 | 1490 | |
| 50 | CSMBS2C50 | 1690 | |
| 63 | CSMBS2C63 | 1690 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 4 Pole | | | |
| 0.5 | CSMBS4C0.5 | 2760 | 3 |
| 1 | CSMBS4C1 | 2760 | |
| 2 | CSMBS4C2 | 2760 | |
| 3 | CSMBS4C3 | 2760 | |
| 4 | CSMBS4C4 | 2760 | |
| 5 | CSMBS4C5 | 2760 | |
| 6 | CSMBS4C6 | 2250 | |
| 10 | CSMBS4C10 | 2250 | |
| 16 | CSMBS4C16 | 2250 | |
| 20 | CSMBS4C20 | 2250 | |
| 25 | CSMBS4C25 | 2250 | |
| 32 | CSMBS4C32 | 2250 | |
| 40 | CSMBS4C40 | 3090 | |
| 50 | CSMBS4C50 | 3190 | |
| 63 | CSMBS4C63 | 3190 | |

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 | 560 | 12 |
| 1 | CSMBS1D1 | 560 | |
| 2 | ☒CSMBS1D2 | 560 | |
| 3 | CSMBS1D3 | 560 | |
| 4 | CSMBS1D4 | 560 | |
| 5 | CSMBS1D5 | 560 | |
| 6 | ☒CSMBS1D6 | 460 | |
| 10 | ☒CSMBS1D10 | 460 | |
| 16 | ☒CSMBS1D16 | 460 | |
| 20 | ☒CSMBS1D20 | 460 | |
| 25 | ☒CSMBS1D25 | 460 | |
| 32 | ☒CSMBS1D32 | 460 | |
| 40 | CSMBS1D40 | 780 | |
| 50 | CSMBS1D50 | 880 | |
| 63 | CSMBS1D63 | 880 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 3 Pole | | | |
| 0.5 | CSMBS3D0.5 | 2230 | 4 |
| 1 | CSMBS3D1 | 2230 | |
| 2 | CSMBS3D2 | 2230 | |
| 3 | CSMBS3D3 | 2230 | |
| 4 | CSMBS3D4 | 2230 | |
| 5 | CSMBS3D5 | 2230 | |
| 6 | ☒CSMBS3D6 | 1760 | |
| 10 | CSMBS3D10 | 1760 | |
| 16 | ☒CSMBS3D16 | 1760 | |
| 20 | ☒CSMBS3D20 | 1760 | |
| 25 | ☒CSMBS3D25 | 1760 | |
| 32 | ☒CSMBS3D32 | 1760 | |
| 40 | ☒CSMBS3D40 | 2670 | |
| 50 | CSMBS3D50 | 2770 | |
| 63 | ☒CSMBS3D63 | 2770 | |



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 1 Pole + N | | | |
| 0.5 | CSMBS1D0.5N | 1410 | 6 |
| 1 | CSMBS1D1N | 1410 | |
| 2 | CSMBS1D2N | 1410 | |
| 3 | CSMBS1D3N | 1410 | |
| 4 | CSMBS1D4N | 1410 | |
| 5 | CSMBS1D5N | 1410 | |
| 6 | CSMBS1D6N | 1110 | |
| 10 | CSMBS1D10N | 1110 | |
| 16 | CSMBS1D16N | 1110 | |
| 20 | CSMBS1D20N | 1110 | |
| 25 | CSMBS1D25N | 1110 | |
| 32 | ☒CSMBS1D32N | 1110 | |
| 40 | CSMBS1D40N | 1650 | |
| 50 | CSMBS1D50N | 1760 | |
| 63 | ☒CSMBS1D63N | 1760 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 3 Pole + N | | | |
| 0.5 | CSMBS3D0.5N | 2870 | 3 |
| 1 | CSMBS3D1N | 2870 | |
| 2 | CSMBS3D2N | 2870 | |
| 3 | CSMBS3D3N | 2870 | |
| 4 | CSMBS3D4N | 2870 | |
| 5 | CSMBS3D5N | 2870 | |
| 6 | CSMBS3D6N | 2620 | |
| 10 | CSMBS3D10N | 2620 | |
| 16 | ☒CSMBS3D16N | 2620 | |
| 20 | CSMBS3D20N | 2620 | |
| 25 | ☒CSMBS3D25N | 2620 | |
| 32 | ☒CSMBS3D32N | 2620 | |
| 40 | CSMBS3D40N | 2900 | |
| 50 | CSMBS3D50N | 3040 | |
| 63 | ☒CSMBS3D63N | 3040 | |



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 2 Pole | | | |
| 0.5 | ☒CSMBS2D0.5 | 1490 | 6 |
| 1 | CSMBS2D1 | 1490 | |
| 2 | ☒CSMBS2D2 | 1490 | |
| 3 | CSMBS2D3 | 1490 | |
| 4 | ☒CSMBS2D4 | 1490 | |
| 5 | CSMBS2D5 | 1490 | |
| 6 | ☒CSMBS2D6 | 1190 | |
| 10 | ☒CSMBS2D10 | 1190 | |
| 16 | ☒CSMBS2D16 | 1190 | |
| 20 | ☒CSMBS2D20 | 1190 | |
| 25 | ☒CSMBS2D25 | 1190 | |
| 32 | ☒CSMBS2D32 | 1190 | |
| 40 | CSMBS2D40 | 1730 | |
| 50 | CSMBS2D50 | 1800 | |
| 63 | ☒CSMBS2D63 | 1800 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 4 Pole | | | |
| 0.5 | CSMBS4D0.5 | 2940 | 3 |
| 1 | CSMBS4D1 | 2940 | |
| 2 | CSMBS4D2 | 2940 | |
| 3 | CSMBS4D3 | 2940 | |
| 4 | CSMBS4D4 | 2940 | |
| 5 | CSMBS4D5 | 2940 | |
| 6 | CSMBS4D6 | 2700 | |
| 10 | CSMBS4D10 | 2700 | |
| 16 | ☒CSMBS4D16 | 2700 | |
| 20 | CSMBS4D20 | 2700 | |
| 25 | CSMBS4D25 | 2700 | |
| 32 | CSMBS4D32 | 2700 | |
| 40 | ☒CSMBS4D40 | 3280 | |
| 50 | CSMBS4D50 | 3600 | |
| 63 | ☒CSMBS4D63 | 3600 | |

☒ 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 | 570 | 12 |
| 1 | CSMBS1K1 | 570 | |
| 2 | CSMBS1K2 | 570 | |
| 3 | CSMBS1K3 | 570 | |
| 4 | CSMBS1K4 | 570 | |
| 5 | CSMBS1K5 | 570 | |
| 6 | CSMBS1K6 | 360 | |
| 10 | CSMBS1K10 | 360 | |
| 16 | CSMBS1K16 | 360 | |
| 20 | CSMBS1K20 | 360 | |
| 25 | CSMBS1K25 | 360 | |
| 32 | CSMBS1K32 | 360 | |
| 40 | CSMBS1K40 | 800 | |
| 50 | CSMBS1K50 | 880 | |
| 63 | CSMBS1K63 | 880 | |



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 1 Pole + N | | | |
| 0.5 | CSMBS1K0.5N | 1530 | 6 |
| 1 | CSMBS1K1N | 1530 | |
| 2 | CSMBS1K2N | 1530 | |
| 3 | CSMBS1K3N | 1530 | |
| 4 | CSMBS1K4N | 1530 | |
| 5 | CSMBS1K5N | 1530 | |
| 6 | CSMBS1K6N | 1090 | |
| 10 | CSMBS1K10N | 1090 | |
| 16 | CSMBS1K16N | 1090 | |
| 20 | CSMBS1K20N | 1090 | |
| 25 | CSMBS1K25N | 1090 | |
| 32 | CSMBS1K32N | 1090 | |
| 40 | CSMBS1K40N | 1560 | |
| 50 | CSMBS1K50N | 1760 | |
| 63 | CSMBS1K63N | 1760 | |



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 2 Pole | | | |
| 0.5 | CSMBS2K0.5 | 1610 | 6 |
| 1 | CSMBS2K1 | 1610 | |
| 2 | CSMBS2K2 | 1610 | |
| 3 | CSMBS2K3 | 1610 | |
| 4 | CSMBS2K4 | 1610 | |
| 5 | CSMBS2K5 | 1610 | |
| 6 | CSMBS2K6 | 1160 | |
| 10 | CSMBS2K10 | 1160 | |
| 16 | CSMBS2K16 | 1160 | |
| 20 | CSMBS2K20 | 1160 | |
| 25 | CSMBS2K25 | 1160 | |
| 32 | CSMBS2K32 | 1160 | |
| 40 | CSMBS2K40 | 1730 | |
| 50 | CSMBS2K50 | 1960 | |
| 63 | CSMBS2K63 | 1960 | |

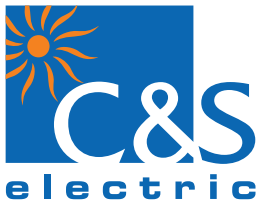
| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 3 Pole | | | |
| 0.5 | CSMBS3K0.5 | 2240 | 4 |
| 1 | CSMBS3K1 | 2240 | |
| 2 | CSMBS3K2 | 2240 | |
| 3 | CSMBS3K3 | 2240 | |
| 4 | CSMBS3K4 | 2240 | |
| 5 | CSMBS3K5 | 2240 | |
| 6 | CSMBS3K6 | 1850 | |
| 10 | CSMBS3K10 | 1850 | |
| 16 | CSMBS3K16 | 1850 | |
| 20 | CSMBS3K20 | 1850 | |
| 25 | CSMBS3K25 | 1850 | |
| 32 | CSMBS3K32 | 1850 | |
| 40 | CSMBS3K40 | 2700 | |
| 50 | CSMBS3K50 | 2870 | |
| 63 | CSMBS3K63 | 2870 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 3 Pole + N | | | |
| 0.5 | CSMBS3K0.5N | 2890 | 3 |
| 1 | CSMBS3K1N | 2890 | |
| 2 | CSMBS3K2N | 2890 | |
| 3 | CSMBS3K3N | 2890 | |
| 4 | CSMBS3K4N | 2890 | |
| 5 | CSMBS3K5N | 2890 | |
| 6 | CSMBS3K6N | 2360 | |
| 10 | CSMBS3K10N | 2360 | |
| 16 | CSMBS3K16N | 2360 | |
| 20 | CSMBS3K20N | 2360 | |
| 25 | CSMBS3K25N | 2360 | |
| 32 | CSMBS3K32N | 2360 | |
| 40 | CSMBS3K40N | 3170 | |
| 50 | CSMBS3K50N | 3400 | |
| 63 | CSMBS3K63N | 3400 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 4 Pole | | | |
| 0.5 | CSMBS4K0.5 | 3090 | 3 |
| 1 | CSMBS4K1 | 3090 | |
| 2 | CSMBS4K2 | 3090 | |
| 3 | CSMBS4K3 | 3090 | |
| 4 | CSMBS4K4 | 3090 | |
| 5 | CSMBS4K5 | 3090 | |
| 6 | CSMBS4K6 | 2620 | |
| 10 | CSMBS4K10 | 2620 | |
| 16 | CSMBS4K16 | 2620 | |
| 20 | CSMBS4K20 | 2620 | |
| 25 | CSMBS4K25 | 2620 | |
| 32 | CSMBS4K32 | 2620 | |
| 40 | CSMBS4K40 | 3510 | |
| 50 | CSMBS4K50 | 3790 | |
| 63 | CSMBS4K63 | 3790 | |

Non Stockable item

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



WiNtrip2 DC MCB

- 250V (1 Pole) & 500V (2 Pole), 6kA / 3kA Breaking Capacity
- Range: 6A~40A
- Standard Conformity: IEC60947-2:2016





WiNtrip2 Miniature Circuit Breaker

DC MCB-Series

[HSN Code: 8536]



| Description | Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|--------------------|------------------------|----------------|---------|------------------|
| 1 Pole | | | | |
| DC MCB SP 6A-250V | 6 | CSMBS1DC6-250 | 630 | 12 |
| DC MCB SP 10A-250V | 10 | CSMBS1DC10-250 | 630 | |
| DC MCB SP 16A-250V | 16 | CSMBS1DC16-250 | 630 | |
| DC MCB SP 20A-250V | 20 | CSMBS1DC20-250 | 630 | |
| DC MCB SP 25A-250V | 25 | CSMBS1DC25-250 | 630 | |
| DC MCB SP 32A-250V | 32 | CSMBS1DC32-250 | 630 | |
| DC MCB SP 40A-250V | 40 | CSMBS1DC40-250 | 880 | |
| Shorting link | | SHMT8101 | 120 | |
| 2 Pole | | | | |
| DC MCB DP 6A-500V | 6 | CSMBS2DC6-500 | 1320 | 6 |
| DC MCB DP 10A-500V | 10 | CSMBS2DC10-500 | 1320 | |
| DC MCB DP 16A-500V | 16 | CSMBS2DC16-500 | 1320 | |
| DC MCB DP 20A-500V | 20 | CSMBS2DC20-500 | 1320 | |
| DC MCB DP 25A-500V | 25 | CSMBS2DC25-500 | 1320 | |
| DC MCB DP 32A-500V | 32 | CSMBS2DC32-500 | 1320 | |
| DC MCB DP 40A-500V | 40 | CSMBS2DC40-500 | 1890 | |
| Shorting link | | SHMT8101 | 120 | |

