

We touch your electricity everyday!



## Price Schedule

w.e.f 15<sup>th</sup> July 2021

Low Voltage Components



Introducing

**CX** Partner  
Program

**An IEC 61439**  
Design Verified Panel

## List Price

Power Distribution Components	Page No.
WiNmaster3 ACB	6-9
WiNmaster2 ACB	10-13
AH/AHA ACB	14-26
WiNbreak1 MCCB	27-33
WiNbreak2 MCCB	34-38
ACE2 MCCB	39-41
WiNbreak MCCB - CS & CSC Series	42-45
Switch Disconnecter Fuse Unit	46-47
Switch Disconnecter	48-50
Changeover Switch	51-52
Bypass Switch	53-54
SDF Changeover	55
Fusegear	56-58

## Maximum Retail Price

Power Control Components	Page No.
Motor Protection Circuit Breaker (MPCB)	61-62
robusTa2 Contactor & Overload Relay	64
Mini Contactor	66-67
Exceed Contactor	68
robusTa Power Contactor	69-72
Capacitor Duty Contactor	73
robusTa Overload Relay	74
Accessories - robusTa & Exceed Contactor	75-78
D Range Contactor & Overload Relays	79-81
4 Pole & 2 Pole Contactor & Overload Relay, Definite Purpose Contactor	82-84
Industrial Plugs & Sockets	86
Control & Signalling Devices	87-95
Motor Starters - Industrial	97-99

Protection, Measurement & Control Devices	Page No.
Digital Panel Meters	101
Multi Function Meters	101
Power Quality Measurement	102
Demand Controller	103
Power Factor Controller	103
Electronic Motor Protection Relay	104
Electronic Motor Protection Relay-CSMP	106
ELR - Earth Leakage Relay	107
DG AMF / Synchronizing Controller	107
Voltage & Current Monitoring Relay's & Timer	108

Final Power Distribution Components	Page No.
Miniature Circuit Breaker, Isolator & MCB Type Changeover Switch	111-116
Residual Current Circuit Breaker	117-118
ACCL	120
Distribution Board	121-126
Plug & Socket DBs	127

Wiring Accessories	Page No.
Modular Switches - DIVINO	129-132
Weather Proof Enclosure - COMBI	133
Accessories	134
Modular Switches - PRIMO Plus	136-139
Modular Switches - PRIMO	140-143



# List Price

## Power Distribution Components

### General Terms & Conditions

Prices are subject to change without any prior notice and will be applicable as prevailing at the time of dispatch. Further prices are ex-works basis.

- This Price List supercedes all previous Price Lists.
- The List Prices (LP) mentioned are exclusive of all taxes.
- Maximum Retail Price (MRP) mentioned are maximum recommended selling prices inclusive of GST.
- 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.

#### CENTRAL CUSTOMER CARE (CCC)


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

**Toll Free Number: 1800 572 2012**

E-mail: [customercare@cselectric.co.in](mailto: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

HRC Fuse Links, Fuse Bases & Fuse Holders





## Efficient Partner in Power Distribution & Protection

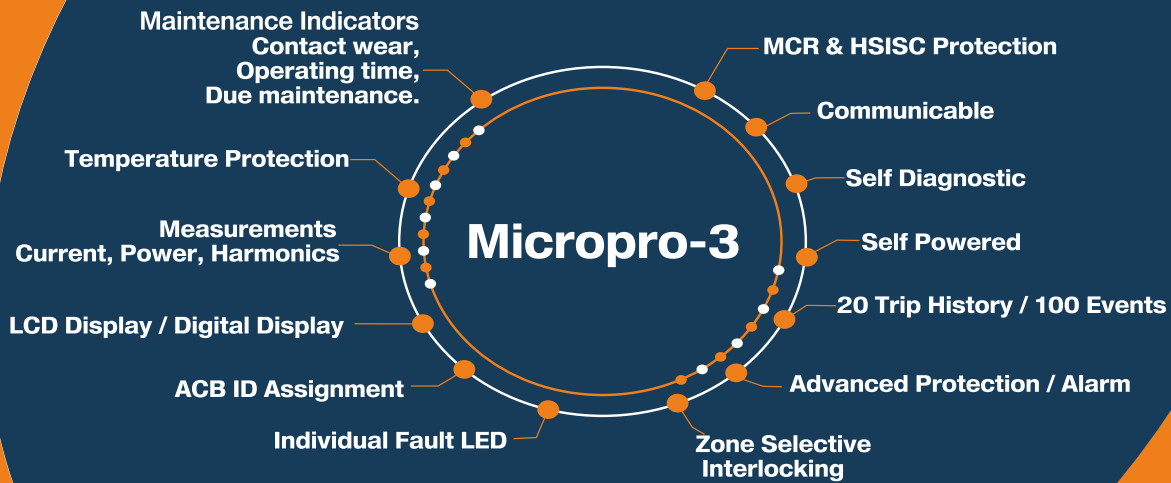


### WiNmaster 3 Air Circuit Breaker

CE RoHS  
Compliant

- Rated Operational Voltage up to 690V
- $I_{cu}=I_{cs}=I_{cw}$  (1sec)
- Truly Modular
- Universal Termination
- No deration upto 50°C
- Wider Terminal
- Line / Load Reversibility
- Complete range of accessories
- Intelligent Release family- Micropro-3

## Quenching The Needs



## INTELLIGENT RELEASE

**Micropro**  
Series



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

## WiNmaster3 - Air Circuit Breakers

- Rated Operational Voltage up to 690V
- Icu = Ics = Icw (1sec)
- ACB with Universal Termination\*
- Microprocessor release with Individual Fault Annunciation LEDs

### Manual Fixed (MF)

- Microprocessor Release
- Aux Switch 6NO+6NC/ 4NO 4 NC
- 60 Nos SIC

### Electrical Fixed (EF)

- Microprocessor Release
- Aux Switch 6NO + 6NC/ 4NO 4 NC
- Charging Motor-220V AC
- Shunt - 220V AC
- 60 Nos SIC

### Manual Drawout (MF)

- Microprocessor Release
- Aux Switch 6NO + 6NC/ 4NO 4 NC
- 60 Nos SIC

### Electrical Draout (EDO)

- Microprocessor Release
- Aux Switch 6NO + 6NC/ 4NO 4 NC
- Charging Motor-220V AC
- Shunt - 220V AC
- Closing Coil - 220V AC
- 60 Nos SIC

### 3 Pole, Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)			
			Manual Fixed	Manual Drawout	Electrical Fixed	Electrical Drawout
630A	65kA	WX306S3P*A(S)	POR	POR	POR	POR
800A		WX308S3P*A(S)				
1000A		WX310S3P*A(S)				
1250A		WX312S3P*A(S)				
1600A		WX316S3P*A(S)				
2000A		WX320S3P*A(S)				
2500A		WX325S3P*A(S)				
800A	80kA	WX308H3P*A(S)	POR	POR	POR	POR
1000A		WX310H3P*A(S)				
1250A		WX312H3P*A(S)				
1600A		WX316H3P*A(S)				
2000A		WX320H3P*A(S)				
2500A		WX325H3P*A(S)				
3200A		WX332H3P*A(S)				
4000A	WX340H3P*A(S)					

### 4 Pole, Winmaster3 Air Circuit Breakers with Micropro3- 3.1 Release with LSING Protection

Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)			
			Manual Fixed	Manual Drawout	Electrical Fixed	Electrical Drawout
630A	65kA	WX306S4P*A(S)	POR	POR	POR	POR
800A		WX308S4P*A(S)				
1000A		WX310S4P*A(S)				
1250A		WX312S4P*A(S)				
1600A		WX316S4P*A(S)				
2000A		WX320S4P*A(S)				
2500A		WX325S4P*A(S)				
800A	80kA	WX308H4P*A(S)	POR	POR	POR	POR
1000A		WX310H4P*A(S)				
1250A		WX312H4P*A(S)				
1600A		WX316H4P*A(S)				
2000A		WX320H4P*A(S)				
2500A		WX325H4P*A(S)				
3200A		WX332H4P*A(S)				
4000A	WX340H4P*A(S)					

MRP & Reference Code changes as per the release modification	Ordering Code	List Price (₹)
Without release ACB	WR	POR
MicroPro3 3.1 (LSING)	A	
MicroPro3 4.1 (LSING, LED Display, Current Measurement, Trip History)	B	
MicroPro3 5.1 (LSING, 2 LED Display, Current + Voltage + Power Measurement, Trip History,	C	
MicroPro3 7.1 (LSING + Advanced Protections, LCD Display, Current + Voltage + Power + Harmonics Measurement, Trip History, ZSI, Communication, Maintenance Indicator)	D	

NOTE: Breaking capacity @415V





# 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.

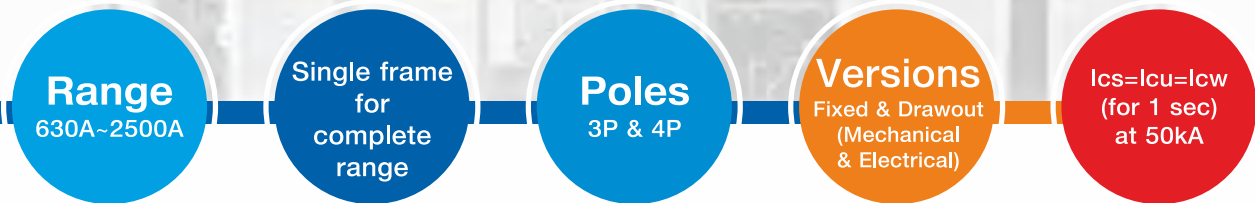
Customer Name		Order No. & date		Delivery Date	End user/ Panel Builder Name & Ph. No.	
Frame1 ACB 65kA@415V AC 42kA@690V AC	<input type="checkbox"/> 630A	<input type="checkbox"/> 1000A	<input type="checkbox"/> 1600A	<input type="checkbox"/> 2500A	Product Code	
	<input type="checkbox"/> 800A	<input type="checkbox"/> 1250A	<input type="checkbox"/> 2000A			
Fraem2-ACB 80kA@415V AC 50kA@690V AC	<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		
No. of Poles	<input type="checkbox"/> 3 Pole	<input type="checkbox"/> 4 Pole	<input type="checkbox"/> 3Pole + N	<input type="checkbox"/> Fixed	<input type="checkbox"/> Drawout	
<b>Termination (Selection is mandatory)</b>						
<input type="checkbox"/> Universal Termination (630A-3200A)						
<b>Termination for 4000A (Factory fitted only)</b>						
<input type="checkbox"/> Horizontal Termination 4000A			<input type="checkbox"/> Top Hor. Bottom Ver. Termination			
<input type="checkbox"/> Vertical Termination 4000A			<input type="checkbox"/> Bottom Hor. Top Ver. Termination			
<input type="checkbox"/> Manual	Closing Coil	<input type="checkbox"/> 110V AC/DC		<input type="checkbox"/> 220V AC/DC		<input type="checkbox"/> 415V AC
		<input type="checkbox"/> 24V DC		<input type="checkbox"/> 48V DC		
<input type="checkbox"/> Electrical	Shunt Trip Coil	<input type="checkbox"/> 110V AC/DC		<input type="checkbox"/> 220V AC/DC		<input type="checkbox"/> 415V AC
		<input type="checkbox"/> 24V DC		<input type="checkbox"/> 48V DC		
<input type="checkbox"/> Auxiliary switch (4NO+4NC)	Charging Motor	<input type="checkbox"/> 110V AC/DC		<input type="checkbox"/> 220V AC/DC		<input type="checkbox"/> 415V AC
		<input type="checkbox"/> 100-130V AC		<input type="checkbox"/> 220-250V AC		<input type="checkbox"/> 380-440V AC
<input type="checkbox"/> Auxiliary switch (6NO+6NC)	UVT	<input type="checkbox"/> 110V DC		<input type="checkbox"/> 220V DC		
		<input type="checkbox"/> Without Time Delay			<input type="checkbox"/> 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"/> No Release					
PSM	<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"/> 1 ACB	<input type="checkbox"/> Electrical Position Indication				<input type="checkbox"/> Phase Barriers
	<input type="checkbox"/> 2 ACB	<input type="checkbox"/> IP 54 Protection (For Drawout ACB only)				<input type="checkbox"/> Mechanical Counter
<input type="checkbox"/> Spring charge Ind.( Elec. Only)	<input type="checkbox"/> 3 ACB	<input type="checkbox"/> Aux. SW 6NO + 6 NC				
	<input type="checkbox"/> Aux. SW 4 NO + 4 NC					
Special Requirement if any						
Note: (1) Please refer to catalog / price list for further details of MicroPro3 release (2) Neutral CT is required along with Micropro3 release having ground fault protection. This has to be mounted on earth / neutral busbar of panel						



# WiNmaster2

Breaker with intelligence

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



CE RoHS Compliant

## Intelligent releases

- Micropro2 3.1
- Micropro2 4.1
- Micropro2 7.1





# 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"> <li>- Microprocessor Release</li> <li>- Auxiliary Switch 6NO+6NC</li> <li>- Main CTs</li> <li>- Terminal Type - Horizontal</li> </ul>	<ul style="list-style-type: none"> <li>- Microprocessor Release</li> <li>- Auxiliary Switch 6NO+6NC</li> <li>- Main CTs</li> <li>- AC/DC Charging Motor</li> <li>- Closing Coil</li> <li>- Shunt Trip</li> <li>- Terminal Type - Horizontal</li> </ul>	<ul style="list-style-type: none"> <li>- Microprocessor Release</li> <li>- Auxiliary Switch 6NO+6NC</li> <li>- Main CTs</li> <li>- Safety Shutter</li> <li>- 60 Way auxiliary isolating contacts</li> <li>- Terminal Type - Horizontal</li> </ul>	<ul style="list-style-type: none"> <li>- Microprocessor Release</li> <li>- Auxiliary Switch 6NO+6NC</li> <li>- Main CTs</li> <li>- Safety Shutter</li> <li>- 60 Way auxiliary isolating contacts</li> <li>- AC/DC Charging Motor</li> <li>- Closing Coil</li> <li>- Shunt Trip</li> <li>- Terminal Type - Horizontal</li> </ul>