DC MCB-Series

[HSN Code: 8536]



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) | Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|------------------------|--------------|---------|------------------|
| 1 Pole | | | | 2 Pole | | | |
| 0.5 | CSMBS1DC0.5 | 660 | 12 | 0.5 | CSMBS2DC0.5 | 1540 | 6 |
| 1 | CSMBS1DC1 | 660 | | 1 | CSMBS2DC1 | 1540 | |
| 2 | CSMBS1DC2 | 660 | | 2 | CSMBS2DC2 | 1540 | |
| 3 | CSMBS1DC3 | 660 | | 3 | CSMBS2DC3 | 1540 | |
| 4 | CSMBS1DC4 | 660 | | 4 | CSMBS2DC4 | 1540 | |
| 5 | CSMBS1DC5 | 660 | | 5 | CSMBS2DC5 | 1540 | |
| 6 | CSMBS1DC6 | 570 | | 6 | CSMBS2DC6 | 1200 | |
| 10 | CSMBS1DC10 | 570 | | 10 | CSMBS2DC10 | 1200 | |
| 16 | CSMBS1DC16 | 570 | | 16 | CSMBS2DC16 | 1200 | |
| 20 | CSMBS1DC20 | 570 | | 20 | CSMBS2DC20 | 1200 | |
| 25 | CSMBS1DC25 | 570 | | 25 | CSMBS2DC25 | 1200 | |
| 32 | CSMBS1DC32 | 570 | | 32 | CSMBS2DC32 | 1200 | |
| 40 | CSMBS1DC40 | 800 | | 40 | CSMBS2DC40 | 1670 | |
| 50 | CSMBS1DC50 | 930 | | 50 | CSMBS2DC50 | 1880 | |
| 63 | CSMBS1DC63 | 930 | | 63 | CSMBS2DC63 | 1880 | |

Accessories (Site fit-able)

[HSN Code: 8538]

| Description | Product Code | Configuration | Type of contact | Fitment | Module Size | Suitable MCB Rating (A) | MRP (₹) |
|-------------------|--------------|---------------|-----------------|---------|-------------|-------------------------|---------|
| Auxiliary Contact | CSMBAXSF1 | 1NO-1NC | Changeover | Right | 9 mm | Wintrip2 0.5-63 | 1110 |
| Auxiliary Contact | CSMBAXSF2 | 2NO-2NC | Changeover | Right | 9 mm | Wintrip2 0.5-63 | 1160 |
| Auxiliary Contact | CSMBAXSF11 | 1NO-1NC | Potential free | Left | 18 mm | Wintrip2 0.5-63 | 1110 |
| Alarm Contact | CSMBALSF1 | 1 Changeover | Changeover | Right | 9 mm | Wintrip2 0.5-63 | 960 |
| Shunt Trip | CSMBS01DCSF | - | - | Left | 18 mm | Wintrip2 0.5-63 | 1320 |
| Shunt Trip | CSMBS02DCSF | - | - | Left | 18 mm | Wintrip2 0.5-63 | 1320 |
| Shunt Trip | CSMBS04DCSF | - | - | Left | 18 mm | Wintrip2 0.5-63 | 1320 |
| Shunt Trip | CSMBS220ACSF | - | - | Left | 18 mm | Wintrip2 0.5-63 | 1320 |

☒ Non Stockable item

WiNtrip2 Isolator (IEC 60947-3)

[HSN Code: 8536]



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 1 Pole | | | |
| 25 | CSMBS1SD25 | 380 | 12 |
| 40 | CSMBS1SD40 | 500 | |
| 63 | CSMBS1SD63 | 550 | |
| 80 | CSMBS1SD80 | 620 | |
| 100 | CSMBS1SD100 | 720 | |
| 125 | CSMBS1SD125 | 840 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 3 Pole | | | |
| 25 | CSMBS3SD25 | 1190 | 4 |
| 40 | CSMBS3SD40 | 1360 | |
| 63 | CSMBS3SD63 | 1520 | |
| 80 | CSMBS3SD80 | 1740 | |
| 100 | CSMBS3SD100 | 1800 | |
| 125 | CSMBS3SD125 | 1900 | |



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 2 Pole | | | |
| 25 | CSMBS2SD25 | 630 | 6 |
| 40 | CSMBS2SD40 | 700 | |
| 63 | CSMBS2SD63 | 880 | |
| 80 | CSMBS2SD80 | 1110 | |
| 100 | CSMBS2SD100 | 1140 | |
| 125 | CSMBS2SD125 | 1270 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 4 Pole | | | |
| 25 | CSMBS4SD25 | 1250 | 3 |
| 40 | CSMBS4SD40 | 1550 | |
| 63 | CSMBS4SD63 | 1700 | |
| 80 | CSMBS4SD80 | 2100 | |
| 100 | CSMBS4SD100 | 2130 | |
| 125 | CSMBS4SD125 | 2350 | |

[HSN Code: 8536]



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 1 Pole | | | |
| 25 | CSMBS1ISO25 | 340 | 12 |
| 40 | CSMBS1ISO40 | 450 | |
| 63 | CSMBS1ISO63 | 500 | |
| 80 | CSMBS1ISO80 | 560 | |
| 100 | CSMBS1ISO100 | 650 | |
| 125 | CSMBS1ISO125 | 760 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 3 Pole | | | |
| 25 | CSMBS3ISO25 | 1050 | 4 |
| 40 | CSMBS3ISO40 | 1200 | |
| 63 | CSMBS3ISO63 | 1350 | |
| 80 | CSMBS3ISO80 | 1540 | |
| 100 | CSMBS3ISO100 | 1590 | |
| 125 | CSMBS3ISO125 | 1680 | |



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 2 Pole | | | |
| 25 | CSMBS2ISO25 | 570 | 6 |
| 40 | CSMBS2ISO40 | 630 | |
| 63 | CSMBS2ISO63 | 790 | |
| 80 | CSMBS2ISO80 | 1000 | |
| 100 | CSMBS2ISO100 | 1020 | |
| 125 | CSMBS2ISO125 | 1140 | |

| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|
| 4 Pole | | | |
| 25 | CSMBS4ISO25 | 1110 | 3 |
| 40 | CSMBS4ISO40 | 1370 | |
| 63 | CSMBS4ISO63 | 1510 | |
| 80 | CSMBS4ISO80 | 1860 | |
| 100 | CSMBS4ISO100 | 1890 | |
| 125 | CSMBS4ISO125 | 2090 | |

Available till the stock last



Higher Rating Miniature Circuit Breakers (IEC 60947-2)

[HSN Code: 8536]



| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) | Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
|------------------------|--------------|---------|------------------|------------------------|--------------|---------|------------------|
| 1 Pole | | | | 3 Pole | | | |
| 80 | CSMBH1C80 | 2700 | 3 | 80 | CSMBH3C80 | 9470 | 1 |
| 100 | CSMBH1C100 | 3030 | | 100 | CSMBH3C100 | 10090 | |
| 125 | CSMBH1C125 | 3280 | | 125 | CSMBH3C125 | 11200 | |
| 2 Pole | | | | 4 Pole | | | |
| 80 | CSMBH2C80 | 6000 | 3 | 80 | CSMBH4C80 | 12050 | 1 |
| 100 | CSMBH2C100 | 6410 | | 100 | CSMBH4C100 | 12570 | |
| 125 | CSMBH2C125 | 7050 | | 125 | CSMBH4C125 | 14190 | |

Accessories (Site fit-able)

[HSN Code: 8538]

| Description | Product Code | Configuration | Type of contact | Fitment | Module Size | Suitable MCB Rating (A) | MRP (₹) |
|-------------------|---------------|---------------|-----------------|---------|-------------|-------------------------|---------|
| Auxiliary Contact | CSMBAXHSF1 | 1NO-1NC | Changeover | Right | 9 mm | Wintrip2 80-100 | 1210 |
| Auxiliary Contact | CSMBAXHSF2 | 2NO-2NC | Changeover | Right | 9 mm | Wintrip2 80-100 | 1260 |
| Alarm Contact | CSMBALHSF1 | 1 Changeover | Changeover | Right | 9 mm | Wintrip2 80-100 | 1210 |
| Shunt Trip | CSMBHS012DCSF | - | - | Left | 18 mm | Wintrip2 80-100 | 1420 |
| Shunt Trip | CSMBHS024DCSF | - | - | Left | 18 mm | Wintrip2 80-100 | 1420 |
| Shunt Trip | CSMBHS048DCSF | - | - | Left | 18 mm | Wintrip2 80-100 | 1420 |
| Shunt Trip | CSMBHS220ACSF | - | - | Left | 18 mm | Wintrip2 80-100 | 1420 |

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 | 1940 | 6 |
| Two way centre OFF Changeover Switch | 2 | 40 | CSCOS2P40A | 2870 | |
| Two way centre OFF Changeover Switch | 2 | 63 | CSCOS2P63A | 3330 | |
| 4 Pole | | | | | |
| Two way centre OFF Changeover Switch | 4 | 25 | CSCOS4P25A | 3660 | 3 |
| Two way centre OFF Changeover Switch | 4 | 40 | CSCOS4P40A | 5490 | |
| Two way centre OFF Changeover Switch | 4 | 63 | CSCOS4P63A | 5890 | |

[HSN Code: 8536]

SmartSol Mini MCB DP



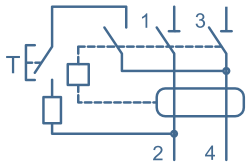
| Description | Current rating (Amps.) | Reference | MRP (₹) |
|---------------------------------------|------------------------|----------------|---------|
| DP "C" 6-32A Mini MCB with Enclosure | 6-32 | CSMBSS2C6-32 | 650 |
| SPN "C" 6-32A Mini MCB with Enclosure | 6-32 | CSMBSS1C6-32*N | 650 |

Non Stockable item

WiNtrip Residual Current Circuit Breaker



| 2 Pole, 30mA 10kA | | | [HSN Code: 8536] |
|------------------------|--------------------|---------|------------------|
| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
| 10 | CSRB2P10A30-10kA | 3630 | 6 |
| 16 | CSRB2P16A30-10kA | 3630 | |
| 20 | ☒CSRB2P20A30-10kA | 3630 | |
| 25 | CSRB2P25A30-10kA | 3740 | |
| 32 | CSRB2P32A30-10kA | 3820 | |
| 40 | CSRB2P40A30-10kA | 3850 | |
| 63 | CSRB2P63A30-10kA | 5140 | |
| 80 | ☒CSRB2P80A30-10kA | 7670 | |
| 100 | ☒CSRB2P100A30-10kA | 7710 | |



| 2 Pole, 100mA 10kA | | | [HSN Code: 8536] |
|------------------------|---------------------|---------|------------------|
| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
| 10 | ☒CSRB2P10A100-10kA | 3630 | 6 |
| 16 | CSRB2P16A100-10kA | 3630 | |
| 20 | ☒CSRB2P20A100-10kA | 3630 | |
| 25 | CSRB2P25A100-10kA | 3740 | |
| 32 | CSRB2P32A100-10kA | 3820 | |
| 40 | CSRB2P40A100-10kA | 3850 | |
| 63 | CSRB2P63A100-10kA | 5140 | |
| 80 | CSRB2P80A100-10kA | 7670 | |
| 100 | ☒CSRB2P100A100-10kA | 7710 | |



Test Button



Bi-connect Terminals

| 2 Pole, 300mA 10kA | | | [HSN Code: 8536] |
|------------------------|--------------------|---------|------------------|
| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
| 10 | CSRB2P10A300-10kA | 3640 | 6 |
| 16 | ☒CSRB2P16A300-10kA | 3640 | |
| 20 | CSRB2P20A300-10kA | 3650 | |
| 25 | CSRB2P25A300-10kA | 3940 | |
| 32 | ☒CSRB2P32A300-10kA | 3980 | |
| 40 | ☒CSRB2P40A300-10kA | 4220 | |
| 63 | ☒CSRB2P63A300-10kA | 5290 | |
| 80 | ☒CSRB2P80A300-10kA | 7710 | |
| 100 | CSRB2P100A300-10kA | 7750 | |