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

Fixed 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	WX06N3P*A(S)	153800	205820
800	50kA	WX08N3P*A(S)	153800	205820
1000	50kA	WX10N3P*A(S)	161910	216070
1250	50kA	WX12N3P*A(S)	187900	242810
1600	50kA	WX16N3P*A(S)	210580	263680
2000	50kA	WX20N3P*A(S)	247320	299920
2500	50kA	WX25N3P*A(S)	277000	340490

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

Fixed 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	WX06N4P*A(S)	193690	244810
800	50kA	WX08N4P*A(S)	193690	244810
1000	50kA	WX10N4P*A(S)	202260	253840
1250	50kA	WX12N4P*A(S)	237020	290110
1600	50kA	WX16N4P*A(S)	269610	322200
2000	50kA	WX20N4P*A(S)	323240	379430
2500	50kA	WX25N4P*A(S)	342630	398410

Drawout 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MDO	*EDO
630	50kA	WX06N3P*A(S)	213960	260170
800	50kA	WX08N3P*A(S)	213960	260170
1000	50kA	WX10N3P*A(S)	222730	270590
1250	50kA	WX12N3P*A(S)	241030	295140
1600	50kA	WX16N3P*A(S)	276510	328050
2000	50kA	WX20N3P*A(S)	337960	392060
2500	50kA	WX25N3P*A(S)	413910	471920

Drawout 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MDO	*EDO
630	50kA	WX06N4P*A(S)	253900	306900
800	50kA	WX08N4P*A(S)	253900	309830
1000	50kA	WX10N4P*A(S)	268440	322050
1250	50kA	WX12N4P*A(S)	286100	354220
1600	50kA	WX16N4P*A(S)	331140	384750
2000	50kA	WX20N4P*A(S)	407290	460380
2500	50kA	WX25N4P*A(S)	483980	535560

## 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	8160
<b>With NCT ordering Code will be</b>	<b>Existing Code</b>	<b>New Code</b>	
	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	List Price (₹)	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 5710	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 42830	C

### NOTES:

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

## WiNmaster2/3 Air Circuit Breaker Accessories

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

1. Under Voltage Trip Device				[HSN Code: 8538]
Sl. No.	Compatible with	Description	Reference	List Price (₹)
1.1	WM2/ WM3	Without Delay Common for 630A-4000A	CS-WM2-AUH-V-ABC-**	7760
1.2	WM2/ WM3	With Delay Common for 630A-4000A	CS-WM2-AUH-D-ABC-**	8490

2. Continuous rated Shunt Trip and Closing Coil				[HSN Code: 8538]
Sl. No.	Compatible with	Description	Reference	List Price (₹)
2.1	WM2/ WM3	Shunt Coil Common for 630A-4000A	CS-WM2-AVH-SC-ABC-**	3880
2.2	WM2/ WM3	Closing Coil Common for 630A-4000A	CS-WM2-AVH-CC-ABC-**	3880

3. Accessories				[HSN Code: 8538]
Sl. No.	Compatible with	Description	Reference	List Price (₹)
3.1	WM2/ WM3	Universal Charging Motor-Common for 630A-2500A (for 220VAC/DC)	CS-WM2-AMH-AV-A-M	34400
3.2	WM2/ WM3	Universal Charging Motor-Common for 630A-2500A (for 415VAC)	CS-WM2-AMH-AU-A1-N	
3.3	WM2/ WM3	Universal Charging Motor-Common for 630A-2500A (for 110VAC/DC)	CS-WM2-AMH-AS-A1-F	
3.4	WM3	Universal Charging Motor for Frame2, Common for 800A-4000A (for 220VAC/DC)	CS-WM3-AMH-AV-A2-M	POR
3.5	WM3	Universal Charging Motor for Frame2, Common for 800A-4000A (for 415VAC)	CS-WM3-AMH-AU-A2-N	
3.6	WM3	Universal Charging Motorfor Frame2, Common for 800A-4000A (for 11 0VAC/DC)	CS-WM3-AMH-AS-A2-F	
3.7	WM2/ WM3	LIFTER	LIFTER (580x600)*	144220
			LIFTER-SPL (690x570)*	158570
3.8	WM2/ WM3	Mismatch Prevention Device	CS-WM2-MIP-AB	1540
3.9	WM2	Panel Door Lock (Drawout)	CS-WM2-PDL-AB	2210
3.10	WM2/ WM3	Mechanical interlock for interlocking 2 ACBs (Drawout)	CS-WM2-MIL-HD	36530
3.11	WM2/ WM3	Mechanical interlock for interlocking 2 ACBs (Fixed)	CS-WM2-MIL-HF	31210
3.12	WM2/ WM3	Key Lock (1 Lock + 1 Key)	CS-WM2-AKI-AB	6240
3.13	WM2/ WM3	Key Lock ( 3 Lock + 2 Key)	CS-WM2-AKI-1-AB	6520
3.14	WM2/ WM3	Key Lock ( 2 Lock + 1 Key)	CS-WM2-AKI-2-AB	4980
3.15	WM2/ WM3	Mechanical operation counter	CS-WM2-ASC-ABC	2860
3.16	WM2/ WM3	Ready to close contact	CS-WM2-RTC-ABC	1540
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)	CS-WM2-MIL3-HD	43700
3.20	WM2/ WM3	Mechanical Interlock for 1 to 3 ACBs (Fixed)	CS-WM2-MIL3-HF	47300
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.





# Air Circuit Breaker AH / AHA



**RoHS**  
Compliant

## Intelligent Protection Releases

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



\*Prices available on request.



# 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 <sub>cu</sub> =I <sub>cs</sub> =I <sub>cw</sub> (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	AHA06N3P*MP3.1(S)	129570	172500
800	50kA	AHA08N3P*MP3.1(S)	129570	172500
1000	50kA	AHA10N3P*MP3.1(S)	130320	178590
1250	50kA	AHA12N3P*MP3.1(S)	160690	206650
1600	50kA	AHA16N3P*MP3.1(S)	174920	224770
2000	50kA	AHA20N3P*MP3.1(S)	199730	271330
2500	50kA	AHA25N3P*MP3.1(S)	240580	306310
3200	65kA	AH30DCSMP3.1*(S)	360160	422540
4000	85kA	AH40DCSMP3.1*(S)	580260	632050

Fixed 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity I <sub>cu</sub> =I <sub>cs</sub> =I <sub>cw</sub> (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	AHA06N4P*MP3.1(S)	161660	208510
800	50kA	AHA08N4P*MP3.1(S)	161660	208510
1000	50kA	AHA10N4P*MP3.1(S)	165610	214920
1250	50kA	AHA12N4P*MP3.1(S)	211940	254020
1600	50kA	AHA16N4P*MP3.1(S)	228660	273160
2000	50kA	AHA20N4P*MP3.1(S)	268900	339540
2500	50kA	AHA25N4P*MP3.1(S)	317910	383120
3200	65kA	AH30D4CSMP3.1*(S)	477860	534360
4000	85kA	AH40D4CSMP3.1*(S)	692080	790940

Drawout 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity I <sub>cu</sub> =I <sub>cs</sub> =I <sub>cw</sub> (1sec)	Reference	List Price (₹)	
			*MD	*ED
630	50kA	AHA06N3P*MP3.1(S)	190850	234300
800	50kA	AHA08N3P*MP3.1(S)	190850	234300
1000	50kA	AHA10N3P*MP3.1(S)	199830	243270
1250	50kA	AHA12N3P*MP3.1(S)	222640	258510
1600	50kA	AHA16N3P*MP3.1(S)	245370	301680
2000	50kA	AHA20N3P*MP3.1(S)	300580	351730
2500	50kA	AHA25N3P*MP3.1(S)	363100	404460
3200	65kA	AHA30S3P*MP3.1(S)	464220	509450
4000	65kA	AHA40S3P*MP3.1(S)	594560	604980
4000	85kA	AH40DCSMP3.1*(S)	613220	641470
5000	85kA	AH50CCSMP3.1*(S)	POR	POR
6300	100kA	AH60CCSMP3.1*(S)	POR	POR

Drawout 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity I <sub>cu</sub> =I <sub>cs</sub> =I <sub>cw</sub> (1sec)	Reference	List Price (₹)	
			*MD	*ED
630	50kA	AHA06N4P*MP3.1(S)	240220	287080
800	50kA	AHA08N4P*MP3.1(S)	240220	287080
1000	50kA	AHA10N4P*MP3.1(S)	245580	297240
1250	50kA	AHA12N4P*MP3.1(S)	289710	317370
1600	50kA	AHA16N4P*MP3.1(S)	315770	357980
2000	50kA	AHA20N4P*MP3.1(S)	390450	424190
2500	50kA	AHA25N4P*MP3.1(S)	467190	504770
3200	65kA	AHA30S4P*MP3.1(S)	565950	612700
4000	65kA	AHA40S4P*MP3.1(S)	757690	760090
4000	85kA	AH40D4CSMP3.1*(S)	741510	779170
5000	85kA	AH50C4CSMP3.1*(S)	POR	POR
6300	100kA	AH60C4CSMP3.1*(S)	POR	POR

NOTES: All configurable products are non stockable.

## Air Circuit Breaker AH / AHA

630A-6300A

(III) ACB with Thermal Magnetic Release

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

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

Fixed 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	AHA06N3P*TM(S)	100340	139800
800	50kA	AHA08N3P*TM(S)	107510	155210
1000	50kA	AHA10N3P*TM(S)	109700	156130
1250	50kA	AHA12N3P*TM(S)	146090	190030
1600	50kA	AHA16N3P*TM(S)	151530	203960
2000	50kA	AHA20N3P*TM(S)	174050	242620
2500	50kA	AHA25N3P*TM(S)	195110	280590
3200	65kA	AH30DCSTM*(S)	326390	392250
4000	85kA	AH40DCSTM*(S)	505470	570470

Fixed 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	AHA06N4P*TM(S)	134340	173000
800	50kA	AHA08N4P*TM(S)	142550	181460
1000	50kA	AHA10N4P*TM(S)	145050	189380
1250	50kA	AHA12N4P*TM(S)	181340	228790
1600	50kA	AHA16N4P*TM(S)	196390	250370
2000	50kA	AHA20N4P*TM(S)	238030	290380
2500	50kA	AHA25N4P*TM(S)	281270	333040
3200	65kA	AH30D4CSTM*(S)	408200	468150
4000	85kA	AH40D4CSTM*(S)	598700	694310

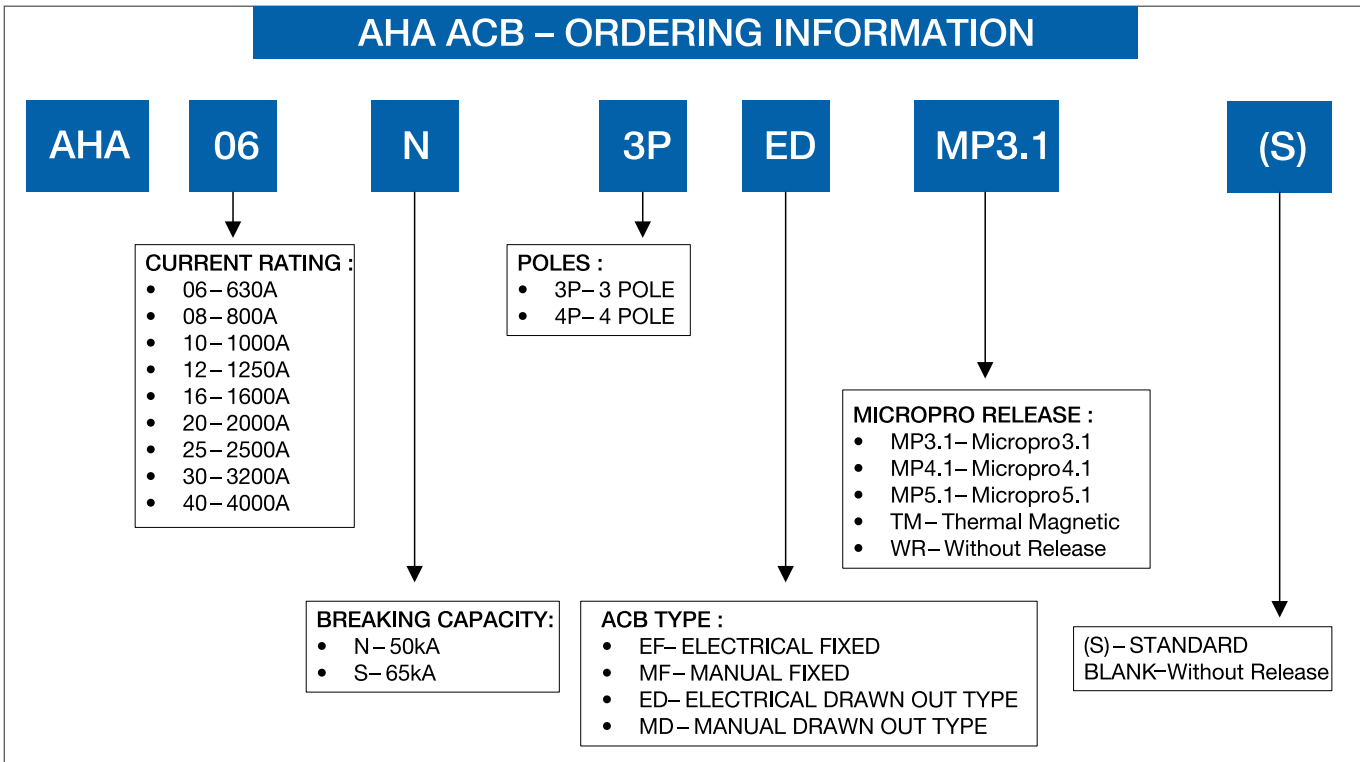
Drawout 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MD	*ED
630	50kA	AHA06N3P*TM(S)	160180	206860
800	50kA	AHA08N3P*TM(S)	161930	213090
1000	50kA	AHA10N3P*TM(S)	166350	215780
1250	50kA	AHA12N3P*TM(S)	200660	243530
1600	50kA	AHA16N3P*TM(S)	231790	273230
2000	50kA	AHA20N3P*TM(S)	274270	314880
2500	50kA	AHA25N3P*TM(S)	330890	374180
3200	65kA	AHA30S3P*TM(S)	416910	460750
4000	65kA	AHA40S3P*TM(S)	552180	595190
4000	85kA	AH40DCSTM*(S)	580220	631600
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	List Price (₹)	
			*MD	*ED
630	50kA	AHA06N4P*TM(S)	201100	255500
800	50kA	AHA08N4P*TM(S)	205490	265250
1000	50kA	AHA10N4P*TM(S)	212250	268540
1250	50kA	AHA12N4P*TM(S)	257430	299840
1600	50kA	AHA16N4P*TM(S)	282810	325830
2000	50kA	AHA20N4P*TM(S)	357590	379430
2500	50kA	AHA25N4P*TM(S)	424260	458770
3200	65kA	AHA30S4P*TM(S)	520220	564930
4000	65kA	AHA40S4P*TM(S)	701550	721160
4000	85kA	AH40D4CSTM*(S)	700070	754270
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	List Price(₹)
MicroPro 4.1 (LSING, Display, Current Measurement, Trip History, Communication) add to the price of ACB with MP3.1	<b>ADD</b>	16030
MicroPro5.1 (LSING, Display, Current Measurement, Trip History, ZSI, Communication) add to the price of ACB with MP3.1	<b>ADD</b>	24090