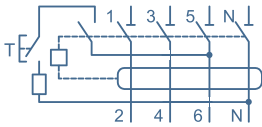
☒ Non Stockable item



WiNtrip Residual Current Circuit Breaker



| 4 Pole, 30mA 10kA | | | [HSN Code: 8536] |
|------------------------|-------------------|---------|------------------|
| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
| 10 | ☒CSR4P10A30-10kA | 4520 | 3 |
| 16 | CSR4P16A30-10kA | 4540 | |
| 20 | ☒CSR4P20A30-10kA | 4580 | |
| 25 | CSR4P25A30-10kA | 4800 | |
| 32 | CSR4P32A30-10kA | 4810 | |
| 40 | CSR4P40A30-10kA | 4920 | |
| 63 | CSR4P63A30-10kA | 5590 | |
| 80 | CSR4P80A30-10kA | 8450 | |
| 100 | ☒CSR4P100A30-10kA | 8680 | |



| 4 Pole, 100mA 10kA | | | [HSN Code: 8536] |
|------------------------|-------------------|---------|------------------|
| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
| 10 | ☒CSR4P10A100-10kA | 4520 | 3 |
| 16 | ☒CSR4P16A100-10kA | 4540 | |
| 20 | CSR4P20A100-10kA | 4580 | |
| 25 | CSR4P25A100-10kA | 4800 | |
| 32 | CSR4P32A100-10kA | 4810 | |
| 40 | CSR4P40A100-10kA | 4920 | |
| 63 | CSR4P63A100-10kA | 5590 | |
| 80 | CSR4P80A100-10kA | 8450 | |
| 100 | CSR4P100A100-10kA | 8680 | |



Test Button



Bi-connect Terminals

| 4 Pole, 300mA 10kA | | | [HSN Code: 8536] |
|------------------------|-------------------|---------|------------------|
| Current rating (Amps.) | Product Code | MRP (₹) | Std. Pkg. (Nos.) |
| 10 | ☒CSR4P10A300-10kA | 4540 | 3 |
| 16 | ☒CSR4P16A300-10kA | 4570 | |
| 20 | CSR4P20A300-10kA | 4600 | |
| 25 | ☒CSR4P25A300-10kA | 5020 | |
| 32 | ☒CSR4P32A300-10kA | 5020 | |
| 40 | CSR4P40A300-10kA | 5240 | |
| 63 | CSR4P63A300-10kA | 5630 | |
| 80 | ☒CSR4P80A300-10kA | 8510 | |
| 100 | CSR4P100A300-10kA | 8720 | |

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 | 4120 |
| TCALSS010 | 30 | 1 | 4120 |
| TCALSS015 | 30 | 1.5 | 4120 |
| TCALSS025 | 30 | 2.5 | 4120 |
| TCALSS030 | 30 | 3 | 4120 |
| TCALSS040 | 30 | 4 | 4120 |
| TCALSS050 | 30 | 5 | 4120 |
| TCALSS060 | 30 | 6 | 4120 |
| TCALSS080 | 30 | 8 | 4120 |
| TCALSS090 | 30 | 9 | 4120 |
| TCALSS100 | 30 | 10 | 4120 |
| TCALSS150 | 30 | 15 | 4120 |
| TCALSS200 | 30 | 20 | 4120 |
| TCALSS250 | 30 | 25 | 4120 |
| TCALSS300 | 30 | 30 | 4120 |



Epitome IP43 Distribution Boards

for Residential & Industrial applications

- Heavy duty Gasket to inhibit the entry of foreign particles
- Choice of multiple incomers as MCB/Isolator/RCCB
- Adequate wiring space
- Also available with lock & key mechanism for safety

| EPIHOME 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 | 2350 |
| SPN Double Door 06 Way IP43 DB | CSDBSPNPWXDD06 | 6 | 2750 |
| SPN Double Door 08 Way IP43 DB | CSDBSPNPWXDD08 | 8 | 2970 |
| SPN Double Door 10 Way IP43 DB | CSDBSPNPWXDD10 | 10 | 3580 |
| SPN Double Door 12 Way IP43 DB | CSDBSPNPWXDD12 | 12 | 3760 |
| SPN Double Door 16 Way IP43 DB | CSDBSPNPWXDD16 | 16 | 4790 |
| SPN Double Door 20 Way IP43 DB | CSDBSPNPWXDD20 | 20 | 6470 |
| SPN Double Door 24 Way IP43 DB | CSDBSPNPWXDD24 | 24 | 7330 |
| TPN Distribution Board | | | |
| TPNH Double Door 04 Way IP43 DB | CSDBTPNHPWXDD04 | 8+12 | 6330 |
| TPNH Double Door 06 Way IP43 DB | CSDBTPNHPWXDD06 | 8+18 | 7910 |
| TPNH Double Door 08 Way IP43 DB | CSDBTPNHPWXDD08 | 8+24 | 9830 |
| TPNH Double Door 12 Way IP43 DB | CSDBTPNHPWXDD12 | 8+36 | 13320 |
| TPNH Double Door 16 Way IP43 DB | CSDBTPNHPWXDD16 | 8+48 | 17360 |

Non Stockable item

| EPIc Distribution Board | | [HSN Code: 8537] | |
|--|------------------|------------------|---------|
| Description | Product Code | Total Modules | MRP (₹) |
| SPN Distribution Board | | | |
| 04 Way SPN Single Door | CSDBSPNPESD04 | 4 | 1120 |
| 06 Way SPN Single Door | CSDBSPNPESD06 | 6 | 1220 |
| 08 Way SPN Single Door | CSDBSPNPESD08 | 8 | 1430 |
| 12 Way SPN Single Door | CSDBSPNPESD12 | 12 | 1830 |
| 16 Way SPN Single Door | CSDBSPNPESD16 | 16 | 2340 |
| SPN Distribution Board | | | |
| 04 Way SPN Double Door | CSDBSPNPEDD04 | 4 | 1860 |
| 06 Way SPN Double Door | CSDBSPNPEDD06 | 6 | 2010 |
| 08 Way SPN Double Door | CSDBSPNPEDD08 | 8 | 2320 |
| 10 Way SPN Double Door | CSDBSPNPEDD10 | 10 | 2810 |
| 12 Way SPN Double Door | CSDBSPNPEDD12 | 12 | 3060 |
| 16 Way SPN Double Door | CSDBSPNPEDD16 | 16 | 3800 |
| TPN-Horizontal Distribution Board | | | |
| 04 Way TPNH Single Door | CSDBTPNHPESD04 | 20 | 3520 |
| 06 Way TPNH Single Door | CSDBTPNHPESD06 | 26 | 4410 |
| 08 Way TPNH Single Door | CSDBTPNHPESD08 | 32 | 5170 |
| 12 Way TPNH Single Door | CSDBTPNHPESD12 | 44 | 6970 |
| TPN-Horizontal Distribution Board | | | |
| 04 Way TPNH Double Door | CSDBTPNHPEDD04 | 20 | 5100 |
| 06 Way TPNH Double Door | CSDBTPNHPEDD06 | 26 | 6280 |
| 08 Way TPNH Double Door | CSDBTPNHPEDD08 | 32 | 7520 |
| 12 Way TPNH Double Door | CSDBTPNHPEDD12 | 44 | 10240 |
| TPN-Vertical Distribution Board | | | |
| 04 Way TPNH Double Door | CSDBTPNVPECGDD04 | 20 | 9280 |
| 06 Way TPNH Double Door | CSDBTPNVPECGDD06 | 26 | 10940 |
| 08 Way TPNH Double Door | CSDBTPNVPECGDD08 | 32 | 12720 |
| 12 Way TPNH Double Door | CSDBTPNVPECGDD12 | 44 | 16210 |



| EPIc-F Distribution Board | | [HSN Code: 8537] | |
|--|-----------------|-----------------------------------|---------|
| Description | Product Code | No. of Modules (Incomer+Outgoing) | MRP (₹) |
| SPN Distribution Board | | | |
| 04 Way SPN Single Door | CSDBSPNPESD04 | 4 | 1160 |
| 06 Way SPN Single Door | CSDBSPNPESD06 | 6 | 1270 |
| 08 Way SPN Single Door | CSDBSPNPESD08 | 8 | 1470 |
| 12 Way SPN Single Door | CSDBSPNPESD12 | 12 | 1930 |
| 16 Way SPN Single Door | CSDBSPNPESD16 | 16 | 2520 |
| SPN Distribution Board | | | |
| 04 Way SPN Double Door | CSDBSPNPGDD04 | 4 | 1890 |
| 06 Way SPN Double Door | CSDBSPNPGDD06 | 6 | 2120 |
| 08 Way SPN Double Door | CSDBSPNPGDD08 | 8 | 2370 |
| 10 Way SPN Double Door | CSDBSPNPGDD10 | 10 | 2870 |
| 12 Way SPN Double Door | CSDBSPNPGDD12 | 12 | 3120 |
| 16 Way SPN Double Door | CSDBSPNPGDD16 | 16 | 3890 |
| TPN-Horizontal Distribution Board | | | |
| 04 Way TPNH Single Door | CSDBTPNHPSD04 | 8+12 | 3750 |
| 06 Way TPNH Single Door | CSDBTPNHPSD06 | 8+18 | 4670 |
| 08 Way TPNH Single Door | CSDBTPNHPSD08 | 8+24 | 5440 |
| 12 Way TPNH Single Door | CSDBTPNHPSD12 | 8+36 | 7340 |
| TPN-Horizontal Distribution Board | | | |
| 04 Way TPNH Double Door | CSDBTPNHPCGDD04 | 8+12 | 5090 |
| 06 Way TPNH Double Door | CSDBTPNHPCGDD06 | 8+18 | 6340 |
| 08 Way TPNH Double Door | CSDBTPNHPCGDD08 | 8+24 | 7720 |
| 12 Way TPNH Double Door | CSDBTPNHPCGDD12 | 8+36 | 10800 |



CSDBTPNHPSD06 Non Stockable item

C&S WiNclass Distribution Board (Deep Drawn)



| SPN WiNclass Distribution Board | | | [HSN Code: 8537] |
|---------------------------------|--------------|-----------------------------------|------------------|
| Description | Product Code | No. of Modules (Incomer+Outgoing) | MRP (₹) |
| 2+04 Way Single Door | CSDBSPNSD04S | 2+04 | 1480 |
| 2+08 Way Single Door | CSDBSPNSD08S | 2+08 | 1850 |
| 2+12 Way Single Door | CSDBSPNSD12S | 2+12 | 2540 |
| 2+14 Way Single Door | CSDBSPNSD16S | 2+14 | 3160 |
| 2+04 Way Double Door | CSDBSPNDD04S | 2+04 | 2400 |
| 2+08 Way Double Door | CSDBSPNDD08S | 2+08 | 2990 |
| 2+12 Way Double Door | CSDBSPNDD12S | 2+12 | 3910 |
| 2+14 Way Double Door | CSDBSPNDD16S | 2+14 | 5120 |



| TPN WiNclass Distribution Board | | | |
|---------------------------------|----------------|------|-------|
| 04 Way Single Door DB | CSDBTPNHSD04S | 8+12 | 4820 |
| 06 Way Single Door DB | CSDBTPNHSD06S | 8+18 | 5780 |
| 08 Way Single Door DB | CSDBTPNHSD08S | 8+24 | 6340 |
| 12 Way Single Door DB | CSDBTPNHSD12S | 8+36 | 8380 |
| 16 Way Single Door DB | CSDBTPNHSD16S | 8+48 | 10490 |
| 04 Way Double Door DB | CSDBTPNHDD04SN | 4+12 | 6330 |
| 04 Way Double Door DB | CSDBTPNHDD04S | 8+12 | 6400 |
| 06 Way Double Door DB | CSDBTPNHDD06S | 8+18 | 8010 |
| 08 Way Double Door DB | CSDBTPNHDD08S | 8+24 | 10090 |
| 12 Way Double Door DB | CSDBTPNHDD12S | 8+36 | 14360 |
| 16 Way Double Door DB | CSDBTPNHDD16S | 8+48 | 18120 |



| 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 | 2150 |
| SPN WC 08 Way SD With Acrylic Door | CSDBSPNSDCA08 | 8 | 2400 |
| SPN WC 12 Way SD With Acrylic Door | CSDBSPNSDCA12 | 12 | 3100 |
| SPN WC 16 Way SD With Acrylic Door | CSDBSPNSDCA16 | 16 | 3950 |