**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	List Price(₹)
630A-1600A	Reduce	5680
2000A	Reduce	7110
2500A-3200A	Reduce	9230
4000A	Reduce	11080

**Notes :**

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

## Air Circuit Breaker (B-Type)

630A-2000A

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

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



Manual Fixed, 3 Pole with Thermal Magnetic Release			[HSN Code: 8536]
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)
			MF
630	50kA	AH06BCSTM*(S)	92590
800	50kA	AH08BCSTM*(S)	93060
1000	50kA	AH10BCSTM*(S)	93900
1250	50kA	AH12BCSTM*(S)	106190
1600	50kA	AH16BCSTM*(S)	127710
2000	50kA	AH20BCSTM*(S)	140480

Manual Fixed, 3 Pole with Intelligent Release MicroPro 3.1			[HSN Code: 8536]
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)
			MF
630	50kA	AH06BCSMP3.1*(S)	97440
800	50kA	AH08BCSMP3.1*(S)	101460
1000	50kA	AH10BCSMP3.1*(S)	108200
1250	50kA	AH12BCSMP3.1*(S)	138710
1600	50kA	AH16BCSMP3.1*(S)	158330
2000	50kA	AH20BCSMP3.1*(S)	172650

Main Accessories-AH / AHA (Please specify ACB rating & type while placing order)			[HSN Code: 8538]
Sl. No.	Description	Reference	List Price (₹)
1.0	Earth Fault Relay for 6D-60C / 06N-40S	CS-EFR	6590

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	List Price (₹)	Reference	List Price (₹)	
2.1	06D/06N	CS-EFR-06D3P	8730	CS-EFR-06D4P	6330	
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	10150	CS-EFR-20D4P	6600	
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	13830	CS-EFR-40S4P	7590	
2.12	40D	CS-EFR-40D3P		CS-EFR-40D4P		
2.13	50C	CS-EFR-50C3P		POR		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	List Price (₹)
3.1	For 6D-16D / 06N-16N, 3 Pole	ASH-1	2840
	For 6D-16D / 06N-16N, 4 Pole	ASH-1 (4P)	3660
3.2	For 20N / 20S, 3 Pole	ASH-1-20N/S (3P)	2980
	For 20N / 20S, 4 Pole	ASH-1-20N/S (4P)	3810
3.3	For 20D-25D/30S, 3 Pole	ASH-2	3250
	For 20D-25D/30S, 4 Pole	ASH-2 (4P)	4220
3.4	For 30D/40S, 3 Pole	ASH-3	4420
	For 30D/40S, 4 Pole	ASH-3 (4P)	6310
3.5	For 40D, 3 Pole	ASH-4	5400
	For 40D, 4 Pole	ASH-4 (4P)	7070
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	List Price (₹)
4.1.1	-	100/0.2A	CS-WMCT-014	CS-ATBWM-010	3310
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	3490
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	4660
4.1.11	20N/20S	2000/0.2A	CS-WMCT-220	CS-ATBWM-220	
4.1.12	20D	2000/0.2A	CS-ATBWM-220	CS-ATBWM-220	5820
4.1.13	25D / 25N	2500/0.2A	CS-ATBWM-225	CS-ATBWM-225	
4.1.14	30S	3200/0.2A	CS-ATBWM-2532	CS-ATBWM-332	8330
4.1.15	30D	3200/0.2A	CS-ATBWM-332	CS-ATBWM-332	
4.1.16	40S / 40D	4000/0.2A	CS-ATBWM-440	CS-ATBWM-440	POR
4.1.17	50C	5000/0.2A	CS-ATBWM-550	CS-ATBWM-554	
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	List Price (₹)
4.2.1		100/5A	CS-ATB-014	CS-ATB-010	3080
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	3150
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	3660
4.2.11	20N/20S	2000/5A	CS-ATB-220	CS-ATB-220	
4.2.12	20D	2000/5A	CS-ATB-220	CS-ATB-220	4150
4.2.13	25D / 25N	2500/5A	CS-ATB-225	CS-ATB-225	
4.2.14	30S	3200/5A	CS-ATB-2532	CS-ATB-332	5400
4.2.15	30D	3200/5A	CS-ATB-332	CS-ATB-332	
4.2.16	40S / 40D	4000/5A	CS-ATB-440	CS-ATB-440	7730
4.2.17	50C	5000/5A	CS-ATB-554	CS-ATB-550	
4.2.18	60C	5000/5A	CS-ATB-664	CS-ATB-660	



## 5. Auxiliary Isolating Contact Assembly

Sl. No.	Description	Reference	List Price (₹)
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)	4130
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)	12650

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	List Price (₹)
6.1	5 way (3NO+2NC)	6D-16D/06N-20S	CS-AXH-3A2B-116	1630
		20D-40D/25N-40S	CS-AXH-3A2B-220	1630
6.2	10 way (5NO+5NC)	6D-16D/08N-20S	CS-AXH-5A5B-116	2450
		20D-40D/25N-40S / 50C-60C	CS-AXH-5A5B-220	2450
6.3	14 way (7NO+7NC)	6D-16D/06N-20S	CS-AXH-7A7B-116	4000
		20D-40D/25N-40S / 50C-60C	CS-AXH-7A7B-220	4000



7. UVT Device				[HSN Code: 8538]
Sl. No.	Description		Reference	List Price (₹)
7.1	Compact UVT Coil	6D-16D/06N-20S	CS-AUH-V-A-**	5610
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	List Price (₹)
8.1	Shunt Trip	6D-16D/06N-20S	CS-AVH-S-116-**	3120
		20D-40D/25N-40S/50C-60C	CS-AVH-S-220-**	
8.2	Closing Coil	6D-16D/06N-20S	CS-AVH-C-116-**	3120
		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	List Price (₹)	20D-40D/25S-40S / 50C-60C Reference	List Price (₹)
9	OCR (Fault) Alarm Switch (for fault indication in ACB with MP & TM release)	ALA-1	950	ALA-2	950
10	Trip Indication Switch (For both manual and Fault indication in ACB)	CS-TIS-1	950	CS-TIS-2	
11	Spring Charged Indication Switch	SCIS-M	1240	SCIS-M2	1240
12	Position Indication Switch (Right side)	ALB-4P-1	3090	ALB-IP-2	3090
13	Position Indication Switch (Left side)	ALB-FR-1-L	3090	ALB-FR-2-L	3090
14	Mechanical operation counter	ASC-1	2860	ASC-2	2860
15	Key Lock (One lock + One key)	AKI-116D	2170	AKI-2D	2170
16	Castle Key Lock-3 Pole	CKI-116 (3P)	6640	CKI-220 (3P)	6640
	Castle Key Lock-4 Pole	CKI-116 (4P)	6640	CKI-220 (4P)	6640
17	Key Interlock (Consisting of 3-Key Locks with 2 Keys (same No.) fitted on 3 ACBs)	AKI-1-1	5900	AKI-1-2	5900
18	Key Interlock (Consisting of 2-Key Locks with 1 Key (same No.) fitted on 2 ACBs)	AKI-2-1	4510	AKI-2-2	4510
19	Short Circuit Contact for Shunting Auxiliary Isolating Contacts when ACB withdrawn	SCC	530	SCC	530
20	Rectifier Unit input 240V AC / output 24V DC, used for Fault LED Retention	CS-ARO-1BMA	3090	CS-ARO-1BMA	3090
21	Mal Insertion Preventor	MIP-NPCIL	POR	MPI-2-NPCL	POR

NOTES: All configurable products are non stockable.



# Air Circuit Breaker

## Spares For "AH / AHA" ACB

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

[HSN Code: 8538]

Sl. No.	Description	Reference	List Price (₹)
22	Power Supply Module	CSPSM-MICROPRO	11720
23	Battery Module for MicroPro 4.1 & 5.1 Release	CS-MPBU4.1.1	11720

Sl. No.	Description	Suitable for ACB frame size / rating					
		6D-16D/ 08N-20S (AHA) Reference		List Price (₹)	20D-25D / 25N-30S Reference		List Price (₹)
		3 Pole	4 Pole				
24	Mechanical Interlock (Fixed Vertical)	MIL-16D3P-VF	MIL-16D4P-VF	10880	MIL-20D3P-VF/4P	MIL-20D4P-VF	11320
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	List Price (₹)
28	Lifter (for all sizes of ACBs)	LIFTER (580x600)*	144220
		LIFTER-SPL (690x570)*	158570
29	Door Interlock		
30.1	Door Interlock 6D-16D / 06N-20S (Right side)	DOOR-INT-116	3190
31	Door Interlock		
31.1	Door Interlock (20D-40D) / 25N-40S (Right side)	DOOR-INT-220	3190

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*	List Price (₹)
32.1	06N-10N	CUADPTR-VC(6D-8D)	1	5850
32.2	10D-12D & 12N	CUADPTR-VC(10D-12D)	1	7210
32.3	16D & 16N-20S	CUADPTR-VC(16D)	1	8640
32.4	20D-25D & 25N	CUADPTR-VC(20D-25D)	1	19040

33. Drawout Mould Base (Cradle Side)				[HSN Code: 8538]
For ACB Rating	Reference	Qty. Required Per Pole*	List Price (₹)	
6D-16D/08N-20S (AHA)	DRMOULD-20S	2	1880	
20D	DRMOULD-20D	2	2240	
25D/30S (AHA)	DRMOULD-25D	2	2640	
30D/40S (AHA)	DRMOULD-30D	1	5300	
40D	DRMOULD-40D	1	5490	
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*	List Price (₹)	
6D-8D / 06N-10N	CS-ARCCONT-08D	1	5930	
10D-12D / 12N	CS-ARCCONT-12D	1	6030	
16D / 16N	CS-ARCCONT-16D	1	6460	
20N (Fixed ACB)	CS-ARCCONT-20N	1	6630	
20N / 20S (Drawout ACB)	CS-ARCCONT-20S	1	6930	
20D	CS-ARCCONT-20D	1	13760	
25D / 25N-30S	CS-ARCCONT-25D	1	13920	
30D/40S	CS-ARCCONT-30D	1	13870	
40D	CS-ARCCONT-40D	1	16510	
50C	CS-ARCCONT-50C	1	POR	
60C	CS-ARCCONT-60C	1	POR	

**NOTES:**

- All configurable products are non stockable.
- \*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	List Price (₹)*
06N-08N / 10N	CS-MIC-08D(50k)	2	11690
10D-12D / 12N	CS-MIC-12D	2	11690
16D / 16N	CS-MIC-16D	2	12210
20N / 20S	CS-MIC-20S	2	15440
20D	CS-MIC-20D	2	27960
25D / 25N-30S	CS-MIC-25D	2	29780
30D / 40S	CS-MIC-30D	2	48130
40D	CS-MIC-40D	2	57740
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*	List Price (₹)
06N-10N	FIXCONT-08N	1	10920
10D-12D / 12N	FIXCONT-10D-12D	1	11290
16D / 16N	FIXCONT-16D	1	15700
20N(AHA)-Fixed type ACB	FIXCONT-20N	1	16050
20N(AHA)-20S Drawout ACB	FIXCONT-20S	1	16360
20D	FIXCONT-20D	1	17000
25D / 25N-30S	FIXCONT-25D	1	28160
30D/40S	FIXCONT-30D	1	66590
40D	FIXCONT-40D	1	67880
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*	List Price (₹)
6D-8D / 06N-10N (AHA)	LWR-TRNL-8D	1	7700
10D-12D / 12N (AHA)	LWR-TRNL-12D	1	8660
16D / 16N (AHA)	LWR-TRNL-16D	1	12010
20N (AHA) (Fixed ACB)	LWR-TRNL-20N	1	13960
20N(AHA) / 20S(AHA) (Drawout ACB)	LWR-TRNL-20S	1	14140
20D	LWR-TRNL-20C-20D	1	22290
25D / 25N-30S (AHA)	LWR-TRNL-25C-25D	1	27150
30D/40S (AHA)	LWR-TRNL-30C-30D	1	40630
40D	LWR-TRNL-40C-40D	1	71540
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*	List Price (₹)
6D-8D / 06N-10N	CS-CKTTML-08N	Horizontal	1	7100
	CS-CKTTML-08N(V)	Vertical	1	10770
10D-12D / 12N	CS-CKTTML-12D	Horizontal	1	10530
	CS-CKTTML-12D(V)	Vertical	1	15770
16D / 16N	CS-CKTTML-16D	Horizontal	1	16870
	CS-CKTTML-16D(V)	Vertical	1	22350
20N/20S	CS-CKTTML-20S	Horizontal	1	16870
	CS-CKTTML-20S(V)	Vertical	1	22350
20D	CS-CKTTML-20D	Horizontal	1	16870
	CS-CKTTML-20D(V)	Vertical	1	22350
25D / 25N, 25D / 25N-30S	CS-CKTTML-25D	Horizontal	1	24790
	CS-CKTTML-25D(V)	Vertical	1	48990
30D / 40S	CS-CKTTML-30D	Vertical	1	49080
40D	CS-CKTTML-40D	Vertical	1	62100
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*	List Price (₹)
6D-8D	MOVMAIN-06D-08D	1	POR
06N-10N	MOVMAIN-08N	1	8290
10D-20D / 12N	MOVMAIN-10D-12D	1	8460
16D / 16N	MOVMAIN-16D	1	12290
20N (AHA)-(Fixed Type ACB)	MOVMAIN-20N	1	13660
20N (AHA)-20S (Drawout Type ACB)	MOVMAIN-20S	1	15150
20D	MOVMAIN-20D	1	16340
25D / 25N-30S	MOVMAIN-25D	1	21440
30D / 40S	MOVMAIN-30D	1	49250
40D	MOVMAIN-40D	1	65740
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	List Price (₹)
40.1	Single Pole unit for 08N-10N	CS-CONDUNIT-8N	24600
40.2	Single Pole unit for 10D / 12D & 12N	CS-CONDUNIT-12D	25670
40.3	Single Pole unit for 16D / 16N	CS-CONDUNIT-16D	31090
40.4	Single Pole unit for 20N (AHA)-F■	CS-CONDUNIT-20N	34900
40.5	Single Pole unit for 20N (AHA)-DO■/20S	CS-CONDUNIT-20S	38570
40.6	Single Pole Unit for 20D	CS-CONDUNIT-20D	47120
40.7	Single Pole Unit for 25D / 25N-30S	CS-CONDUNIT-25D	51100
40.8	Single Pole Unit for 30D/40S	CS-CONDUNIT-30D	102360
40.9	Single Pole Unit for 40D	CS-CONDUNIT-40D	121940
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*	List Price (₹)
6D-16D/06N-20N	CS-ARCCHT-06D-16D	1	4690
20S	CS-ARCCHT-20S	1	6050
20D	CS-ARCCHT-20D	1	6150
25D/30S	CS-ARCCHT-25D	1	7080
30D/40S	CS-ARCCHT-30D	1	15350
40D	CS-ARCCHT-40D	1	16450
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	List Price (₹)	
6D-16D / 06N-20S (AHA)	CS-AMH-1	27620	
20D-40D/30S-40S(AHA)	CS-AMH-2	36000	