 Non Stockable item

WiNtrip Distribution Board



| Phase Selector Distribution Board - TPN Phase Selector DD DB for incorporating MCB / Isolator / RCCB, equipped with 3 Nos 63A Phase Selector Switches & 3 No Piano Switches | | | [HSN Code: 8537] |
|---|--|---------|------------------|
| Description | Product Code | MRP (₹) | |
| 4 Way DD with 63A Rotary Switch | CSDBPHSCDD04RS63 | 18450 | |
| 6 Way DD with 63A Rotary Switch | CSDBPHSCDD06RS63 | 18880 | |
| 8 Way DD with 63A Rotary Switch | CSDBPHSCDD08RS63 | 20830 | |
| 12 Way DD with 63A Rotary Switch | <input checked="" type="checkbox"/> CSDBPHSCDD12RS63 | 23080 | |
| 4 Way DD with 40A Rotary Switch | CSDBPHSCDD04RS40 | 18340 | |
| 6 Way DD with 40A Rotary Switch | CSDBPHSCDD06RS40 | 18550 | |
| 8 Way DD with 40A Rotary Switch | <input checked="" type="checkbox"/> CSDBPHSCDD08RS40 | 20640 | |
| 12Way DD with 40A Rotary Switch | <input checked="" type="checkbox"/> CSDBPHSCDD12RS40 | 22690 | |
| 4 Way DD without Rotary Switch | <input checked="" type="checkbox"/> CSDBPHSCDD04 | 15770 | |
| 6 Way DD without Rotary Switch | <input checked="" type="checkbox"/> CSDBPHSCDD06 | 16170 | |
| 8 Way DD without Rotary Switch | CSDBPHSCDD08 | 17790 | |
| 12 Way DD without Rotary Switch | CSDBPHSCDD12 | 20330 | |



| VTPN Distribution Board (with provision for WiNtrip2 MCB) | | | |
|---|---------------|-----------------------------------|---------|
| Description | Product Code | No. of Modules (Incomer+Outgoing) | MRP (₹) |
| 4 way Double Door | CSDBTPNVDD04S | 8+12 | 16400 |
| 6 way Double Door | CSDBTPNVDD06S | 8+18 | 18800 |
| 8 way Double Door | CSDBTPNVDD08S | 8+24 | 20780 |
| 12 way Double Door | CSDBTPNVDD12S | 8+36 | 27830 |



| VTPN Distribution Board (with provision for MCCB WiNbreak1 as incomer & WiNtrip2 MCB as outgoing) | | | [HSN Code: 8537] |
|---|---|---------|------------------|
| Description | Product Code | MRP (₹) | |
| DB MCCB AS I/C 100A DD04 Way | CSDBMCCB125PDD04S | 15970 | |
| DB MCCB AS I/C 100A DD08 Way | CSDBMCCB125PDD08S | 17990 | |
| DB MCCB AS I/C 100A DD12 Way | CSDBMCCB125PDD12S | 24870 | |
| DB MCCB AS I/C 250A DD04 Way | <input checked="" type="checkbox"/> CSDBMCCB250PDD04S | 19170 | |
| DB MCCB AS I/C 250A DD08 Way | CSDBMCCB250PDD08S | 24960 | |
| DB MCCB AS I/C 250A DD12 Way | CSDBMCCB250PDD12S | 31180 | |



Distribution Board

WiNtrip Distribution Board



| Selection Table for MCCB as Incomer VTPN Distribution Boards | | | | |
|---|---|-------------------|--|---|
| WiNbreak 1 MCCB | Description | Product Code | Type/ Breaking Capacity Ics=100%Icu | MCCB Rating (A) |
| | CSE1M125ATM3P-*, CSE1M125ATM4P-*, CSE1NN125ATM3P-*, CSE1NN125ATM4P-*, CSE1NN125ETM3P-*, CSE1NN125ETM4P-*, CSE1S125ETM3P-*, CSE1S125ETM4P-* | | CSDBMCCB125PDD04S | 25kA, 36kA & 50kA |
| | | CSDBMCCB125PDD08S | | |
| | | CSDBMCCB125PDD12S | | |
| CSE2M250ATM3P-*, CSE2M250A M4P-*, CSE2NN250ATM3P-*, CSE2NN250ATM4P-*, CSE2NN250ETM3P-*, CSE2NN250ETM4P-*, CSE2S250ETM3P-*, CSE2S250ETM4P-*, CSE2SX250ETM3P-*, CSE2SX250ETM4P-*, CSE2SX250ATM3P-*, CSE2SX250ATM4P-* | | CSDBMCCB250PDD04S | 25kA, 36kA & 50kA | 160, 200, 250 & 63~160 80~100, 100~250 |
| | | CSDBMCCB250PDD08S | | |
| | | CSDBMCCB250PDD12S | | |
| | | CSDBMCCB250PDD12S | | |

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



| 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 | <input checked="" type="checkbox"/> CSDB7SEGDD04 | 8+12+12 | 14460 |
| | CSDB7SEGDD06 | 8+12+18 | 16280 |
| | <input checked="" type="checkbox"/> CSDB7SEGDD08 | 8+12+24 | 18200 |
| | <input checked="" type="checkbox"/> CSDB7SEGDD12 | 8+12+36 | 23110 |

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)



| *FLEXI (Tier) DBs (with Metal Door) [HSN Code: 8537] | | |
|--|--------------|---------|
| Description | Product Code | MRP (₹) |
| Flexi DD DB 2 Row 13 Modules | CSDBFLDD2R13 | 7940 |
| Flexi DD DB 3 Row 13 Modules | CSDBFLDD3R13 | 9360 |
| Flexi DD DB 4 Row 13 Modules | CSDBFLDD4R13 | 10340 |

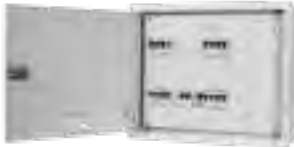
*Without Wire bunch



| PPI Distribution Board [HSN Code: 8537] | | | |
|---|--|-----------------------------------|---------|
| Description | Product Code | No. of Modules (Incomer+Outgoing) | MRP (₹) |
| 4 Way Double Door | <input checked="" type="checkbox"/> CSDBTPNPPIDD04 | 8+6+12 | 8210 |
| 6 Way Double Door | <input checked="" type="checkbox"/> CSDBTPNPPIDD06 | 8+6+18 | 10250 |
| 8 Way Double Door | CSDBTPNPPIDD08 | 8+6+24 | 12440 |
| 12 Way Double Door | CSDBTPNPPIDD12 | 8+6+36 | 14390 |

WiNtrip Distribution Board

| WiNtrip Telephone & Television Socket Distribution Board | | [HSN Code: 8537] |
|--|-----------------|------------------|
| Description | Product Code | MRP (₹) |
| SPN 04 Way Tel & TV Socket DB (2+4) | CSDBSPNDDTELV04 | 4950 |
| SPN 06 Way Tel & TV Socket DB (2+6) | CSDBSPNDDTELV06 | 5250 |
| SPN 08 Way Tel & TV Socket DB (2+8) | CSDBSPNDDTELV08 | 5570 |
| SPN 10 Way Tel & TV Socket DB (2+10) | CSDBSPNDDTELV10 | 5940 |
| SPN 12 Way Tel & TV Socket DB (2+12) | CSDBSPNDDTELV12 | 6610 |
| SPN 14 Way Tel & TV Socket DB (2+14) | CSDBSPNDDTELV14 | 6820 |
| TPN 04 Way Tel & TV Socket DB (8+12) | CSDBTPNDDTELV04 | 8220 |
| TPN 06 Way Tel & TV Socket DB (8+18) | CSDBTPNDDTELV06 | 9440 |
| TPN 08 Way Tel & TV Socket DB (8+24) | CSDBTPNDDTELV08 | 10880 |
| TPN 12 Way Tel & TV Socket DB (8+36) | CSDBTPNDDTELV12 | 14160 |



Cable End Box

| WiNclass Cable End Box | | |
|---------------------------|-----------------|---------|
| Description | Product Code | MRP (₹) |
| SPN Cable End Box | | |
| SPN 4 Way | CSDBCSPNDD04S | 1100 |
| SPN 8 Way | CSDBCSPNDD08S | 1360 |
| SPN 12 Way | CSDBCSPNDD12S | 1600 |
| SPN 16 Way | CSDBCSPNDD16S | 1920 |
| TPNH Cable End Box | | |
| TPNH 4 Way | CSDBCTPNHDD04SN | 1430 |
| TPNH 6 Way | CSDBCTPNHDD06S | 1700 |
| TPNH 8 Way | CSDBCTPNHDD08S | 1980 |
| TPNH 12 Way | CSDBCTPNHDD12S | 2490 |
| TPNH 16 Way | CSDBCTPNHDD16S | 2970 |



| New C&S / Epic Cable End Box | | [HSN Code: 8537] |
|------------------------------|----------------|------------------|
| Description | Product Code | MRP (₹) |
| SPN Cable End Box | | |
| SPN 4 Way | CSDBCSPNPDD04 | 910 |
| TPNH 6 Way | CSDBCSPNPDD06 | 1020 |
| SPN 8 Way | CSDBCSPNPDD08 | 1150 |
| SPN 12 Way | CSDBCSPNPDD12 | 1420 |
| SPN 16 Way | CSDBCSPNPDD16 | 1740 |
| TPNH Cable End Box | | |
| TPNH 4 Way | CSDBCTPNHPDD04 | 1480 |
| TPNH 6 Way | CSDBCTPNHPDD06 | 1710 |
| TPNH 8 Way | CSDBCTPNHPDD08 | 1940 |
| TPNH 12 Way | CSDBCTPNHPDD12 | 2480 |



| EPIc TPNV Cable End Box | | |
|---|---------------|---------|
| Description | Product Code | MRP (₹) |
| CABLE END BOX FOR CSDBTPNVPEDD 04~12 WAY DB | CSDBCTPNVPEDD | 2100 |


| PPI Kit | | |
|--|--------------|---------|
| Description | Product Code | MRP (₹) |
| PPI KIT TO CONVERT TPNHP/TPNHPE DD 04 TO DD 02 WAY | CSDBPPPIKT01 | 2940 |
| PPI KIT TO CONVERT TPNHP/TPNHPE DD 06 TO DD 04 WAY | CSDBPPPIKT02 | 3310 |
| PPI KIT TO CONVERT TPNHP/TPNHPE DD 08 TO DD 06 WAY | CSDBPPPIKT03 | 3720 |
| PPI KIT TO CONVERT TPNHP/TPNHPE DD 12 TO DD 10 WAY | CSDBPPPIKT04 | 4470 |

 Non Stockable item



Plug & Socket, DB



| WiNtrip Plug and Socket DBs (without MCB) [HSN Code: 8537] | | | |
|---|--|---------|------------------|
| Powder Coated Sheet Metal Deep Drawn DBs with Plug & Socket including insulated Neutral link, adjustable Din Rail and connecting links. | | | |
| Description | Product Code | MRP (₹) | Std. Pkg. (No.s) |
| 10Amp SPN |  CSDBPSSPN010 | 1670 | 12 |
| 20Amp SPN | CSDBPSSPN020 | 1670 | 12 |
| 20Amp SPN (SP Cutout) | CSDBPSSPN020SP | 1670 | 12 |
| 20Amp TPN | CSDBPSTPN020 | 4030 | 6 |
| 30Amp TPN | CSDBPSTPN030 | 4430 | 6 |



| WiNtrip Plug and Sockets (Metal Clad) [HSN Code: 8537] | | | |
|--|--------------|---------|------------------|
| Description | Product Code | MRP (₹) | Std. Pkg. (No.s) |
| 10Amp SPN Plug | CSDBPSPN010 | 340 | 36 |
| 10Amp SPN Socket | CSDBSSPN010 | 330 | 36 |
| 20Amp SPN Plug | CSDBPSPN020 | 360 | 36 |
| 20Amp SPN Socket | CSDBSSPN020 | 430 | 36 |
| 20Amp TPN Plug | CSDBPTPN020 | 440 | 36 |
| 20Amp TPN Socket | CSDBSTPN020 | 440 | 36 |
| 30Amp TPN Plug | CSDBPTPN030 | 690 | 36 |
| 30Amp TPN Socket | CSDBSTPN030 | 690 | 36 |



| WiNtrip Metal Enclosures (with Din Rail) [HSN Code: 8537] | | | |
|---|--------------|---------|------------------|
| For Mounting WiNtrip MCBs / RCCBs / Isolators | | | |
| Description | Product Code | MRP (₹) | Std. Pkg. (No.s) |
| SP Enclosure | CSDBMCBESP | 580 | 24 |
| DP Enclosure | CSDBMCBEDP | 580 | 24 |
| TP Enclosure | CSDBMCBETP | 680 | 12 |
| FP Enclosure | CSDBMCBEFP | 680 | 12 |



| WiNtrip Plastic Enclosure without MCB [HSN Code: 8537] | | |
|--|--------------|---------|
| Description | Product Code | MRP (₹) |
| Plastic MCB Enclosure SP&DP/STD | CSDBMCBEPPD | 230 |
| Plastic MCB Enclosure TP&FP/STD | CSDBMCBEFPF | 310 |