43. Control Relay for Charging Motor (110V AC/DC, 220V AC/DC)			[HSN Code: 8538]
For ACB Rating	Reference	List Price (₹)	
6D-16D / 06N-20S (AHA)	CS-AMH-1-AS	3830	
20D-40D / 30S-40S (AHA)	CS-AMH-2-AS	4500	

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	List Price (₹)
43.1	Micro Switch for Motor cut off 6D-40D/06N-40S /50C-60C	MICROSW *	1400
43.2	Anti Pumping Relay 6D-16D/06N-20S, 3P 6D-16D/06N-20S, 4P	CS-ANTPUMPRLY-116** CS-ANTPUMPRLY-116 (4P)	5710
	20D-25D/30S, 3P 20D-25D/30S, 4P	CS-ANTPUMPRLY-220 ** CS-ANTPUMPRLY-220 (4P)	6680
	30D-40D/40S / 50C-60C, 3P 30D-40D/40S / 50C-60C, 4P	CS-ANTPUMPRLY-320** CS-ANTPUMPRLY-320 (4P)	7670
43.3	Manual Charging Handle 6D-16D/06N-20S	MCLHND-6D-16D	4530
43.4	Manual Charging Handle 20D-40D/25N-40S	MCLHND-20D-40D	4920
43.5	Drawout Handle 6D-16D/06N-20S	DRHND-6D-16D	3740
43.6	Drawout Handle 20D-40D/25N-40S	DRHND-20D-40D	4530
43.7	Magnet Hold Trigger 6D-16D/06N-20S, 3P 6D-16D/06N-20S, 4P	CS-MHT-16D	4920
		CS-MHT-16D-4P	5800
43.8	Magnet Hold Trigger 20D-25D / 25N-30S, 3P 20D-25D / 25N-30S, 4P	CS-MHT-20D-25D3P	6390
		CS-MHT-20D-25D4P	7270
43.9	Magnet Hold Trigger 30D-40D/40S (AHA), 3P 50C-60C 3P	CS-MHT-30D-3P	6590
		CS-MHT-40D-60C3P	
43.10	D/O Telescopic Rail (Left) 6D-16D / 06N-20S 20D-25D / 25N-30S 30D-40D /40S	CS-MHT-30D-60C4P	7480
		DRTLRAIL (L)-1 DRTLRAIL (L)-2 DRTLRAIL (L)-3	1780
43.11	D/O Telescopic Rail (Right) 6D-16D / 06N-20S 20D-25D / 25N-30S 30D-40D / 40S	DRTLRAIL (R)-1 DRTLRAIL (R)-2 DRTLRAIL (R)-3	1780

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

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

44. *Auxiliary Isolating Contact Blocks			[HSN Code: 8538]
Description	Reference	List Price (₹)	
Breaker & Cradle Side 12 Way	AIH-BC	6900	

**NOTES:**

- 1) All configurable products are non stockable.
- 2) \*Auxiliary Isolating Contact Blocks has to be order together for Cradle & Breaker side.



# AH / AHA ACB Order Form

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

AH/AHA ACB ORDER FORM																						
Customer Name		Order No & Date			Delivery Date			End User/Panel Builder Name & Phone no.			Qty. (NOS.)											
PRODUCT REFERENCE		AH <input type="checkbox"/>			AHA <input type="checkbox"/>																	
RATING OF ACB REQUIRED	630A <input type="checkbox"/>		800A <input type="checkbox"/>		1000A <input type="checkbox"/>		1250A <input type="checkbox"/>		1600A <input type="checkbox"/>		2000A <input type="checkbox"/>											
	2500A <input type="checkbox"/>		3200A <input type="checkbox"/>		4000A <input type="checkbox"/>		5000A <input type="checkbox"/>		6300A <input type="checkbox"/>													
NO. OF POLES	3 POLE <input type="checkbox"/>			4 POLE <input type="checkbox"/>			BREAKING CAPACITY : AH : D C (Only for 50C & 60C)															
							AHA : N S															
STANDARD CONFIGURATION	MF				EF				MDO		EDO											
	Release				Release				Release		Release											
	Power Supply Module (ac/dc)		Power Supply Module (ac/dc)		Power Supply Module (ac/dc)		Power Supply Module (ac/dc)															
	Aux Switch 4NO + 4NC		Aux Switch 3NO + 4NC		Aux Switch 4NO + 4NC		Aux Switch 4NO + 4NC															
	Main CTs		Main CTs		Main CTs		Main CT s															
			Charging Motor		Safety shutter		Charging Motor															
			Shunt Trip		36 Way Aux Isolating Contacts		Shunt Trip															
			Closing Coil				Closing Coil															
			Anti Pumping Relay				Anti Pumping Relay															
							Safety shutter															
							36 Way Aux Isolating Contacts															
	VOLTAGE RATING	Motor ---->		<table border="1" style="font-size: small;"> <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="font-size: small;"> <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="font-size: small;"> <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="font-size: small;"> <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		
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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		<b>Thermal Magnetic :</b>																	
	MicroPro 3.1 <input type="checkbox"/>		Overload _____ A		Earth Fault : Reqd. <input type="checkbox"/> Not Reqd. <input type="checkbox"/>																	
	MicroPro 4.1 <input type="checkbox"/>		Ground Fault _____ A		CT Rating <input type="checkbox"/> NCT Rating <input type="checkbox"/>																	
	MicroPro 5.1 <input type="checkbox"/>		Short Circuit _____ A		Setting of non-adj. Mag. Inst. Trip _____																	
	Communication Module* (Modbus Protocol) <input type="checkbox"/>		Instantaneous _____ A																			
	Battery Unit* <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 Alaram Switch <input type="checkbox"/>		Mechanical Interlock : Hor. <input type="checkbox"/> Ver. <input type="checkbox"/>																			
<b>Special Requirements, If any</b>																						
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.																					
** (Breaker will be fitted either with Key lock or with Castle key interlock)																						
* (220V AC input is required)																						

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

# B-Type ACB Order Form

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

B TYPE ORDER FORM																																																								
Customer Name	Order No & Date	Delivery Date	End User/Panel Builder Name & Phone	Qty. (NOS.)																																																				
PRODUCT REFERENCE																																																								
RATING OF ACB REQUIRED	630A <input type="checkbox"/> 800A <input type="checkbox"/> 1000A <input type="checkbox"/> 1250A <input type="checkbox"/> 1600A <input type="checkbox"/> 2000A <input type="checkbox"/>																																																							
NO. OF POLES	3 POLE <input type="checkbox"/>		BREAKING CAPACITY : <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/>																																																					
STANDARD CONFIGURATION	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">With Microprocessor Release</td> <td colspan="3">MF</td> </tr> <tr> <td></td> <td colspan="3">Release</td> </tr> <tr> <td></td> <td colspan="3">Power Supply Module (ac/dc)</td> </tr> <tr> <td></td> <td colspan="3">Aux Switch 1NO</td> </tr> <tr> <td></td> <td colspan="3">Main CTs</td> </tr> <tr> <td style="text-align: center;">With Thermal Magnetic Release</td> <td colspan="3">MF</td> </tr> <tr> <td></td> <td colspan="3">Thermal Magnetic Release</td> </tr> <tr> <td></td> <td colspan="3">Aux Switch 1NO</td> </tr> <tr> <td></td> <td colspan="3">Main CTs</td> </tr> <tr> <td></td> <td colspan="3">Shunt Trip</td> </tr> </table> UVT ----> <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20%;">100~130V AC</td><td style="width: 20%;">220~250V AC</td><td style="width: 20%;">380~440V AC</td></tr><tr><td>110V DC</td><td>220V DC</td><td></td></tr></table> Shunt trip coil ----> <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20%;">100~130V AC</td><td style="width: 20%;">220~250V AC</td><td style="width: 20%;">380~440V AC</td></tr><tr><td>24V DC</td><td>48V DC</td><td>110V DC    220V DC</td></tr></table>				With Microprocessor Release	MF				Release				Power Supply Module (ac/dc)				Aux Switch 1NO				Main CTs			With Thermal Magnetic Release	MF				Thermal Magnetic Release				Aux Switch 1NO				Main CTs				Shunt Trip			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
With Microprocessor Release	MF																																																							
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RELEASE	<table style="width:100%;"> <tr> <td style="width: 30%;">Without Release <input type="checkbox"/></td> <td style="width: 30%;">CT Rating _____ A</td> <td style="width: 40%;"></td> </tr> <tr> <td>MicroPro 3.1 <input type="checkbox"/></td> <td>Overload _____ A</td> <td rowspan="5" style="border: 1px solid black; padding: 5px;"> <b>Thermal Magnetic :</b>             Earth Fault : Reqd. <input type="checkbox"/>      Not Reqd. <input type="checkbox"/>             CT Rating <input type="checkbox"/>      NCT Rating <input type="checkbox"/>             Setting of non-adj. Mag. Inst. Trip _____         </td> </tr> <tr> <td>MicroPro 4.1 <input type="checkbox"/></td> <td>Ground Fault _____ A</td> </tr> <tr> <td>MicroPro 5.1 <input type="checkbox"/></td> <td>Short Circuit _____ A</td> </tr> <tr> <td></td> <td>Instantaneous _____ A</td> </tr> <tr> <td></td> <td>Neutral _____ A</td> </tr> </table>				Without Release <input type="checkbox"/>	CT Rating _____ A		MicroPro 3.1 <input type="checkbox"/>	Overload _____ A	<b>Thermal Magnetic :</b>  Earth Fault : Reqd. <input type="checkbox"/> Not Reqd. <input type="checkbox"/>  CT Rating <input type="checkbox"/> NCT Rating <input type="checkbox"/>  Setting of non-adj. Mag. Inst. Trip _____	MicroPro 4.1 <input type="checkbox"/>	Ground Fault _____ A	MicroPro 5.1 <input type="checkbox"/>	Short Circuit _____ A		Instantaneous _____ A		Neutral _____ A																																						
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ACCESSORIES	Trip Ind. Switch <input type="checkbox"/> Mech. Operation Counter <input type="checkbox"/>  Key Lock <input type="checkbox"/>  OCR Alaram Switch <input type="checkbox"/>																																																							
<b>Special Requirements, If any</b>																																																								
NOTES	(1) Neutral CT is required alongwith MicroPro Release having Ground-Fault Protection for 3P ACB, used for 3 phase 3 wire system. This has to be mounted on Earth / NeutralBusbar of Panel. (2) 220V AC Shunt is provided as standard. * (220V AC input is required)																																																							

# WiNbreak1

Moulded Case Circuit Breaker

- Complying to IEC 60947-2
- Unique 'Reserve Trip Assembly'
- Suitable for voltage up to 690V 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

CE RoHS  
Compliant



**WiNbreak1 MCCB**

- Conforms to IS/IEC 60947-2
- Ics=100% Icu
- Range: 16A-400A, 3 & 4 Pole
- Breaking capacity: 25kA, 36kA, 50kA
- 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 10In						[HSN Code: 8536]
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	16, 20, 25, 32, 40, 50	25kA	CSE1M125FMU3P-*	6690	CSE1M125FMU4P-*	8400
	16, 20, 25, 32, 40, 50	36kA	CSE1NN125FMU3P-*	8510	CSE1NN125FMU4P-*	10380