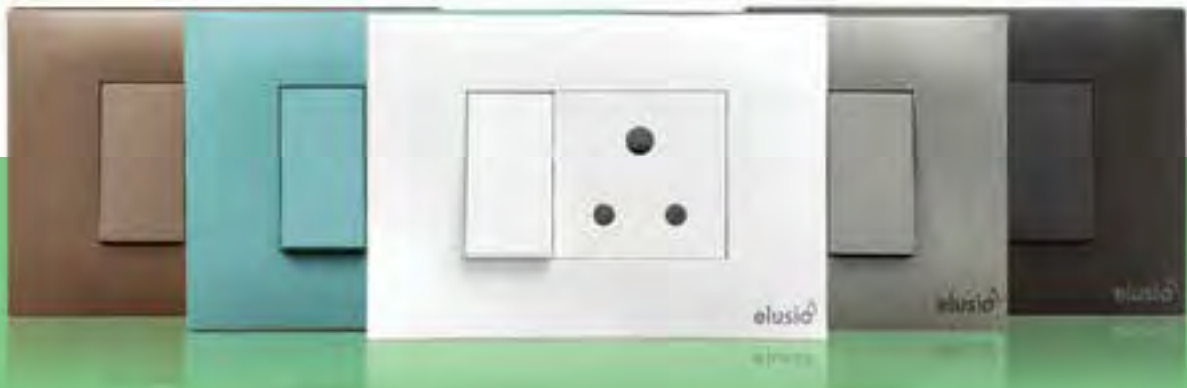
| MCB Enclosure IP55 [HSN Code: 8537] | | | |
|---|--------------|---------|------------------|
| 4 Pole Enclosure | | | |
| Description | Product Code | MRP (₹) | Std. Pkg. (No.s) |
| MCB Enclosure IP55 04 Way | CSDBEP04 | 2300 | 1 |

 Non Stockable item

elusio
SWITCHES



Born Green



*T&C Apply

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



FRONT MOUNT
& REMOVAL OPTION



SLEEK
DESIGN



UNBREAKABLE
DESIGNS



SMOOTH
TO TOUCH

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



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

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

| Blanking / Phase Indicator | | | | | | | | |
|----------------------------|----------|---------------------|--------|--------|---------|--------|--------------|------------------|
| Product Code | HSN Code | Description | Rating | Module | MRP (₹) | | | Std. Pkg. (Nos.) |
| | | | | | White | Colour | Jungle Green | |
| CE20056NR | 85361010 | Blanking Plate | | 1M | 44 | 54 | 62 | 40 |
| CE20631NR | 85361010 | Phase Indicator Red | | 1M | 429 | 450 | 518 | 20 |

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

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

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





CE20364NR



CE20610NR CE20609NR CE20636NR



CE20825NR



CE20436NR CE20440NR



CE25803WHNR

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

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

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

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

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



YOUR SAFETY MATTERS US

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



Primo Plus SWITCHES

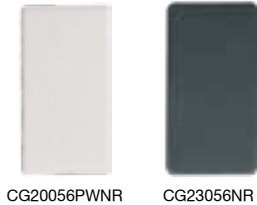
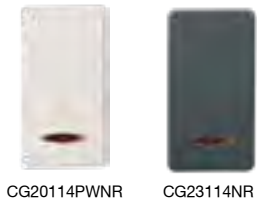
- Available with Anti Bacterial features* Sleek design, compatible with PRIMO range of switches
- Highly aesthetic break free design
- Compatible to market boxes
- High gloss design
- Designed with front mounting and removable feature
- Ease of mounting
- Available in 1M -18M

DIVINO
SWITCHES

Primo Plus
SWITCHES

COMBI
WEATHER-PROOF ENCLOSURES.

primo
SWITCHES



| Switches | | | | | | |
|----------------------------------|----------|-------------|----------|----------------|---------|------------------|
| Product Code - Pure White / Grey | HSN Code | Description | Type | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| One-Way Switches | | | | | | |
| CG20113PWNR / CG23113NR | 85361010 | 1P-6A | General | 1 | 107 | 20 |
| CG20114PWNR / CG23114NR | 85361010 | 1P-6A | Luminous | 1 | 151 | |
| CG20573PWNR / CG23573NR | 85361020 | 1P-16A | General | 1 | 174 | |
| CG20574PWNR / CG23574NR | 85361020 | 1P-16A | Luminous | 1 | 200 | |
| CG20117PWNR / CG23117NR | 85361020 | 1P-25A | General | 1 | 225 | |
| CG20118PWNR / CG23118NR | 85361020 | 1P-25A | Luminous | 1 | 276 | 10 |
| CG20120PWNR / CG23120NR | 85361020 | 2P-32A | Luminous | 2 | 407 | |
| Two-Way Switches | | | | | | |
| CG20123PWNR / CG23123NR | 85361010 | 1P-6A | General | 1 | 147 | 20 |
| CG20578PWNR / CG23578NR | 85361020 | 1P-16A | General | 1 | 217 | |

| 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 | 191 | 20 |
| CG20509PWNR / CG23509NR | 85361010 | 1P-6A | With Symbol | 1 | 151 | |

| 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 | 61 | 20 |

| Product Code - Pure White / Grey | HSN Code | Description | Type | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
|----------------------------------|----------|-------------|------|----------------|---------|------------------|
| Neon Indicators | | | | | | |
| CG20634PWNR / CG23634NR | 85361010 | Red Color | - | 1 | 100 | 20 |

| Fan Regulator / Dimmer | | | | | | |
|----------------------------------|----------|---------------|--------|----------------|---------|------------------|
| Product Code - Pure White / Grey | HSN Code | Description | Type | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| Fan Regulator | | | | | | |
| CG20826PWNR / CG23826NR | 85361010 | 5 Step (100W) | Rotary | 2 | 464 | 10 |
| CG20827PWNR / CG23827NR | 85361010 | 4 Step (100W) | Rotary | 1 | 369 | 20 |

| Product Code - Pure White / Grey | HSN Code | Description | Type | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
|----------------------------------|----------|-------------|-------------------|----------------|---------|------------------|
| Dimmer | | | | | | |
| CG20801PWNR / CG23801NR | 85361010 | 500W | Rotary (Stepless) | 2 | 461 | 10 |
| CG20804PWNR / CG23804NR | 85361010 | 300W | Rotary (Stepless) | 1 | 407 | 20 |



Modular Switches | DIVINO



CG20370PWNR CG23370NR



CG20353PWNR CG23353NR



CG20251PWNR CG23251NR



CG20636PWNR



CG20275PWNR



CG20815PWNR



CG20609PWNR CG23609NR



CG20610PWNR CG23610NR



CG20611PWNR CG23611NR

| Socket | | | | | | | |
|---|----------|-------------------------------------|--------------|----------------|----------------|------------------|------------------|
| Product Code - Pure White / Grey | HSN Code | Description | For Plug Pin | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) | |
| Sockets With Safety Shutters | | | | | | | |
| CG20370PWNR / CG23370NR | 85361010 | 6A Socket 3 Pin (Flushed) | Round | 2 | 144 | 10 | |
| *CG20353PWNR / CG23353NR | 85361010 | 6A Socket 5 Pin (Flushed) | Round | 2 | 166 | 10 | |
| CG20354PWNR / CG23354NR | 85361020 | 6/16A Twin Socket 3 Pin (Flushed) | Round | 3 | 277 | 6 | |
| CG20352PWNR / CG23352NR | 85361020 | 6/16A Twin Socket 3 Pin (Projected) | Round | 2 | 263 | 10 | |
| *CG20355PWNR / CG23355NR | 85361020 | 25A-Socket (Flushed) | Round | 3 | 289 | 6 | |
| *CG20356PWNR / CG23356NR | 85361020 | 25A-Socket (Projected) | Round | 2 | 263 | 10 | |
| *CG20359PWNR / CG23359NR | 85361010 | 6A- 2 Pin Socket | Round | 1 | 106 | 20 | |
| 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 | 121 | 20 |
| CG20271PWNR / CG23271NR | 85361010 | RJ45 CAT5e | 4 | UTP | | 468 | |
| CG20228PWNR / CG23228NR | 85361010 | TV Socket | - | - | | 114 | |
| CG20272PWNR / CG23272NR | 85361010 | RJ45 CAT6 | 4 | UTP | | 553 | |
| CG20273PWNR / CG23273NR | 85361010 | RJ45 CAT6a | | UTP | 1216 | | |

| Buzzer | | | | | | |
|-------------------------|----------|--------|--|---|-----|----|
| CG20636PWNR / CG23636NR | 85361010 | Buzzer | | 1 | 560 | 20 |

| USB Charger Socket | | | | | |
|-------------------------------------|----------|---|----------------|---------|------------------|
| Product Code - Pure White / Grey | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| CG20275PWNR / CG23275NR | 85044030 | USB Charger Socket 2.1A (Fast Charging) | 1 | 945 | 20 |

| Hospitality Range | | | | | |
|--|----------|---|----------------|---------|------------------|
| Product Code - Pure White / Grey | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| Energy Key Tag | | | | | |
| CG20815PWNR / CG23815NR | 85361020 | 1P-25A, 230V-Energy Key Switch With Tag | 2 | 608 | 1 |
| CG20434PWNR / CG23434NR | 85361010 | Tag For Energy Key Tag | - | 125 | - |
| 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 | 110 | 20 |
| CG20124PWNR / CG23124NR | 85361010 | 6A-230V, IW, SP Luminous Switch | | 156 | |
| CG20612PWNR / CG23612NR | 85361010 | Unit (Indicator+Switch) | 1+1 | 261 | 10 |
| Room Occupied | | | | | |
| CG20610PWNR / CG23610NR | 85361010 | Indicator | 1 | 110 | 20 |
| CG20125PWNR / CG23125NR | 85361010 | 6A-230V, IW, SP Luminous Switch | | 156 | |
| CG20613PWNR / CG23613NR | 85361010 | Unit (Indicator+Switch) | 1+1 | 261 | 10 |
| Make My Room | | | | | |
| CG20611PWNR / CG23611NR | 85361010 | Indicator | 1 | 110 | 20 |
| CG20126PWNR / CG23126NR | 85361010 | 6A-230V, IW, SP Luminous Switch | | 156 | |
| CG20614PWNR / CG23614NR | 85361010 | Unit (Indicator+Switch) | 1+1 | 261 | 10 |

* Material available till stock last.



Modular Switches | DIVINO



CG20825PWNR



CG20632NR



CG20436PWNR



CG20443PWNR



CG26401PWNR



CG20362PWNR



CG25703PWNR



CG25803PWNR

| Product Code - Pure White / Grey | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
|---|----------|----------------------------|----------------|---------|------------------|
| Time Delay Electronic Switch (Card Operated) | | | | | |
| CG20825PWNR / CG23825NR | 85361020 | 25A | 3 | 1356 | 6 |
| Foot Lamp | | | | | |
| CG20631NR | 94051090 | 230V-LED Yellow Night Lamp | 3 | 379 | 6 |
| CG20632NR | 94051090 | 230V-LED Blue Night Lamp | | | |
| CG20633NR | 94051090 | 230V-LED White Night Lamp | | | |

| Modular Miniature Case Circuit Breaker - WiNtrip 'S' | | | | | |
|---|----------|--|----------------|---------|------------------|
| Product Code - Pure White | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| Single Pole | | | | | |
| CG20431PWNR | 85361010 | 6A Single Pole 4.5kA - Tripping Curve 'C' | 1 | 221 | 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 | 528 | 6 |
| CG20439PWNR | 85361010 | 10A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20440PWNR | 85361020 | 16A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20441PWNR | 85361020 | 20A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20442PWNR | 85361020 | 25A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CG20443PWNR | 85361020 | 32A Double Pole 4.5kA - Tripping Curve 'C' | | | |

| Power Unit | | | | | |
|----------------------------|----------|------------------|---------|------------------|--|
| Product Code - Pure White | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) | |
| CG26401PWNR | 85371000 | 16Amp Power Unit | 968 | 1 | |
| *CG26402PWNR | 85371000 | 20Amp Power Unit | 1126 | | |
| *CG26403PWNR | 85371000 | 25Amp Power Unit | 1126 | | |
| Power Unit with PVC | | | | | |
| CG26404PWNR | 85371000 | 16Amp Power Unit | 843 | 1 | |
| *CG26405PWNR | 85371000 | 20Amp Power Unit | 1121 | | |
| *CG26406PWNR | 85371000 | 25Amp Power Unit | 1121 | | |

| Single Phase Motor Starter | | | | | |
|-------------------------------------|----------|-------------------|----------------|---------|------------------|
| Product Code - Pure White / Grey | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| CG20362PWNR /CG23362NR | 85361020 | Motor Starter 16A | 2 | 452 | 1 |
| CG20364PWNR /CG23364NR | 85361020 | Motor Starter 25A | 2 | 575 | |

| Pure White Cover Plates With Support Plate | | | | | |
|---|----------|-----------------------------|---------|------------------|--|
| Product Code - Vera / Virna | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) | |
| CG25701PWNR / CG25801PWNR | 85381010 | 1 Module Plate | 124 | 10 | |
| CG25702PWNR / CG25802PWNR | 85381010 | 2 Module Plate | | | |
| CG25703PWNR / CG25803PWNR | 85381010 | 3 Module Plate | | | |
| CG25704PWNR / CG25804PWNR | 85381010 | 4 Module Plate | | | |
| CG25706PWNR / CG25806PWNR | 85381010 | 6 Module Plate | 264 | 5 | |
| CG25708PWNR / CG25808PWNR | 85381010 | 8 Module Plate - Vertical | | | |
| CG25709PWNR / CG25809PWNR | 85381010 | 8 Module Plate - Horizontal | | | |
| CG25712PWNR / CG25812PWNR | 85381010 | 12 Module Plate | | | |
| CG25718PWNR / CG25818PWNR | 85381010 | 18 Module Plate | | | |

* Material available till stock last.