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	List Price (₹)	4 Pole Reference	List Price (₹)	
Frame 1	63, 80, 100	25kA	CSE1M125ATM3P-*	8080	CSE1M125ATM4P-*	9200	
	125		CSE1M125ATM3P-*	9000	CSE1M125ATM4P-*	10740	
Frame 2	160		CSE2M250ATM3P-*	13020	CSE2M250ATM4P-*	15740	
	200		CSE2M250ATM3P-*	14710	CSE2M250ATM4P-*	17930	
	250		CSE2M250ATM3P-*	18300	CSE2M250ATM4P-*	22040	
Frame 3	320		CSE3M400ATM3P-*	27520	CSE3M400ATM4P-*	32150	
	350		CSE3M400ATM3P-*	27520	CSE3M400ATM4P-*	32150	
	400		CSE3M400ATM3P-*	27930	CSE3M400ATM4P-*	33940	
Frame 1	63, 80, 100		36kA	CSE1NN125ATM3P-*	8600	CSE1NN125ATM4P-*	11380
	125			CSE1NN125ATM3P-*	10490	CSE1NN125ATM4P-*	12360
Frame 2	160			CSE2NN250ATM3P-*	14290	CSE2NN250ATM4P-*	18170
	200			CSE2NN250ATM3P-*	16510	CSE2NN250ATM4P-*	19390
	250	#CSE2SX250ATM3P-*		21060	#CSE2SX250ATM4P-*	25130	
Frame 3	320	CSE3N400ATM3P-*		27710	CSE3N400ATM4P-*	31920	
	350	CSE3N400ATM3P-*		27710	CSE3N400ATM4P-*	32500	
	400	CSE3N400ATM3P-*		28080	CSE3N400ATM4P-*	34310	
Frame 1	63, 80, 100	50kA		CSE1S125ATM3P-*	11330	CSE1S125ATM4P-*	14930
	125			CSE1S125ATM3P-*	11920	CSE1S125ATM4P-*	14930
Frame 2	160			CSE2S250ATM3P-*	16680	CSE2S250ATM4P-*	22510
	200			CSE2S250ATM3P-*	22670	CSE2S250ATM4P-*	28680
	250			CSE2S250ATM3P-*	22670	CSE2S250ATM4P-*	28680
Frame 3	320			CSE3S400ATM3P-*	29240	CSE3S400ATM4P-*	33800
	350			CSE3S400ATM3P-*	29240	CSE3S400ATM4P-*	33800
	400			CSE3S400ATM3P-*	30420	CSE3S400ATM4P-*	34870

- NOTES :**
1. #Icu 50kA(Ics=75% Icu)
  2. While Ordering, Replace "\*" by Current Rating.
  3. For spreader terminals reference code & List Price, please refer page no. 32



## WiNbreak1 MCCB

### Microprocessor Release 'MicroPro WB'

- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 40A-400A, 3P & 4P
- Breaking capacity: 36kA & 50kA
- 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
- LCD: Indication of measurement and 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	List Price (₹)	4 Pole - Reference	List Price (₹)	
Frame 1	16-40	36kA	CSE1NN125ETM3P-40A	19700	CSE1NN125ETM4P-40A	23170	
	25-63		CSE1NN125ETM3P-63A	19700	CSE1NN125ETM4P-63A	23170	
	40-100		CSE1NN125ETM3P-100A	20880	CSE1NN125ETM4P-100A	24320	
	50-125		CSE1NN125ETM3P-125A	21560	CSE1NN125ETM4P-125A	26520	
Frame 2	63-160		CSE2NN250ETM3P-160A	24730	CSE2NN250ETM4P-160A	29070	
	80-200		CSE2NN250ETM3P-200A	29380	CSE2NN250ETM4P-200A	36120	
	100-250		#CSE2SX250ETM3P-250A	30250	#CSE2SX250ETM4P-250A	38580	
Frame 3	160-400		CSE3N400ETM3P-400A	41720	CSE3N400ETM4P-400A	52040	
ETM (with in-built Earth fault Protection) ● Adjustable Overload 40-100% ● Adjustable shortcircuit 2~12 Ir ● Ics=100%Icu [HSN Code: 8536]							
Size	Release Range (A)		Breaking Capacity Icu at 415V AC	3 Pole - Reference	List Price (₹)	4 Pole - Reference	List Price (₹)
Frame 1	16-40		50kA	CSE1S125ETM3P-40A	21810	CSE1S125ETM4P-40A	24350
	25-63			CSE1S125ETM3P-63A	21810	CSE1S125ETM4P-63A	24350
	40-100	CSE1S125ETM3P-100A		21810	CSE1S125ETM4P-100A	24350	
	50-125	CSE1S125ETM3P-125A		22320	CSE1S125ETM4P-125A	29330	
Frame 2	63-160	CSE2S250ETM3P-160A		27790	CSE2S250ETM4P-160A	34460	
	80-200	CSE2S250ETM3P-200A		29200	CSE2S250ETM4P-200A	36400	
	100-250	CSE2S250ETM3P-250A		29920	CSE2S250ETM4P-250A	43680	
Frame 3	160-400	CSE3S400ETM3P-400A		45860	CSE3S400ETM4P-400A	58580	

- NOTE:**
1. #Icu 50kA(Ics=75% Icu)
  2. While ordering, Replace "\*" with Current rating
  3. For spreader terminals reference code & List Price, please refer page no. 32
  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 33.



**WiNbreak1 MCCB - Frame 'S'**

- Conforms to IS/IEC 60947-2
- Ics=100%Icu (for 10kA & 18kA)
- 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*						
Size	Rating Range (A)	Breaking Capacity Icu at 415V AC	3 Pole - Reference	List Price (₹)	4 Pole - Reference	List Price (₹)
Frame 'S'	16, 20, 25, 32, 40, 50,	10kA	CSESK125FMU3P-*A	2880	CSESK125FMU4P-*A	3260
	63, 80, 100A		CSESK125FMU3P-*A	3470	CSESK125FMU4P-*A	4630
	125A		CSESK125FMU3P-*A	3780	CSESK125FMU4P-*A	4820
	16, 20, 25, 32, 40, 50,	18kA	CSESL125FMU3P-*A	4400	CSESL125FMU4P-*A	5500
	63, 80, 100A		CSESL125FMU3P-*A	4520	CSESL125FMU4P-*A	5980
	125A		CSESL125FMU3P-*A	4840	CSESL125FMU4P-*A	6150
	16, 20, 25, 32, 40, 50	25kA*	CSESMX125FMU3P-*A	5050	CSESMX125FMU4P-*A	6140
	63, 80, 100A		CSESMX125FMU3P-*A	5250	CSESMX125FMU4P-*A	6460
	125A		CSESMX125FMU3P-*A	5510	CSESMX125FMU4P-*A	6710

**NOTES :**

1. While Ordering, Replace "\*" by Current Rating.
2. \* Ics=75%Icu
3. For accessories please refer page No. 32
4. Frame 'S' MCCB with box type terminal is also available on request.
5. \*From 63-125A



## WiNbreak1 MCCB

### Single Pole

- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 16A-160A
- Breaking capacity: 10kA, 18kA, 25kA & 36kA
- Standard packing includes Spreader terminals, insulating phase barrier & hardware

FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit				[HSN Code: 8536]
Size	Breaking Capacity Icu at 240V AC	Rating (A)	Reference	List Price (₹)
Frame 1	18kA	16, 20, 25, 32, 40, 50, 63#	CSE1K160FTM1P-*	1370
		80, 100	CSE1K160FTM1P-*	1430
		125	CSE1K160FTM1P-*	1630
		160	CSE1K160FTM1P-*	1860

#### NOTE:

1. While Ordering, Replace "\*" by Current Rating.
2. Spreader Terminals are not included for MCCBs upto 63A.
3. Also available in 10kA, 25kA & 36kA. For price, please contact nearest Branch Office.

## MCCB for Motor Protection

- Confirms to Is/IEC 60947-2
- Ics=100% Icu
- Range 20A-400A
- 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	List Price (₹)
Frame-1	50kA	20	CSE1S125FMTU3P-20A	8030
		32	CSE1S125FMTU3P-32A	
		50	CSE1S125FMTU3P-50A	
		63	CSE1S125MTU3P-63A	8170
		100	CSE1S125MTU3P-100A	
		125	CSE1S125MTU3P-125A	
Frame-2	50kA	160	CSE2S250MTU3P-160A	13380
		200	CSE2S250MTU3P-200A	17340
		220	CSE2S250MTU3P-220A	21560
		250	CSE2S250MTU3P-250A	
Frame-3	50kA	320	CSE3S400MTU3P-320A	25650
		350	CSE3S400MTU3P-350A	
		400A	CSE3S400MTU3P-400A	

Accessories										[HSN Code: 8538]
Suitable for use on WB1 MCCBs	Shunt Trip (SHT)	List Price (₹)	Under Voltage Trip (UVT)	List Price (₹)	Auxiliary Switch (AX)	List Price (₹)	Alarm Switch (AL)	List Price (₹)	Combination Switch (AX+AL)	List Price (₹)
CSES	-	-	-	-	AXWS-L	990	ALWS-L	1050	XLWS-L	1880
CSE1	STW1-(...V)	2210	UVTW1-(...V)	3830	AXW1-*	1150	ALW1-*	1150	XLW1-*	2730
CSE2							ALW1-2*	1150	XLW1-2*	2730
CSE3	STW1-3(...V)	3270	UVTW1-3(...V)	4460	AXW1-3	1460	ALW1-3*	1460	XLW1-3*	3270

**NOTE:**

- Please replace "\*" with L as MCCB Left hand side position & R as MCCB right hand position
- Maximum Possibilities for Internal Accessories
  - 3 Pole, MCCB with Thermal Release, Any two accessories can be fitted at one time
  - 4 Pole, MCCB with Thermal Release, Any Three accessories can be fitted at one time
  - 3 Pole, MCCB with Microprocessor Release, Right hand seat is not available. Hence, one accessory can be fitted at one time
  - 4 Pole, MCCB with Microprocessor Release, Any two accessories can be fitted at one time
  - Alarm & combination switch can be fitted in left hand seat only on CSE3-4P Microprocessor Release MCCB
  - UVT can be fitted only in left hand seat
  - 3 & 4 Pole, CSES MCCB can have Shunttrip fitment only in Right Side pocket
- For AUX, AL & UVT please contact to nearest Branch Office.
- For Shunt Trip of Frame S MCCB, Pls contact to Nearest Branch Office

Voltage Selection UVT & Shunt			
Size	AC	DC	AC / DC Common
<b>UVT</b>			
Frame 1 & 2	220V, 415V	24V, 48V, 110V, 220V	-
Frame 3	220V, 415V		220V
<b>Shunt</b>			
Frame 1 & 2	220V, 415V	24V, 48V, 110V, 220V	-
Frame 3	220V, 415V		24V, 48V, 110V



Extended Rotary Handle			[HSN Code: 8538]
Suitable for use on WB1 MCCBs	Reference	List Price (₹)	
CSES	EHW1-0T-125	2060	
CSE1	EHW1-125	2290	
CSE2	EHW1-250	2700	
CSE3	EHW1-400	3230	

Panel Door Mounted Key Lock for Extended Rotary Handle			[HSN Code: 8538]
Suitable for use on WB1 MCCBs	Reference Code	List Price (₹)	
CSE1	EXTKLWB1-125AF-T1	3740	
CSE2	EXTKLWB1-250AF-T1	3740	
CSE3	EXTKLWB1-400AF-T1	4390	



Mechanical Interlock					[HSN Code: 8538]
Suitable for use on WB1 MCCBs	Applied between two MCCBs				
	Reference 3 Pole	List Price (₹)	Reference 4 Pole	List Price (₹)	
CSE1	MIW1-125-3P	2670	MIW1-125-4P	3310	
CSE2	MIW1-250-3P	2910	MIW1-250-4P	3440	



Locking Devices*					[HSN Code: 8538]
Suitable for use on MCCBs	Key Lock*		Padlocking		
	Reference	List Price (₹)	Reference	List Price (₹)	
CSE1	KLW1-125	1490	PLW1-125	1560	
CSE2	KLW1-250	1620	PLW1-250	1730	



Spreader Terminals for WB1 MCCB						[HSN Code: 8538]
Suitable for use on MCCBs	Current Rating (A)	Reference	List Price (₹)	MOQ		
CSES	3 Pole	16, 20, 25, 32, 40, 50, 63, 80, 90, 100, 125	CSET0033	170	Set of 3	
	4 Pole		CSET0044	260	Set of 4	
CSE1	3 Pole	15, 20, 32, 40, 50, 63	CSET1033	170	Set of 3	
CSE1	3 Pole	80, 100, 125	CSET1033C	220	Set of 3	
CSE1	4 Pole	15, 20, 32, 40, 50, 63	CSET1044	280	Set of 4	
CSE1	4 Pole	80, 100, 125	CSET1044C	300	Set of 4	
CSE2	3 Pole	160, 200, 250	CSET2033	420	Set of 3	
CSE2	4 Pole	160, 200, 250	CSET2044	630	Set of 4	
CSE3	3 Pole	320, 350, 400	CSET3033	1400	Set of 3	
CSE3	4 Pole	320, 350, 400	CSET3044	1850	Set of 4	



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	List Price (₹)
32A	3.2-32A	EFR-CBCT125-AF-32	6300
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	6710
200A	20-200A	EFR-CBCT250-AF-200	7500
250A	25-250A	EFR-CBCT250-AF-250	
400A	40-400A	EFR-CBCT400-AF-400	
630A	63-630A	EFR-CBCT630-AF-630	8680
800A	80-800A	EFR-CBCT800-AF-800	13390
1000A	100-1000A	EFR-CBCT1250-AF-1000	
1250A	125-1250A	EFR-CBCT1250-AF-1250	

Earth Fault Relay (with NCT) Suitable for 3 Phase 4 wire distribution network			[HSN Code: 8538]
Rating (Amps)	Earth Fault Relay Setting Range	Reference	List Price (₹)
40A	4-40A	EFR125-AF-40(N)	5840
100A	10-100A	EFR125-AF-100(N)	
125A	12.5-125A	EFR125-AF-125(N)	
200A	20-200A	EFR250-AF-200	6200
250A	25-250A	EFR250-AF-250	
400A	40-400A	EFR400-AF-400	
630A	63-630A	EFR630-AF-630	7960
800A	80-800A	EFR800-AF-800	
1000A	100-1000A	EFR1250-AF-1000	
1250A	125-1250A	EFR1250-AF-1250	13140

NCT WiBreak1 ETM (Microprocessor) 3 Pole MCCB if ground fault facility is required			[HSN Code: 8538]
Rating (Amps)	Description	Reference	List Price (₹)
40	40/0.1A	ETMNCT40A	1920
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	
200	200/0.1A	ETMNCT200A	2690
250	250/0.1A	ETMNCT250A	
400	400/0.1A	ETMNCT400A	



SS Enclosure for WB1 MCCBs			[HSN Code: 8538]
Size	Suitable for WB1 MCCBs	Reference	List Price (₹)
Frame1	CSE1	CSE-ENCL-125-3P	2130
Frame1	CSE1	CSE-ENCL-125-4P	

**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.

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

# WiNbreak2

An Absolute solution for power distribution

**Conforms to IS/IEC 60947-2**

**Ics =100% Icu**

**Icw =25kA / 1s**

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

**Breaking capacity : 50kA, 70kA & 150kA**

**Ui : 1000V**

**Uimp : 8kV**

**DC MCCB suitable for DC application upto 1000V DC**



**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 <span style="float: right;">[HSN Code: 8536]</span>						
Size	Release Range (A)	Breaking Capacity @ 415VAC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
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	

List Price Changes for MCCB with high end release w.r.t "Intelligent release - N Type" <span style="float: right;">[HSN Code: 8536]</span>	
Release	List Price (₹)
Intelligent release - A Type*	ADD
Intelligent release - P Type*	ADD
Intelligent release - S Type*	ADD

**Note :** Standard packing includes insulating phase barriers and Hardwares.

Internal Accessories <span style="float: right;">[HSN Code: 8538]</span>										
WB2 MCCBs	Shunt Trip (SHT)	List Price (₹)	Under Voltage Trip (UVT)	List Price (₹)	Auxiliary Switch (AX)	List Price (₹)	Alarm Switch (AL)	List Price (₹)	Fault Alarm Switch (FAL)*	List Price (₹)
CS1000-1600	SHT5-T(...V)	POR	UVT5-T(...V)	POR	AX5-T	POR	AL5-T	POR	FAL5-T	POR

Voltage Selection UVT & Shunt <span style="float: right;">[HSN Code: 8538]</span>			
Size	AC	DC	AC / DC Common
<b>UVT</b>			
Frame 5	48V, 380-480V	24-30V, 48-60V	100-130V, 200-250V
<b>Shunt</b>			
Frame 5	48V, 380-480V	24-30V, 48-60V	100-130V, 200-250V

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

Mechanical Interlock <span style="float: right;">[HSN Code: 8538]</span>				
WB2 MCCBs	Applied between two MCCBs			
	3 Pole		4 Pole	
	Reference	List Price (₹)	Reference	List Price (₹)
CS1000-1600	MIT53	POR	MIT54	POR

Padlocking Device <span style="float: right;">[HSN Code: 8538]</span>				
WB2 MCCBs	Fixed Lock		Removable Lock	
	Reference	List Price (₹)	Reference	List Price (₹)
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 hardware



FMU (Thermal Magnetic) Release ● Adjustable Overload 80-100% ● Fixed short circuit 10 In [HSN Code: 8536]						
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	16, 20, 25, 32, 40, 50, 63	50kA	☒ CD100NFMU*3P	12870	☒ CD100NFMU*4P	15960
	80, 100		CD100NFMU*3P	12990	CD100NFMU*4P	16100
Frame 3	300, 400	65kA	☒ CS400NFMU*3P	42780	CS400NFMU*4P	54600
	500, 630		*CS630NFMU*3P	48870	CS630NFMU*4P	59070
Frame 4	800	65kA	☒ CS800NFMU*3P	63130	CS800NFMU*4P	84480

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	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 2	125	50kA	CS160NATU*3P	20020	☒ CS160NATU*4P	25320
	160		☒ CS160NATU*3P	24660	☒ CS160NATU*4P	31990
	200		☒ CS250NATU*3P	29660	☒ CS250NATU*4P	37960
	250		CS250NATU*3P	34060	CS250NATU*4P	45630
Frame 3	300, 400	65kA	*CS400NATU*3P	43690	*CS400NATU*4P	58220
	500, 630		*CS630NATU*3P	51920	*CS630NATU*4P	63390
Frame 4	800	65kA	☒ CS800NATU*3P	70830	CS800NATU*4P	87820

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	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 2	40	50kA	CS160NETS*3P	32900	☒ CS160NETS*4P	41140
	80, 160		CS160NETS*3P	33350	☒ CS160NETS*4P	41150
	250		CS250NETS*3P	40570	☒ CS250NETS*4P	51610
Frame 3	400	65kA	CS400NETS*3P	44950	☒ CS400NETS*4P	67130
	630		☒ CS630NETS*3P	51610	☒ CS630NETS*4P	79040
Frame 4	800	65kA	☒ CS800NETS*3P	76200	CS800NETS*4P	97230

☒ 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	List Price (₹)	4 Pole Reference	List Price (₹)	
Frame 3	160	65kA	☒CS400NETM33160A3PE	74110	CS400NETM33160A4PE	88840	
	250		CS400NETM33250A3PE	74110	CS400NETM33250A4PE	88840	
	400		CS400NETM33400A3PE	74280	CS400NETM33400A4PE	95950	
	630		☒CS630NETM33630A3PE	89450	CS630NETM33630A4PE	106470	
Frame 4	800	65kA	☒CS800NETM43800A3PE	125110	☒CS800NETM43800A4PE	156390	

**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 & List Price Please refer page 38.
- MCCB with Ammeter, ZSI & communication feature is also available. For reference & List Price 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)	List Price (₹)	Under Voltage Trip (UVT)	List Price (₹)	Auxiliary Switch (AX)	List Price (₹)	Alarm Switch (AL)	List Price (₹)	Fault Alarm Switch (FAL)*	List Price (₹)	
CD100-CS800	ST-T(..V)	3880	UVT-T(..V)	5290	AX-T	1680	AL-T	1680	FAL-T	1680	

**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
<b>UVT</b>			
Frame 1/2/3/4	380-440V, 440-480V	-	24V, 48V, 110-130V, 200-240VAC / 250VDC
<b>Shunt</b>			
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	List Price (₹)	Direct Rotary Handle with Keylock	List Price (₹)	Extended Rotary Handle	List Price (₹)	
CD100	☒DH1-S	2090	☒DHK1-S	5520	EH1-S	3150	
CS160, CS250	☒DH2-S	2280	☒DHK2-S	5800	EH2-S	4190	
CS400, CS630	☒DH3-S	4470	☒DHK3-S	6070	EH3-S	5870	
CS800	☒DH4-S	5340	☒DHK4-S	6330	EH4-S	6930	

Mechanical Interlock (Used to prevent mechanically closing together)					[HSN Code: 8538]
Suitable for use on WB2 MCCBs	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)	
CD100	MIT13	9960	MIT14	10450	
CS160, CS250	MIT23	12130	MIT24	12560	
CS400, CS630	MIT33	12870	MIT34	13220	
CS800	MIT43	13790	MIT44	14070	

☒non stockable items.

**WiNbreak2 MCCB**


Motor Operator - For remote "ON/OFF" operation only			[HSN Code: 8538]
Suitable for MCCB Type	Control Voltage	Reference	List Price (₹)
CD100	<input checked="" type="checkbox"/> 24V DC	MOP1(..V)	23910
	<input checked="" type="checkbox"/> AC100~240V/DC100~220V		
CS160, CS250	<input checked="" type="checkbox"/> 24V DC	MOP2(..V)	32450
	<input checked="" type="checkbox"/> AC110V/DC110V		
	AC230V/DC220V		
CS400, CS630	<input checked="" type="checkbox"/> 24V DC	MOP3(..V)	50150
	<input checked="" type="checkbox"/> AC110V/DC110V		
	AC230V/DC220V		
CS800	<input checked="" type="checkbox"/> 24V DC	MOP4(..V)	60480
	<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	List Price (₹)
	Reference	List Price (₹)	Reference	List Price (₹)		
CD100	<input checked="" type="checkbox"/> PHL 1	1710	<input checked="" type="checkbox"/> PL 1	980		
CS160, CS250	<input checked="" type="checkbox"/> PHL 2	1880	<input checked="" type="checkbox"/> PL 2	1280		
CS400, CS630	<input checked="" type="checkbox"/> PHL 3	3030	<input checked="" type="checkbox"/> PL 3	1560		
CS800	<input checked="" type="checkbox"/> PHL 4	3060	<input checked="" type="checkbox"/> PL 4	1620		



Base for Plug-in MCCB			[HSN Code: 8538]
Suitable for use on WB2 MCCBs	Reference (for 3 Pole)	List Price (₹)	
CD100	<input checked="" type="checkbox"/> PB13	19570	
CS160, CS250	<input checked="" type="checkbox"/> PB23	24300	
CS400, CS630	<input checked="" type="checkbox"/> PB33	38980	
CS800	<input checked="" type="checkbox"/> PB43	97550	

NCT for WiNbreak2 ETM-Microprocessor (3 Pole MCCB if ground fault facility is required)			[HSN Code: 8538]
Description	Reference	List Price (₹)	
160/0.1A	<input checked="" type="checkbox"/> NCT-WB2-016	6910	
250/0.1A	<input checked="" type="checkbox"/> NCT-WB2-025	7060	
400/0.1A	<input checked="" type="checkbox"/> NCT-WB2-040	7590	
630/0.1A	<input checked="" type="checkbox"/> NCT-WB2-063	8170	
800/0.1A	NCT-WB2-080	8700	

Panel Door Mounted Key Lock for Extended Rotary Handle			[HSN Code: 8538]
Suitable for WB2 MCCBs	Reference	List Price (₹)	
CD100, CS160, CS250	<input checked="" type="checkbox"/> EXTKLWB2-250AF-T1	3010	
<input checked="" type="checkbox"/> non stockable items.			

**ACE 2 MCCB**

- Conforms to IS/IEC 60947-2
- Ics = 100% Icu
- Range : 16A-1250A , 3P & 4P
- Breaking capacity : 36kA , 50kA & 70kA
- Positive Isolation
- Trip free mechanism
- Double contact structure
- No Line-load Bias
- Wide range of internal & external accessories
- Standard packing includes spreaders terminals, insulating phase barrier and hardware



Microprocessor Release ●LSIN protection ●Adjustable Overload 40~100% ●Neutral Protection 50% to 100%						[HSN Code: 8536]
Size	Rated Current (Amps)	Breaking Capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 2	160	36kA	☒CSCN250EM*3P	29160	CSCN250EM*4P	36820
	200		CSCN250EM*3P	34660	☒CSCN250EM*4P	43730
	250		☒CSCN250EM*3P	35450	☒CSCN250EM*4P	44720
	160	50kA	☒CSCS250EM*3P	31470	CSCS250EM*4P	39330
	200		☒CSCS250EM*3P	35970	☒CSCS250EM*4P	54990
	250		☒CSCS250EM*3P	36450	☒CSCS250EM*4P	55430
Frame 3	315, 350, 400	50kA	*CSCS400EM*3P	44910	*CSCS400EM*4P	59360
	500, 630		CSCS630EM*3P	49190	☒CSCS630EM*4P	63470
Frame 2	160	70kA	CSCH250EM*3P	32770	☒CSCH250EM*4P	44660
	200		☒CSCH250EM*3P	44410	CSCH250EM*4P	54990
	250		☒CSCH250EM*3P	44440	☒CSCH250EM*4P	55430
Frame 3	315, 350, 400	70kA	*CSCH400EM*3P	47640	*CSCH400EM*4P	62350
	500, 630		CSCH630EM*3P	53200	☒CSCH630EM*4P	66510

**Note :** For rating 40A to 125A please contact nearest Branch Office.

Microprocessor Release●LSIN protection●Adjustable Overload 40~100%●Neutral Protection 50% to 100%●Ics=50% Icu						[HSN Code: 8536]
Size	Rated Current (Amps)	Breaking Capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 4	700, 800■	50kA	CSCS800EM*3P	128440	*CSCS800EM*4P	148350
	1000■		☒CSCS1250EM*3P	152200	☒CSCS1250EM*4P	167410
	1250■		☒CSCS1250EM*3P	164740	☒CSCS1250EM*4P	183690
Frame 4	700, 800■	70kA	CSCH800EM*3P	128510	*CSCH800EM*4P	149050
	1000■		CSCH1250EM*3P	153200	CSCH1250EM*4P	180930
	1250■		☒CSCH1250EM*3P	179740	CSCH1250EM*4P	226170

**Notes :**

1. While Ordering, Replace "\*" by Current Rating
2. Spreader Terminal are not included for MCCBs upto 63A
3. ■ Spreader Terminal are not included, for reference & List Price, please refer page no. 40.

☒non stockable items.

\*Rated Current (Amp) 315, 400 for 3 Pole & 315, 350, 400, 800 for 4 Pole are non stockable items.

**ACE 2 MCCB**

FMU (Thermal Magnetic) Release • Adjustable Overload 80-100% • Fixed short circuit 10In						[HSN Code: 8536]
Size	Rated Current (Amps)	Breaking Capacity Icu at 415V AC	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	16, 20, 25, 32, 40, 50, 63	36kA	*CSCN125TM*3P	11430	CSCN125TM*4P	14200
	80, 100		☒CSCN125TM*3P	11470	*CSCN125TM*4P	14500
	125		CSCN125TM*3P	13520	☒CSCN125TM*4P	16290
Frame 1	16, 20, 25, 32, 40, 50, 63	50kA	*CSCS125TM*3P	11570	*CSCS125TM*4P	15220
	80, 100		☒CSCS125TM*3P	12220	☒CSCS125TM*4P	15760
	125		☒CSCS125TM*3P	17290	☒CSCS125TM*4P	21590
Frame-1	16, 20, 25, 32, 40, 50, 63A	70kA	CSCH125TM*3P	16650	CSCH125TM*4P	22010
	80, 100A		CSCH125TM*3P	16650	CSCH125TM*4P	22730
	125A		CSCH125TM*3P	17080	CSCH125TM*4P	23450

# Spreader Terminal are not included for MCCBs upto 63A

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	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 2	160	36kA	☒CSCN250TM*3P	17780	☒CSCN250TM*4P	22060
	200		☒CSCN250TM*3P	19660	☒CSCN250TM*4P	23770
	250		☒CSCN250TM*3P	24180	☒CSCN250TM*4P	29720
Frame 3	315, 400	36kA	CSCN400TM*3P	40340	CSCN400TM*4P	49530
Frame 2	160	50kA	☒CSCS250TM*3P	21360	☒CSCS250TM*4P	26470
	200		☒CSCS250TM*3P	27760	CSCS250TM*4P	34720
	250		☒CSCS250TM*3P	32410	☒CSCS250TM*4P	40140
Frame 3	315, 400	50kA	☒CSCS400TM*3P	41040	☒CSCS400TM*4P	50740
Frame-2	160A	70kA	CSCH250TM*3P	24180	CSCH250TM*4P	32290
	200A		CSCH250TM*3P	26790	CSCH250TM*4P	33740
	250A		CSCH250TM*3P	27510	CSCH250TM*4P	35480
Frame-3	315, 400A		CSCH400TM*3P	48940	CSCH400TM*4P	52120

**Accessories**


Spreader Terminals					[HSN Code: 8538]
Suitable for use on MCCBs	Pole	Reference	List Price (₹)	MOQ	
CSCS / CSCH 800EM CSCS / CSCH 1250EM	3 Pole	CSCET6063	10620	Set of 3	
CSCS / CSCH 800EM CSCS / CSCH 1250EM	4 Pole	CSCET6114	15470	Set of 4	



Extended Rotary Handle					[HSN Code: 8538]
Size	Suitable for use on ACE2 MCCBs	3 Pole Reference	4 Pole Reference	List Price (₹)	
Frame 1	CSCN / CSCS 125TM	EC-55	EC-19	3640	
Frame 2	CSCN / CSCS 250TM CSCN / CSCS / CSCH 125EM CSCN / CSCS / CSCH 250EM	EC-56	EC-20	4500	
Frame 3	CSCN / CSCS 400TM CSCS / CSCH 400EM CSCS / CSCH 630EM	EC-57	EC-57	6050	
Frame 4	CSCS / CSCH 800EM CSCS / CSCH 1250EM	EC-58	EC-58	9080	

☒ non stockable items. MOQ-Minimum Order Quantity.