CG25803GRNR



CG25803BGNR



CG25803CORNR



CG25703BWNR



CG25803EWNR

| Glossy Grey Cover Plates With Support Plate | | | | |
|---|----------|-----------------------------|---------|---------------------|
| Product Code Vera / Virna | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
| CG25701GRNR / CG25801GRNR | 85381010 | 1 Module Plate | 178 | 10 |
| CG25702GRNR / CG25802GRNR | 85381010 | 2 Module Plate | | |
| CG25703GRNR / CG25803GRNR | 85381010 | 3 Module Plate | | |
| CG25704GRNR / CG25804GRNR | 85381010 | 4 Module Plate | | |
| CG25706GRNR / CG25806GRNR | 85381010 | 6 Module Plate | 383 | 5 |
| CG25708GRNR / CG25808GRNR | 85381010 | 8 Module Plate - Vertical | | |
| CG25709GRNR / CG25809GRNR | 85381010 | 8 Module Plate - Horizontal | | |
| CG25712GRNR / CG25812GRNR | 85381010 | 12 Module Top Plate | | |
| CG25718GRNR / CG25818GRNR | 85381010 | 18 Module Plate | 800 | |

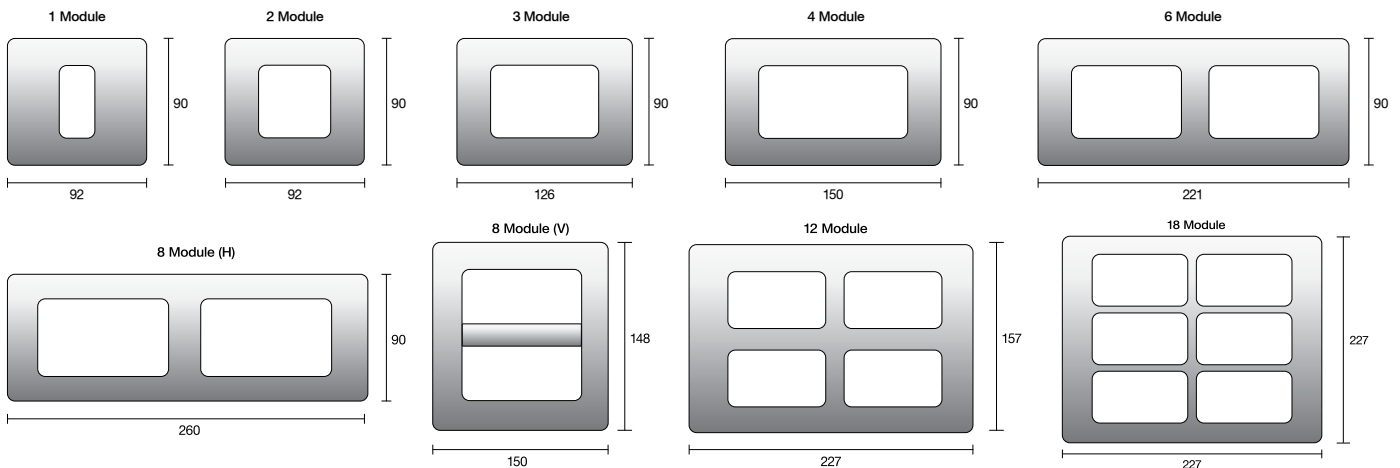
| Cover Plates With Support Plate | | | | |
|--|----------|-----------------------|---------|---------------------|
| Product Code Vera / Virna | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
| Cadet Grey / Black Olive / Argent Grey / Charcol Black / Arsenic Black / Champagne / Candy Red / Coral Red / British Green Plates | | | | |
| CG25701NR / CG25801NR | 85381010 | 1 Module Plate | 267 | 10 |
| CG25702NR / CG25802NR | 85381010 | 2 Module Plate | | |
| CG25703NR / CG25803NR | 85381010 | 3 Module Plate | 318 | |
| CG25704NR / CG25804NR | 85381010 | 4 Module Plate | 398 | |
| CG25706NR / CG25806NR | 85381010 | 6 Module Plate | 549 | 5 |
| CG25708NR / CG25808NR | 85381010 | 8 Module - Vertical | 592 | |
| CG25709NR / CG25809NR | 85381010 | 8 Module - Horizontal | | |
| CG25712NR / CG25812NR | 85381010 | 12 Module Plate | 755 | |
| CG25718NR / CG25818NR | 85381010 | 18 Module Plate | 986 | |

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

| English Walnut & Burly Wood Cover Plates With Support Plate | | | | |
|---|----------|-----------------------------|---------|---------------------|
| Product Code Vera / Virna | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
| CG25701NR / CG25801NR | 85381010 | 1 Module Plate | 334 | 10 |
| CG25702NR / CG25802NR | 85381010 | 2 Module Plate | | |
| CG25703NR / CG25803NR | 85381010 | 3 Module Plate | | |
| CG25704NR / CG25804NR | 85381010 | 4 Module Plate | | |
| CG25706NR / CG25806NR | 85381010 | 6 Module Plate | 721 | 5 |
| CG25708NR / CG25808NR | 85381010 | 8 Module Plate - Vertical | 743 | |
| CG25709NR / CG25809NR | 85381010 | 8 Module Plate - Horizontal | | |
| CG25712NR / CG25812NR | 85381010 | 12 Module Top Plate | 970 | |
| CG25718NR / CG25818NR | 85381010 | 18 Module Plate | 1104 | |

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)





Weather Proof Enclosures COMBI



CG26000WNR CG26400WNR



CG24025WNR



CG26012WNR

| 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 | 706 | 1 | | |
| CG26400WNR | 85371000 | 16A Switch, 6/16A Socket | 3 Module | 1202 | | | |
| CG26016WNR | 85371000 | 6A Switch | 1 Module | 652 | | | |
| IP55 Motor Starter | | | | | | | |
| CG26018WNR | 85381010 | IP55 2M Enclosure With 16A Motor Starter | | 1176 | 1 | | |
| CG26019WNR | 85381010 | IP55 2M Enclosure With 25A Motor Starter | | 1382 | | | |
| Watertight Plates For Flush Mounting Installations IP55 (Compatible with 3M concealed box) | | | | | | | |
| CG24025WNR | 85381010 | 3 Gang | | 748 | 10 | | |
| Product Code | HSN Code | Description | Configuration | External Dim. LxHxD (mm) | MRP (₹) | Std. Pkg. (Nos.) | |
| Watertight Enclosures For Fixed Or Movable Applications | | | | | | | |
| CG26010WNR | 85381010 | 1 Gang | Module 1 | 80x64x59 | 505 | 10 | |
| CG26011WNR | 85381010 | 2 Gang | Module 2 | 80x64x59 | 524 | | |
| CG26012WNR | 85381010 | 3 Gang | Module 3 | 80x96x59 | 633 | | |
| CG26013WNR | 85381010 | 4 Gang | Module 4x1 | 80x128x59 | 829 | 5 | |
| CG26014WNR | 85381010 | 8 Gang | Module 4x2 | 160x128x59 | 1415 | | |
| CG26015WNR | 85381010 | 12 Gang | Module 4x3 | 240x128x59 | 1865 | 3 | |





CG28015NR



CG28017NR



CG28023NR



CG28020NR



ACBHS001NR ACBHA004NR



ACBHA005NR



ACBHS006NR



ACBHS008NR



ACCR001NR



| Top Plug | | | | |
|--------------|----------|---------------|---------|------------------|
| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
| CG28014NR | 85361010 | 6A Plug Top | 72 | 10 |
| CG28015NR | 85361020 | 16A Plug Top | 107 | |
| *CG28018NR | 85361020 | 25 A Plug Top | 138 | |

| Top Plug with Indicator | | | | |
|-------------------------|-----------|--------------|---------|------------------|
| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
| CG28017NR | 85361020 | 16A Plug Top | 114 | 10 |
| *CG28019NR | 853 61010 | 25A Plug Top | 168 | |

| Two Pin Socket | | | | |
|----------------|-----------|---|---------|------------------|
| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
| *CG28021NR | 853 61010 | 6A 2 Pin Plug Top - Male | 26 | 30 |
| *CG28023NR | 853 61010 | 6A 2 Pin Plug Top Combined Unit (Male & Female) | 54 | |

| Multi Plug Socket | | | | |
|-------------------|----------|----------------------|---------|------------------|
| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
| CG28020NR | 85361010 | 6A Multi Plug Socket | 97 | 10 |

| Batten Holder | | | | |
|---------------|----------|------------------------------------|---------|------------------|
| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
| ACBHS001NR | 85381010 | Straight Batten Holder (Plain) | 57 | 20 |
| ACBHA003NR | 85381010 | Angular Batten Holder (Plain) | | |
| ACBHS002NR | 85381010 | Straight Batten Holder (Fancy) | 68 | |
| ACBHA004NR | 85381010 | Angular Batten Holder (Fancy) | | |
| ACBHA005NR | 85381010 | Batten Holder common (2 in 1) | 79 | |
| ACBHS006NR | 85381010 | Square Batten Holder (Plain) | 90 | |
| ACBHA007NR | 85381010 | Square angle Batten Holder (Plain) | | |
| ACBHS008NR | 85381010 | Slim Batten Holder (Fancy) | 99 | |
| ACBHA009NR | 85381010 | Slim angle Batten Holder (Fancy) | | |

| Ceiling Rose | | | | |
|--------------|----------|--------------|---------|------------------|
| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
| ACCR001NR | 85381010 | Ceiling rose | 47 | 20 |

| Surface Plastic Box | | | | |
|---------------------|----------|-----------------------|---------|------------------|
| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
| ACSMB001NR | 85381010 | 1 Module | 68 | 10 |
| ACSMB001NR | 85381010 | 2 Module | 68 | |
| ACSMB003NR | 85381010 | 3 Module | 88 | |
| ACSMB004NR | 85381010 | 4 Module | 95 | |
| ACSMB006NR | 85381010 | 6 Module | 128 | |
| ACSMB008NR | 85381010 | 8 Module (Horizontal) | 176 | |
| ACSMB009NR | 85381010 | 8 Module (Vertical) | 176 | |
| ACSMB012NR | 85381010 | 12 Module | 223 | |
| ACSMB018NR | 85381010 | 18 Module | 250 | 5 |

* Material available till stock last.

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



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

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



CS20114PNR



CS20123PNR



CS20511PNR



CS20056PNR

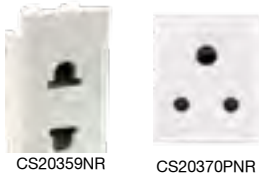


CS20631NR



CS20801PNR

| Switches | | | | | | | |
|-------------------------------------|----------|----------------------------|-------------|-------------|---------------------|---------------------|--|
| Product Code - Pure White / Grey | HSN Code | Description | Type | No. Modules | MRP (₹) | Std. Pkg. (Nos.) | |
| One-Way Switches | | | | | | | |
| CS20113PNR / CS23113PNR | 85361010 | 6A, 250V | General | 1 | 94 | 20 | |
| CS20114PNR / CS23114PNR | 85361010 | 6A, 250V | Luminous | 1 | 122 | | |
| CS20115PNR / CS23115PNR | 85361010 | 6A, 250V | Luminous | 2 | 135 | 10 | |
| CS20573PNR / CS23573PNR | 85361020 | 16A, 250V | General | 1 | 141 | 20 | |
| CS20574PNR / CS23574PNR | 85361020 | 16A, 250V | Luminous | 1 | 177 | | |
| CS20575PNR / CS23575PNR | 85361020 | 16A, 250V | Luminous | 2 | 185 | 10 | |
| CS20117PNR / CS23117PNR | 85361020 | 25A, 250V | General | 1 | 186 | 20 | |
| CS20118PNR / CS23118PNR | 85361020 | 25A, 250V | Luminous | 1 | 220 | | |
| CS20119PNR / CS23119PNR | 85361020 | 25A, 250V | General | 2 | 222 | 10 | |
| CS20120PNR / CS23120PNR | 85361020 | 25A, 250V | Luminous | 2 | 246 | | |
| Two-Way Switches | | | | | | | |
| CS20123PNR / CS23123PNR | 85361010 | 6A, 250V | General | 1 | 134 | 20 | |
| CS20124PNR / CS23124PNR | 85361010 | 6A, 250V | General | 2 | 138 | 10 | |
| CS20578PNR / CS23578PNR | 85361020 | 16A, 250V | General | 1 | 210 | 20 | |
| CS20579PNR / CS23579PNR | 85361020 | 16A, 250V | General | 2 | 232 | 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 | 130 | 20 | |
| CS20508PNR / CS23508PNR | 85361010 | 6A, Bell Push | Luminous | 1 | 150 | | |
| CS20510PNR / CS23510PNR | 85361010 | 6A, Bell Push | General | 2 | 144 | 10 | |
| CS20511PNR / CS23511PNR | 85361010 | 6A, Bell Push | Luminous | 2 | 151 | | |
| Blanking Module | | | | | | | |
| CS20056PNR / CS23056PNR | 85381010 | 1M Blank | General | 1 | 34 | 50 | |
| Product Code - Pure White / Grey | HSN Code | Description | No. Modules | MRP (₹) | Std. Pkg. (Nos.) | | |
| Neon Indicator | | | | | | | |
| CS20631PNR / CS23631PNR | 85361010 | Neon Indicator Red | 1 | 79 | 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 | 417 | 10 | | |
| CS20828PNR / CS23828PNR | 85361010 | 5 Step Fan Regulator 120 W | 2 | 480 | 10 | | |
| CS20827PNR / CS23827PNR | 85361010 | 4-Step Fan Regulator 100W | 1 | 335 | 20 | | |
| CS20801PNR / CS23801PNR | 85361010 | Rotary Type Dimmer 500W | 2 | 446 | 10 | | |
| CS20804PNR / CS23804PNR | 85361010 | Rotary Type Dimmer 300W | 1 | 327 | 20 | | |



CS20359PNR CS20370PNR

| Product Code - Pure White / Grey | HSN Code | Description | No. Modules | MRP (₹) | Std. Pkg. (Nos.) |
|-------------------------------------|-----------|-----------------------------------|-------------|---------|------------------|
| Sockets with Safety Shutters | | | | | |
| *CS20359PNR / CS23359PNR | 85361010 | 6A, 2 Pin Socket | 1 | 100 | 20 |
| CS20370PNR / CS23370PNR | 85361010 | 6A, 3 Pin | 2 | 122 | 10 |
| *CS20353PNR / CS23353PNR | 85361010 | 6A, 5 Pin | 2 | 141 | |
| CS20352PNR / CS23352PNR | 85361020 | 6/16A, 6 Pin | 3 | 226 | |
| CS20354PNR / CS23354PNR | 85361020 | 6/16A, Socket Projected | 2 | 212 | |
| *CS20355PNR / CS23355PNR | 853 61020 | 6/25 A, 6 Pin | 3 | 261 | |
| *CS20356PNR / CS23356PNR | 853 61020 | 6/16/25 A, 6 Pin Socket Projected | 2 | 212 | |
| *CS20358PNR / CS23358PNR | 853 61020 | 13A Universal Socket | 2 | 232 | |



CS20636PNR

| Buzzer | | | | | |
|-------------------------|----------|-------------|----------------|---------|------------------|
| Product Code | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| CS20636PNR / CS23636PNR | 85044030 | Buzzer | 1 | 550 | 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 | 110 | 20 |
| CS20237PNR / CS23237PNR | 85361010 | Flex Outlet | 1 | 77 | |



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 | 110 | 20 |
| CS20271PNR / CS23271PNR | 85361010 | RJ 45, Computer Jack CAT5e | 1 | 349 | |
| CS20272PNR / CS23272PNR | 85361010 | RJ 45, Computer Jack CAT6 | 1 | 541 | |
| CS20273PNR / CS23273PNR | 85361010 | RJ 45, Computer Jack CAT6a | 1 | 1035 | |



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 | 935 | 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 | 497 | 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 CS20610PNR

| DND/MMR Switch Units | | | | | |
|-----------------------------|----------|-----------------------|----------------|---------|------------------|
| Product Code | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| CS20610PNR / CS23610PNR | 85361010 | DND/MMR External Unit | 1 | 235 | 20 |
| CS20611PNR / CS23611PNR | 85361010 | DND/MMR Internal Unit | 1+1 | 228 | 10 |
| CS20609PNR / CS23609PNR | 85361010 | Indicator | 1 | 100 | 20 |



CS20632PNR CS20633PNR

| Skirt Light & Night Lamp | | | | | |
|-------------------------------------|----------|-------------|----------------|---------|------------------|
| Product Code | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| CS20632PNR / CS23632PNR | 94051090 | Skirt Light | 2 | 372 | 10 |
| CS20633PNR / CS23633PNR | 94051090 | Night Lamp | 2 | 390 | 10 |



| 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 | 796 | 1 |
| *CS26405PWNR | 85371000 | Power Unit Combo 20A MCB Protected Socket | 4 | 991 | |
| *CS26406PWNR | 85371000 | Power Unit Combo 25A MCB Protected Socket | 4 | 991 | |
| CS26408PWNR | 85371000 | Power Unit Combo Heavy Duty with 25Amp MCB | 4 | 1121 | |
| Primo Plus Power Unit with Metal Enclosure | | | | | |
| CS26401PNR | 85371000 | Power Unit Combo 16A MCB | 4 | 968 | 1 |
| CS26407PWNR | 85371000 | Power Unit Combo Heavy Duty with 25Amp MCB | 4 | 1126 | |



CS26404PWNR



CS25803WHNR



CS25803GRNR

| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
|---|----------|-----------------------------|---------|------------------|
| Swan White (Cover Plates with Support Plate) | | | | |
| CS25801WHNR | 85381010 | 1 Module Plate | 96 | 10 |
| CS25802WHNR | 85381010 | 2 Module Plate | | |
| CS25803WHNR | 85381010 | 3 Module Plate | 134 | |
| CS25804WHNR | 85381010 | 4 Module Plate | 140 | |
| CS25806WHNR | 85381010 | 6 Module Plate | 204 | |
| CS25808WHNR | 85381010 | 8 Module Plate (Horizontal) | 256 | |
| CS25809WHNR | 85381010 | 8 Module Plate (Vertical) | | |
| CS25812WHNR | 85381010 | 12 Module Plate | 345 | 5 |
| CS25816WHNR | 85381010 | 16 Module Plate | 399 | |
| CS25818WHNR | 85381010 | 18 Module Plate | 423 | |
| Glossy Grey (Cover Plates with Support Plate) | | | | |
| CS25801GRNR | 85381010 | 1 Module Plate | 101 | 10 |
| CS25802GRNR | 85381010 | 2 Module Plate | | |
| CS25803GRNR | 85381010 | 3 Module Plate | 130 | |
| CS25804GRNR | 85381010 | 4 Module Plate | 145 | |
| CS25806GRNR | 85381010 | 6 Module Plate | 208 | |
| CS25808GRNR | 85381010 | 8 Module Plate (Horizontal) | 265 | |
| CS25809GRNR | 85381010 | 8 Module Plate (Vertical) | | |
| CS25812GRNR | 85381010 | 12 Module Plate | 350 | 5 |
| CS25816GRNR | 85381010 | 16 Module Plate | 432 | |
| CS25818GRNR | 85381010 | 18 Module Plate | 460 | |

| 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 | 197 | 10 |
| CS25802NR | 85381010 | 2 Module Plate | | |
| CS25803NR | 85381010 | 3 Module Plate | 233 | |
| CS25804NR | 85381010 | 4 Module Plate | 261 | 5 |
| CS25806NR | 85381010 | 6 Module Plate | 394 | |
| CS25808NR | 85381010 | 8 Module - Horizontal | 441 | |
| CS25809NR | 85381010 | 8 Module - Vertical | | |
| CS25812NR | 85381010 | 12 Module Plate | 571 | |
| CS25816NR | 85381010 | 16 Module Plate | 610 | |
| CS25818NR | 85381010 | 18 Module Plate | 739 | |
| 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 | | | | |



* Material available till stock last.



CS25803BWNR



CS25803EWNR

English Walnut & Burly Wood Cover Plates with Support Plate

| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
|--------------|----------|-----------------------------|---------|------------------|
| CS25801NR | 85381010 | 1 Module Plate | 258 | 10 |
| CS25802NR | 85381010 | 2 Module Plate | | |
| CS25803NR | 85381010 | 3 Module Plate | 282 | |
| CS25804NR | 85381010 | 4 Module Plate | 297 | 5 |
| CS25806NR | 85381010 | 6 Module Plate | 508 | |
| CS25808NR | 85381010 | 8 Module Plate - Horizontal | | |
| CS25809NR | 85381010 | 8 Module Plate - Vertical | 586 | |
| CS25812NR | 85381010 | 12 Module Top Plate | 759 | |
| CS25816NR | 85381010 | 16 Module Top Plate | 847 | 5 |
| CS25818NR | 85381010 | 18 Module Plate | 901 | |

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

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

| Product Code | HSN Code | Description | Dimension LxHxD (mm) | MRP (₹) | Std. Pkg. (Nos.) |
|--------------|----------|---------------------------|----------------------|---------|------------------|
| CG24271NR | 85381010 | 1 Module Box | 75 X 75 X 50 | 83 | 10 |
| CG24271NR | 85381010 | 2 Module Box | 75 X 75 X 50 | | |
| CG24272NR | 85381010 | 3 Module Box | 100 X 75 X 50 | 98 | |
| CG24273NR | 85381010 | 4 Module Box | 135 X 76 X 50 | 120 | 5 |
| CG24274NR | 85381010 | 6 Module Box | 210 X 75 X 50 | 169 | |
| CG24275NR | 85381010 | 8 Module Box (4 +4) | 134 X 140 X 52 | 196 | |
| CG24276NR | 85381010 | 8 Module Box (Horizontal) | 232 X 79 X 52 | | |
| CG24277NR | 85381010 | 12 Module Box | 210 X 140 X 50 | 240 | |
| CG24279NR | 85381010 | 16 Module Box | 210 X 140 X 60 | 302 | 7 |
| CG24278NR | 85381010 | 18 Module Box | 210 X 210 X 56 | 339 | 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.