**FMU**-\*Rated Current (Amp) 16, 25, 32, 63 for 3 Pole & 32, 63 for 4 Pole are non stockable items.

**ATU**-\*Rated Current (Amp) 400 for 3 Pole & 4 Pole are non stockable items.

**ACE2 MCCB**

Internal Accessories			[HSN Code: 8538]
Description	Suitable for use on ACE2 MCCBs	Reference	List Price (₹)
Aux Switch (AX)	CSCN / CSCS / CSCH	AXC	1430
Alarm Switch (AL)#	CSCN / CSCS / CSCH	ALC	1600

# Not applicable for MCCB above 630A

Motor Operator				[HSN Code: 8538]
Suitable for MCCB Type	Control Voltage	Reference	List Price (₹)	
CSCS/ CSCN 125TM	AC230/DC220	MOPC-88	31250	
	☒AC380	MOPC-87		
CSCN 250EM, CSCS 250EM, CSCN 250TM CSCS 250TM, CSCH 250EM	AC230/DC220	MOPC-89	34960	
	☒AC380	MOPC-85		
CSCS 400TM, CSCS400/ 630 EM, CSCH400/ 630 EM	AC230/DC220	MOPC-90	69620	
	☒AC380	MOPC-86		
CSCS 800/ 1250 EM, CSCH 800/ 1250 EM	☒AC380	MOPC-92	97920	
	AC230/DC220	MOPC-91	97210	

Description	Suitable for use on ACE2 MCCBs	Reference				List Price (₹)
		220V AC	☒380/415V AC	☒24V DC	☒110V DC	
Shunt Release (SHT)	CSCN / CSCS 125TM	STC92	STC95	STC98	-	2810
	CSCN / CSCS 250TM CSCN / CSCS 400TM CSCN / CSCS / CSCH 250EM CSCS / CSCH 400EM CSCS / CSCH 630EM	STC93	STC96	STC99	-	3150
	CSCS / CSCH 800EM CSCS / CSCH 1250EM	STC94	STC97	STC00	STC01	6300
Under Voltage Trip (UVT)	CSCN / CSCS 125TM	UVTC02	UVTC05	-	-	4250
	CSCN / CSCS 250TM CSCN / CSCS 400TM CSCN / CSCS / CSCH 250EM CSCS / CSCH 400EM CSCS / CSCH 630EM	UVTC03	UVTC06	-	-	4600
	CSCS / CSCH 800EM CSCS / CSCH 1250EM	UVTC04	UVTC07	-	-	12570

Maximum Possibilities of Internal Accessories				
Description	Accessory	CSC*125 / CSC*250	CSC*400 / CSC*630	CSC*800 / CSC*1250
(Left)	AX	1	3	3
	AL	1	-	-
	UVT or SHT	1	1	1
(Right)	AX	1	-	-
	AX or AL	-	1	1

☒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	List Price (₹)	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	10, 16, 20, 25, 30, 32, 40, 50, 60, 63□	10kA	<input checked="" type="checkbox"/> CS2A2c*	2630	CS2A3c*	3020	CS2A4c*	4150
	75		CS2A2c*	2740	CS2A3c*	3120	<input checked="" type="checkbox"/> CS2A4c*	4300
	80		CS2A2c*	2740	<input checked="" type="checkbox"/> CS2A3c*	3120	CS2A4c*	4300
	100		CS2A2c*	2740	CS2A3c*	3120	CS2A4c*	4300
	125		-	-	CS2A3c*	4800	CS2A4c*	6350
Frame 2	16, 20, 25, 30, 32, 40, 50, 60, 63	25kA	CS2B2c*	5760	CS2B3c*	6470	CS2B4c*	7880
	75, 80, 100		CS2B2c*	5840	CS2B3c*	6670	CS2B4c*	8060
Frame 3	125, 140, 160#	18kA	-	-	*CS3A3c*	10120	CS3A4c*	13350
	200		CS3A2*	10010	CS3A3c*	11030	CS3A4c*	14420
	250		<input checked="" type="checkbox"/> CS3A2*	10910	<input checked="" type="checkbox"/> CS3A3c*	12330	CS3A4c*	15350
	125, 140, 160#	25kA	-	-	CS3B3c*	11750	CS3B4c*	15270
	200		<input checked="" type="checkbox"/> CS3B2*	13150	CS3B3c*	13580	<input checked="" type="checkbox"/> CS3B4c*	17640
	250		CS3B2*	17560	<input checked="" type="checkbox"/> CS3B3c*	18450	<input checked="" type="checkbox"/> CS3B4c*	23040

### 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	List Price (₹)
Frame 1	CS2A	<input checked="" type="checkbox"/> CS-CNM0100020	<input checked="" type="checkbox"/> CS-CNM0100020	3510
Frame 2	CS2B	CS-CNM0100021	CS-CNM0100021	3540
Frame 3	CS3A, CS3B	CS-CNM0100021	CS-CNM0100021	3540

### NOTES:

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



**WiNbreak MCCB - CSC Series**

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



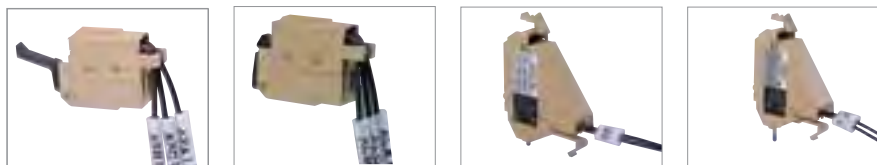
FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit								[HSN Code: 8536]
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	2 Pole Reference	List Price (₹)	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 1	15, 20, 30, 40, 50	18kA	CSC1S2*	4620	-	-	-	-
	60, 75, 100		CSC2N2*	4680	-	-	-	
Frame 3	150, 175	26kA	CSC4N2*	11150	-	-	-	-
	200		CSC4N2*	12570	-	-	-	
	250		CSC4N2*	16430	-	-	-	
Frame 2	15, 20, 30, 40, 50, 60	37kA	☒CSC3S2*	6110	-	-	-	-
	75, 100		☒CSC3S2*	6140	-	-	-	
	125		CSC3S2*	6300	-	-	-	
Frame 5	500, 630	-	-	-	CSC6N3*	39050	CSC6N4*	44910
	700, 800		-	-	CSC6N3*	53410	☒CSC6N4*	63780
Frame 4	300◆	65kA	-	-	CSC5H3*	38380	☒CSC5H4*	46820
	350, 400◆		-	-	☒CSC5H3*	39610	☒CSC5H4*	48320
Frame 5	500, 630	-	-	-	☒CSC6S3*	40020	☒CSC6S4*	51070
	700, 800		-	-	CSC6S3*	57870	CSC6S4*	73250
Frame 4	300◆	85kA	-	-	☒CSC5L3*	49160	CSC5L4*	68930
	350, 400◆		-	-	CSC5L3*	50440	☒CSC5L4*	70370
Frame 5	500, 630	-	-	-	CSC6L3*	72160	☒CSC6L4*	90300
	700, 800		-	-	CSC6L3*	123210	CSC6L4*	138600

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	List Price (₹)	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)
Frame 6	1000◆	65kA	-	-	CSC7S3*	146550	☒CSC7S4*	183450
	1200◆		-	-	CSC8S3*	155790	CSC8S4*	185830
Frame 6	1000◆	85kA	-	-	CSC7L3*	187260	CSC7L4*	224360
	1200◆		-	-	CSC8L3*	217880	CSC8L4*	262230

**NOTES :**

1. While Ordering, Replace "\*" by Current rating.
2. ◆Spreader Terminals are included as standard packing.
3. For Spreader Terminals reference & List Price, please refer page 44.
4. ☒non stockable items.

WiNbreak MCCB - CSC Series



Accessories										[HSN Code: 8538]
Suitable for use on WB-CSC MCCBs	Shunt Trip (SHT)	List Price (₹)	Under Voltage Trip (UVT)	List Price (₹)	Auxiliary Switch (AX)	List Price (₹)	Alarm Switch (AL)	List Price (₹)	Combination Switch (AX + AL)	List Price (₹)
CSC1, CSC2, CSC3, CSC4	STC(...V)	1900	UVTC-(...V)	2220	AXWC-(*)	1200	ALWC-(*)	1200	XLC-(*)	2670
CSC5, CSC6	ST-6A(...V)	2530	UVT-6A(...V)	3090	ASW-6A	2410	ALSW-6A	2410	-	-
CSC7, CSC8	ST-7A(...V)	12410	UVT-7A(...V)	12410	ASW-7A	4390	ALSW-7A	4190	-	-



Rotary Handle							[HSN Code: 8538]
Suitable for use on WB-CSC MCCBs	Direct Rotary Handle	List Price (₹)	Direct Rotary Handle with Key Lock	List Price (₹)	Extended Rotary Handle	List Price (₹)	
CSC1, CSC2	DHC100	2330	☒ DHCK100	5150	CSE-35S■	1430	
					EHC100	3950	
CSC3	DHC125	2410	☒ DHCK125	5310	CSE-45S■	1430	
					EHC125	4180	
CSC4	DHC250	2850	☒ DHCK250	5610	EHC250	4620	
CSC5	N70S	3310	-	-	E70U	5370	
CSC6	-	-	-	-	E80U	5970	

- Notes:**
- Please replace "\*" with R as MCCB left hand side position & T as MCCB right hand position.
  - Left Hand seat is not available in 2 Pole MCCB in Frame 1 & Frame 2
  - Rotary Handle for 2 Pole Frame 1 & Frame 2 is not available.
  - 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	List Price (₹)	3P Reference	List Price (₹)	4P Reference	List Price (₹)
CSC1, CSC2	TCS12	430	TCS13	560	TCS14	620
CSC3	TCS22	450	TCS23	800	TCS24	920
CSC4	TCS33	940	TCS33	940	TCS34	1050



Mechanical Interlock [HSN Code: 8538]				
Suitable for use on MCCBs	Applied between two MCCBs			
	Reference 3 Pole	List Price (₹)	Reference 4 Pole	List Price (₹)
CSC5	MI43S	5490	MI44S	6840
CSC6	MI83S	6840	MI84S	8070



Spreader Terminals [HSN Code: 8538]						
Suitable for use on MCCBs	Pole	Current Rating (A)	Reference	List Price (₹)	MOQ	
CSC1, CSC2, CSC3	2 Pole	15, 20, 30, 40, 50, 60	CSET1022	130	Set of 3	
CSC1, CSC2, CSC3		75, 100, 125	CSET1022C	150	Set of 3	
CSC1, CSC2, CSC3	3 Pole	15, 20, 30, 40, 50, 60	CSET1033	170	Set of 3	
CSC1, CSC2, CSC3		75, 100, 125	CSET1033C	220	Set of 3	
CSC1, CSC2, CSC3	4 Pole	15, 20, 30, 40, 50, 60	CSET1044	280	Set of 4	
CSC1, CSC2, CSC3		75, 100, 125	CSET1044C	300	Set of 4	
CSC4	2 Pole	150, 175, 200, 250	CSET2022	290	Set of 3	
CSC4	3 Pole	150, 175, 200, 250	CSET2033	420	Set of 3	
CSC4	4 Pole	150, 175, 200, 250	CSET2044	630	Set of 4	
CSC5	3 Pole	300, 350, 400	CSET4033	3040	Set of 3	
CSC5	4 Pole	300, 350, 400	CSET4044	3070	Set of 4	
CSC6	3 Pole	500, 630, 700, 800	CSET8033	3010	Set of 3	
CSC6	4 Pole	500, 630, 700, 800	CSET8044	3660	Set of 4	



SS Enclosure for WB MCCB [HSN Code: 8538]				
Size	Suitable for use on MCCBs	3 Pole Reference*	4 Pole Reference*	List Price (₹)
Frame 1	CSC1, CSC2	☒CS-CNM0100020	-	3510
Frame 2	CSC3	CS-CNM0100021	-	3540
Frame 3	CSC4	CS-CNM0100021	-	3540
Frame 4	CSC5	☒ENCL-250-400AF3	☒ENCL-250-400AF4	5490
Frame 5	CSC6	☒CS-CNM0100203	-	9210
Frame 6	CSC7, CSC8	☒CS-CNM0100204	-	10270

**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 Disconnector Fuse Unit

## Switch Disconnector Fuse Unit (without Fuse Links)

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



[HSN Code: 8537]