CG24272NR



Modular Switches | PRIMO



CS20114NR



CS20123NR



CS20511NR



CS20056NR



CS20631NR



CS20801NR



CS20359NR



CS20370NR



CS20228NR



CS20251NR

| Switches | | | | | | |
|-------------------------------------|----------|----------------------------------|-------------|-------------|------------------|------------------|
| Product Code - Pure White | HSN Code | Description | Type | No. Modules | MRP (₹) | Std. Pkg. (Nos.) |
| One-Way Switches | | | | | | |
| CS20113NR | 85361010 | 6A, 250V | General | 1 | 80 | 20 |
| CS20114NR | 85361010 | 6A, 250V | Luminous | 1 | 112 | |
| CS20115NR | 85361010 | 6A, 250V | Luminous | 2 | 125 | 10 |
| CS20573NR | 85361020 | 16A, 250V | General | 1 | 131 | 20 |
| CS20574NR | 85361020 | 16A, 250V | Luminous | 1 | 162 | |
| CS20575NR | 85361020 | 16A, 250V | Luminous | 2 | 172 | 10 |
| CS20117NR | 85361020 | 25A, 250V | General | 1 | 173 | 20 |
| CS20118NR | 85361020 | 25A, 250V | Luminous | 1 | 205 | |
| CS20119NR | 85361020 | 25A, 250V | General | 2 | 205 | 10 |
| CS20120NR | 85361020 | 25A, 250V | Luminous | 2 | 229 | |
| Two-Way Switches | | | | | | |
| CS20123NR | 85361010 | 6A, 250V | General | 1 | 127 | 20 |
| CS20124NR | 85361010 | 6A, 250V | General | 2 | 131 | 10 |
| CS20578NR | 85361020 | 16A, 250V | General | 1 | 181 | 20 |
| CS20579NR | 85361020 | 16A, 250V | General | 2 | 185 | 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 | 108 | 20 |
| CS20508NR | 85361010 | 6A, Bell Push | Luminous | 1 | 126 | |
| CS20510NR | 85361010 | 6A, Bell Push | General | 2 | 134 | 10 |
| CS20511NR | 85361010 | 6A, Bell Push | Luminous | 2 | 141 | |
| Blanking Module | | | | | | |
| CS20056NR | 85381010 | 1M Blank | General | 1 | 29 | 50 |
| Product Code - Pure White | HSN Code | Description | No. Modules | MRP (₹) | Std. Pkg. (Nos.) | |
| Neon Indicator | | | | | | |
| CS20631NR | 85361010 | Neon Indicator Red | 1 | 74 | 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 | 405 | 10 | |
| CS20828NR | 85361010 | 5 Step Fan Regulator 120 W | 2 | 465 | 10 | |
| CS20827NR | 85361010 | 4-Step Fan Regulator 100W | 1 | 314 | 20 | |
| CS20801NR | 85361010 | Rotary Type Dimmer 500W | 2 | 410 | 10 | |
| CS20804NR | 85361010 | Rotary Type Dimmer 300W | 1 | 310 | 20 | |
| Sockets with Safety Shutters | | | | | | |
| *CS20359NR | 85361010 | 6A, 2 Pin Socket | 1 | 94 | 20 | |
| CS20370NR | 85361010 | 6A, 3 Pin | 2 | 110 | | |
| *CS20353NR | 85361010 | 6A, 5 Pin | 2 | 129 | | |
| CS20352NR | 85361020 | 6/16A, 6 Pin | 3 | 218 | | |
| CS20354NR | 85361020 | 6/16A, Socket Projected | 2 | 202 | | |
| *CS20355NR | 85361020 | 6/25A, 6 Pin | 3 | 250 | | |
| *CS20356NR | 85361020 | 6/16/25A, 6 Pin Socket Projected | 2 | 202 | | |
| *CS20358NR | 85361020 | 13A Universal Socket | 2 | 228 | | |
| Product Code - Pure White | HSN Code | Description | No. Modules | MRP (₹) | Std. Pkg. (Nos.) | |
| TV Socket / Flex Outlet | | | | | | |
| CS20228NR | 85361010 | TV Socket | 1 | 103 | 20 | |
| CS20237NR | 85361010 | Flex Outlet | 1 | 65 | | |
| Product Code - Pure White | HSN Code | Description | No. Modules | MRP (₹) | Std. Pkg. (Nos.) | |
| Telephone / Computer Socket | | | | | | |
| CS20251NR | 85361010 | RJ 11, Telephone Jack | 1 | 103 | 20 | |
| CS20271NR | 85361010 | RJ 45, Computer Jack CAT5e | 1 | 332 | | |
| CS20272NR | 85361010 | RJ 45, Computer Jack CAT6 | 1 | 513 | | |
| CS20273NR | 85361010 | RJ 45, Computer Jack CAT6a | 1 | 985 | | |

* Material available till stock last.



CS20636NR

| Buzzer | | | | | |
|--------------|----------|-------------|----------------|---------|------------------|
| Product Code | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| CS20636NR | 85044030 | Buzzer | 1 | 540 | 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 | 919 | 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 | 480 | 1 |

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



CS20611NR CS20610NR

| DND/MMR Switch Units | | | | | |
|----------------------|----------|-----------------------|----------------|---------|------------------|
| Product Code | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| CS20610NR | 85361010 | DND/MMR External Unit | 1+1 | 221 | 20 |
| CS20611NR | 85361010 | DND/MMR Internal Unit | 1+1 | 210 | 10 |
| CS20609NR | 85361010 | Indicator | 1 | 90 | 20 |



CS20632NR CS20633NR

| Skirt Light & Night Lamp | | | | | |
|--------------------------|----------|-------------|----------------|---------|------------------|
| Product Code | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| CS20632NR | 94051090 | Skirt Light | 2 | 358 | 10 |
| CS20633NR | 94051090 | Night Lamp | 2 | 375 | 10 |



CS20431NR CS20443NR

| 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 | 221 | 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 | 528 | 6 |
| CS20439NR | 85361010 | 10A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20440NR | 85361020 | 16A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20441NR | 85361020 | 20A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20442NR | 85361020 | 25A Double Pole 4.5kA - Tripping Curve 'C' | | | |
| CS20443NR | 85361020 | 32A Double Pole 4.5kA - Tripping Curve 'C' | | | |



CS26401WNR

| Power Unit | | | | | |
|---------------------------|----------|---|----------------|---------|------------------|
| Product Code - Pure White | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| CS26401WNR | 85371000 | Power Unit Combo 16A MCB Protected Socket | 4 | 797 | 1 |
| *CS26402WNR | 85371000 | Power Unit Combo 20A MCB Protected Socket | 4 | 917 | |
| *CS26403WNR | 85371000 | Power Unit Combo 25A MCB Protected Socket | 4 | 917 | |



CS20364NR

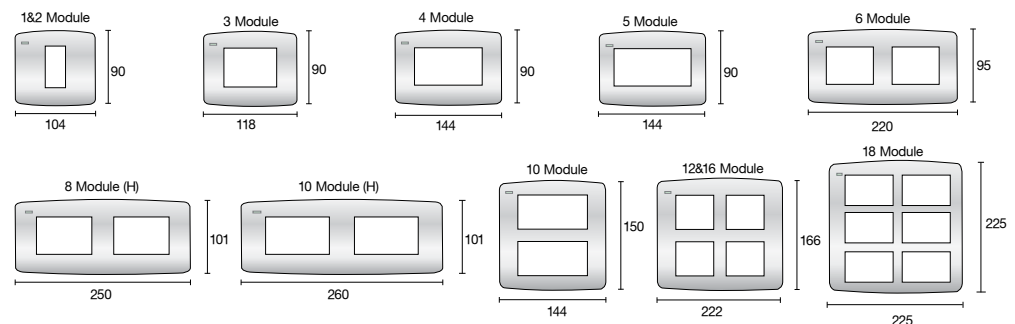
| Single Phase Motor Starter | | | | | |
|----------------------------|----------|-------------------|---------|------------------|--|
| Product Code | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) | |
| CS20364NR | 85361020 | Motor Starter 16A | 593 | 10 | |
| CS20366NR | 85361020 | Motor Starter 25A | | | |



| Top Plates with Support Plate | | | | |
|--|----------|--|---------|---------------------|
| Product Code - Pure White | HSN Code | Description | MRP (₹) | Std. Pkg. (Nos.) |
| CS25701WHNR | 85381010 | 1 Module Plate | 83 | 10 |
| CS25702WHNR | 85381010 | 2 Module Plate | | |
| CS25703WHNR | 85381010 | 3 Module Plate | 129 | |
| CS25704WHNR | 85381010 | 4 Module Plate | 135 | |
| CS25705WHNR | 85381010 | 5 Module Plate (Compatible with 4M Metal Box) | | |
| CS25706WHNR | 85381010 | 6 Module Plate | 183 | |
| CS25707WHNR | 85381010 | 8 Module Horizontal | 242 | |
| CS25709WHNR | 85381010 | 8 Module Plate Horizontal (Compatible with 6M Metal Box) | | |
| CS25710WHNR | 85381010 | 10 Module-Vertical (Compatible With 8M (4+4) Metal Box) | | |
| CS25711WHNR | 85381010 | 10 Module-Horizontal (Compatible With 8M (H) Metal Box) | | |
| CS25712WHNR | 85381010 | 12 Module Plate | 304 | 5 |
| CS25716WHNR | 85381010 | 16 Module Plate (Compatible With 12M Metal Box) | 385 | |
| CS25718WHNR | 85381010 | 18 Module Plate | 396 | |
| Red / Yellow/ Green/ Blue / Grey Plates | | | | |
| CS25701NR | 85381010 | 1 Module Plate | 93 | 10 |
| CS25702NR | 85381010 | 2 Module Plate | 136 | |
| CS25703NR | 85381010 | 3 Module Plate | | |
| CS25704NR | 85381010 | 4 Module Plate | 141 | |
| CS25705NR | 85381010 | 5 Module Plate (Compatible With 4M Metal Box) | 191 | |
| CS25706NR | 85381010 | 6 Module Plate | | |
| CS25707NR | 85381010 | 8 Module Horizontal | 245 | |
| CS25709NR | 85381010 | 8 Module Plate Horizontal (Compatible with 6M Metal Box) | | |
| CS25710NR | 85381010 | 10 Module-Vertical (Compatible With 8M (4+4) Metal Box) | | |
| CS25711NR | 85381010 | 10 Module-Horizontal (Compatible With 8M (H) Metal Box) | | |
| CS25712NR | 85381010 | 12 Module Plate | 328 | 5 |
| CS25716NR | 85381010 | 16 Module Plate (Compatible With 12M Metal Box) | 399 | |
| CS25718NR | 85381010 | 18 Module Plate | 458 | |
| 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 | 178 | 10 |
| CS25702WNNR | 85381010 | 2 Module Plate | 226 | |
| CS25703WNNR | 85381010 | 3 Module Plate | | |
| CS25704WNNR | 85381010 | 4 Module Plate | 245 | |
| CS25705WNNR | 85381010 | 5 Module Plate (Compatible With 4M Metal Box) | 313 | |
| CS25706WNNR | 85381010 | 6 Module Plate | | |
| CS25707WNNR | 85381010 | 8 Module Horizontal | 450 | |
| CS25709WNNR | 85381010 | 8 Module Plate Horizontal (Compatible with 6M Metal Box) | | |
| CS25710WNNR | 85381010 | 10 Module-Vertical (Compatible With 8M (4+4) Metal Box) | | |
| CS25711WNNR | 85381010 | 10 Module-Horizontal (Compatible With 8M (H) Metal Box) | | |
| CS25712WNNR | 85381010 | 12 Module Plate | 553 | 5 |
| CS25716WNNR | 85381010 | 16 Module Plate (Compatible With 12M Metal Box) | 586 | |
| CS25718WNNR | 85381010 | 18Module Plate | 695 | |



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



CS20436NR

CS20438NR

| 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 | 221 | 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 | 528 | 6 |
| CG20439RNR | 85361010 | 10A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20440RNR | 85361020 | 16A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20441RNR | 85361020 | 20A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20442RNR | 85361020 | 25A Double Pole 4.5kA-Tripping Curve 'C' | | | |
| CG20443RNR | 85361020 | 32A Double Pole 4.5kA-Tripping Curve 'C' | | | |

| Non-Modular Miniature Case Circuit Breaker - WiNtrip 'S' | | | | | |
|---|----------|--|----------------|---------|------------------|
| Product Code - Pure White | HSN Code | Description | No. of Modules | MRP (₹) | Std. Pkg. (Nos.) |
| Single & Double Pole | | | | | |
| CS20431NNR | 85361010 | 6A Single Pole 4.5kA-Tripping Curve 'C' | 1 | 221 | 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 | 528 | 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' | | | |

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

- This Pricelist supercedes all previous Price Lists.
- Maximum Retail Price (MRP) mentioned are maximum recommended selling prices inclusive of GST.
- All Prices are in Indian Rupees.

Warranty

All our listed Electro-mechanical wiring devices carry a warranty, against manufacturing defects for a period of 10 years from the date of invoicing & 2 years for all mains related electronic wiring products viz. Dimmers, Step Fan regulator and Indicators subject to it's usages in normal recommended operating conditions. Guarantee does not include Metal Box, Plug Tops and other stand alone products. The guarantee defines the company's entire liability & does not cover consequences loss or damage or reinstallations cost arising from defective product. The company liability shall be limited to exchange or repair of the product, at our discretion, provided that such defective products are returned to nearest Branch office.





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- 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

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Central Customer Care (CCC) " ≥ 48 Hours"
(Connect via Toll free no., Email ID, & Whatsapp no.)

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WhatsApp No.: 95994 45253, Email: bikram.rana@cselectric.co.in

Sr.VP - Mr. P. Anandan " ≥ 96 Hours"
Email: anandan.p@cselectric.co.in



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