Size	Rating Amps	Pole	CSSDF in Open Execution				CSSDF in Sheet Steel Enclosure				Recommended Fuse Links Type (IEC Size)		
			Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)	DIN	BS	
			DIN		BS		DIN		BS				
Frame 1	32A	2P	CSSDF32D2	1940	CSSDF32B2	2080						CDFL00 32	CTIA-32 (A2)
		TP	CSSDF32D3	2320	CSSDF32B3	2220	❑ E-CSSDF32D3	4650	E-CSSDF32B3	4740			
		TPN	CSSDF32D3N	2340	CSSDF32B3N	2310	E-CSSDF32D3N	4740	E-CSSDF32B3N	4780			
		4P	❑ CSSDF32D4FN	3010	❑ CSSDF32B4FN	3020	E-CSSDF32D4FN	5260	❑ E-CSSDF32B4FN	5340			
Frame 1	63A	2P	CSSDF63D2	2900	CSSDF63B2	2910						CDFL00 63	CTIS-63 (A3)
		TP	CSSDF63D3	3110	CSSDF63B3	3130	❑ E-CSSDF63D3	5490	E-CSSDF63B3	5230			
		TPN	CSSDF63D3N	3280	CSSDF63B3N	3300	E-CSSDF63D3N	5890	E-CSSDF63B3N	5970			
		4P	CSSDF63D4FN	3840	CSSDF63B4FN	3850	E-CSSDF63D4FN	6180	❑ E-CSSDF63B4FN	6200			
Frame 2	100A	2P	CSSDF100D2	6000	CSSDF100B2	6210						CDFL00 100	CTCP-100(A4)
		TP	CSSDF100D3	6880	CSSDF100B3	6900	E-CSSDF100D3	9210	E-CSSDF100B3	9540			
		TPN	CSSDF100D3N	7250	CSSDF100B3N	7270	E-CSSDF100D3N	10070	E-CSSDF100B3N	10160			
		4P	CSSDF100D4FN	8620	❑ CSSDF100B4FN	8950	E-CSSDF100D4FN	11120	❑ E-CSSDF100B4FN	11600			
Frame 2	125A	2P	CSSDF125D2	6160	CSSDF125B2	6360						CDFL00 125	CTCP-125(A4)
		TP	CSSDF125D3	7350	❑ CSSDF125B3	7720	❑ E-CSSDF125D3	11250	E-CSSDF125B3	10420			
		TPN	CSSDF125D3N	7750	CSSDF125B3N	7780	E-CSSDF125D3N	11700	E-CSSDF125B3N	11740			
		4P	CSSDF125D4FN	9540	CSSDF125B4FN	9800	❑ E-CSSDF125D4FN	11990	❑ E-CSSDF125B4FN	12450			
Frame 2	160A	2P	❑ CSSDF160D2	7680	CSSDF160B2	7880						CDFL00 160	CTF-160 (B2)
		TP	CSSDF160D3	9500	❑ CSSDF160B3	8950	E-CSSDF160D3	11950	E-CSSDF160B3	12090			
		TPN	CSSDF160D3N	9320	CSSDF160B3N	9420	E-CSSDF160D3N	12860	❑ E-CSSDF160B3N	13090			
		4P	❑ CSSDF160D4FN	11170	❑ CSSDF160B4FN	12250	E-CSSDF160D4FN	15990	E-CSSDF160B4FN	17650			
Frame 3	200A	2P	CSSDF200D2	9330	CSSDF200B2	9810						CDFL1 200 / CSDFL1 200	CTF-200 (B2)
		TP	CSSDF200D3	10280	❑ CSSDF200B3	10590	❑ E-CSSDF200D3	13760	E-CSSDF200B3	13500			
		TPN	CSSDF200D3N	11760	CSSDF200B3N	11730	E-CSSDF200D3N	14640	E-CSSDF200B3N	15830			
		4P	CSSDF200D4FN	12990	CSSDF200B4FN	13950	❑ E-CSSDF200D4FN	17220	E-CSSDF200B4FN	18120			
Frame 3	250A	2P	CSSDF250D2	10250	❑ CSSDF250B2	10910						CDFL1 250/ CSDFL1 250	CTKF(B3)
		TP	CSSDF250D3	12670	CSSDF250B3	12590	❑ E-CSSDF250D3	15980	E-CSSDF250B3	15570			
		TPN	CSSDF250D3N	13040	CSSDF250B3N	13240	E-CSSDF250D3N	17610	E-CSSDF250B3N	17750			
		4P	CSSDF250D4FN	14890	CSSDF250B4FN	15210	❑ E-CSSDF250D4FN	19350	E-CSSDF250B4FN	19780			
Frame 3	315A	2P	CSSDF315D2	12450	CSSDF315B2	13060						CDFL2 315/ CSDFL2 315	CTKF-315(B3)
		TP	CSSDF315D3	15910	CSSDF315B3	16110	E-CSSDF315D3	19890	E-CSSDF315B3	21150			
		TPN	CSSDF315D3N	16750	CSSDF315B3N	16960	E-CSSDF315D3N	21930	E-CSSDF315B3N	22220			
		4P	CSSDF315D4FN	19920	CSSDF315B4FN	21540	❑ E-CSSDF315D4FN	26320	E-CSSDF315B4FN	28420			
Frame 3	400A	2P	❑ CSSDF400D2	17940	CSSDF400B2	16660						CDFL2 400/ CSDFL2 400	CTMF-400(B4)
		TP	CSSDF400D3	19680	❑ CSSDF400B3	20000	❑ E-CSSDF400D3	24300	E-CSSDF400B3	24980			
		TPN	CSSDF400D3N	20620	CSSDF400B3N	21050	E-CSSDF400D3N	25990	E-CSSDF400B3N	26510			
		4P	CSSDF400D4FN	23110	CSSDF400B4FN	25460	❑ E-CSSDF400D4FN	27740	E-CSSDF400B4FN	30560			
Frame 4	630A	2P	CSSDF630D2	27160	❑ CSSDF630B2	24200						CDFL3 630	CTTM-630(C2)
		TP	CSSDF630D3	32380	❑ CSSDF630B3	34800	E-CSSDF630D3	35770	E-CSSDF630B3	38980			
		TPN	CSSDF630D3N	34100	CSSDF630B3N	35890	E-CSSDF630D3N	39280	❑ E-CSSDF630B3N	41400			
		4P	CSSDF630D4FN	37860	CSSDF630B4FN	40310	❑ E-CSSDF630D4FN	45820	E-CSSDF630B4FN	48750			
Frame 4	800A	2P	CSSDF800D2	35660	CSSDF800B2	33740						-	CTLM-800(C3)
		TP	❑ CSSDF800D3	39490	CSSDF800B3	41330	E-CSSDF800D3	POR	E-CSSDF800B3	POR			
		TPN	CSSDF800D3N	41580	CSSDF800B3N	43680	❑ E-CSSDF800D3N	POR	❑ E-CSSDF800B3N	POR			
		4P	❑ CSSDF800D4FN	47720	CSSDF800B4FN	49790	E-CSSDF800D4FN	POR	E-CSSDF800B4FN	POR			

❑ non stockable items.

# Switch Disconnecter Fuse Unit

## Accessories Switch Disconnecter Fuse Unit



Key Interlocks (3 Locks - 2 Keys)		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
CSSDF 32A - 160A	☒CSSDFZW-16	4220
CSSDF 200A - 800A	CSSDFZW-5	4740



Castle Key Locks		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
CSSDF 32A - 160A	CSSDFZW-15	5410
CSSDF 200A - 800A	CSSDFZW-4	5690



Auxiliary Contacts		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
1 NO + 1 NC CSSDF 32A - 63A for 3P	CSSDFZX46	720
2 NO + 2 NC CSSDF 32A - 63A for 3P	CSSDFZX32	1330
1 NO + 1 NC CSSDF 32A - 63A for 2P & 4P	CSSDFZX46B	720
2 NO + 2 NC CSSDF 32A - 63A for 2P & 4P	☒CSSDFZX32B	1330
1 NO + 1 NC CSSDF 100A - 160A	CSSDFZX1	720
2 NO + 2 NC CSSDF 100A - 160A	☒CSSDFZX16	1330
1 NO + 1 NC CSSDF 200A - 400A	CSSDFZX33	870
2 NO + 2 NC CSSDF 200A - 400A	CSSDFZX34	1610
1 NO + 1 NC CSSDF 630A - 800A	CSSDFZX35	870
2 NO + 2 NC CSSDF 630A - 800A	☒CSSDFZX36	1330



Handle Mounting Kit (for independent mounting of O/E Switches)		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
CSSDF 200A - 400A	HMK-1-2	1840
CSSDF 630A - 800A	HMK-3-2	1940



Extended Terminals							[HSN Code: 8538]
For Switch Type	TPN	ET-323	480	4P	ET-324	570	
32A-63A	TPN	ET-323	480	4P	ET-324	570	
100A-160A	TPN	ET-327	1190	4P	ET-328	1690	
200A-400A	TPN	ET-329	3470	4P	ET-330	4220	



Spare Handle		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
CSSDF 32A-160A (Moulded)	CSWH80S6	760
CSSDF 200A-400A (Moulded)	CSWH145S12	1310
CSSDF 630A-800A (Moulded)	CSWH220S12	1660



Spare Handle Shaft		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
CSSDF 32A-160A	CSP6x165	340
CSSDF 200A-800A	CSP12x255	590



Spare Neutral Links		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
CSSDF 32A-63A	CSSDFZX87	460
CSSDF 100A-160A	CSSDFZX86	560
CSSDF 200A-400A	CSSDFZX85	960
CSSDF 630A-800A	☒CSSDFZX88	1100

Spare Poles (Price per Pole)			[HSN Code: 8538]
Rating (Amps)	Reference		List Price (₹)
	DIN	BS	
32	☒CSSDF-SP-32D	CSSDF-SP-32B	1300
63	CSSDF-SP-63D	CSSDF-SP-63B	1630
100	CSSDF-SP-100D	CSSDF-SP-100B	3160
125	☒CSSDF-SP-125D	CSSDF-SP-125B	3450
160	☒CSSDF-SP-160D	CSSDF-SP-160B	4040
200	☒CSSDF-SP-200D	CSSDF-SP-200B	4680
250	CSSDF-SP-250D	CSSDF-SP-250B	6390
315	CSSDF-SP-315D	CSSDF-SP-315B	7150
400	☒CSSDF-SP-400D	CSSDF-SP-400B	9190
630	☒CSSDF-SP-630D	CSSDF-SP-630B	13070
800	CSSDF-SP-800D	☒CSSDF-SP-800B	15930

☒ non stockable items.



## Switch Disconnectors (Load Break Switches)

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



[HSN Code: 8536]

Size	Rating Amps	Pole	CSSD In Open Execution		In Sheet Steel Enclosure	
			Reference	List Price (₹)	Reference	List Price (₹)
D-Series	25	3	CSSD25D3	1820	☒E-CSSD25D3	3790
		4	☒CSSD25D4	2300	E-CSSD25D4	4130
	40	3	CSSD40D3	1860	E-CSSD40D3	4460
		4	CSSD40D4	3620	☒E-CSSD40D4	4770
	63	3	CSSD63K3	2800	☒E-CSSD63K3	5270
	63	4	CSSD63D4	3950	☒E-CSSD63D4	6250
NM-Series	125	3	CSSD125D3	6250	E-CSSD125D3	8730
		4	CSSD125D4	7600	☒E-CSSD125D4	9700
	125	3	CSSD125NM3	6510	E-CSSD125NM3	9620
		4	CSSD125NM4	8020	E-CSSD125NM4	11870
	160	3	☒CSSD160NM3	7260	E-CSSD160NM3	10740
		4	☒CSSD160NM4	8640	E-CSSD160NM4	12800
200	3	☒CSSD200NM3	9270	E-CSSD200NM3	12040	
	4	CSSD200NM4	12020	E-CSSD200NM4	15630	
250	3	CSSD250NM3	9380	E-CSSD250NM3	13880	
	4	CSSD250NM4	13010	☒E-CSSD250NM4	19270	
☠ Frame 2	315	3	CSSD315NM3	12220	E-CSSD315NM3	POR
		4	CSSD315NM4	13190	E-CSSD315NM4	
☠ Frame 2	400	3	CSSD400NM3	14650	E-CSSD400NM3	
		4	CSSD400NM4	17770	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 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	List Price (₹)	Reference	List Price (₹)	
DM-Series	Frame 4	125	3	CSSD125DM3	7300	E-CSSD125DM3	9850
		4	CSSD125DM4	9040	☒E-CSSD125DM4	12200	
	Frame 5	160	3	CSSD160DM3	8160	E-CSSD160DM3	11030
		4	CSSD160DM4	9830	E-CSSD160DM4	13260	
	Frame 5	200	3	CSSD200DM3	10440	E-CSSD200DM3	14080
		4	CSSD200DM4	13560	E-CSSD200DM4	18300	
	Frame 5	250	3	CSSD250DM3	12340	E-CSSD250DM3	16630
		4	CSSD250DM4	14410	E-CSSD250DM4	19450	
	Frame 5	315	3	CSSD315DM3	15160	E-CSSD315DM3	18190
		4	CSSD315DM4	17630	E-CSSD315DM4	21150	
	Frame 5	400	3	CSSD400DM3	17980	E-CSSD400DM3	21560
		4	CSSD400DM4	20910	E-CSSD400DM4	25070	
K-Series	Frame 6	630	3	CSSD630K3	26530	E-CSSD630K3	30790
		4	CSSD630K4	30850	E-CSSD630K4	35780	
	Frame 6	800	3	CSSD800K3	31050	E-CSSD800K3	36020
		4	CSSD800K4	36110	E-CSSD800K4	43330	
P-Series	Frame 7	1000	3	☒CSSD1000P3	38670	E-CSSD1000P3	57230
		4	CSSD1000P4	51530	E-CSSD1000P4	76580	
	Frame 7	1250	3	☒CSSD1250P3	52470	E-CSSD1250P3	71350
		4	☒CSSD1250P4	69040	E-CSSD1250P4	93860	
	Frame 7	1600	3	☒CSSD1600P3	65710	E-CSSD1600P3	89360
		4	☒CSSD1600P4	87600	E-CSSD1600P4	119140	
	Frame 8	2000	3	CSSD2000P3	131470	E-CSSD2000P3	169610
		4	CSSD2000P4	149360	E-CSSD2000P4	192720	
	Frame 8	2500	3	CSSD2500P3	147050	E-CSSD2500P3	188230
		4	CSSD2500P4	167120	E-CSSD2500P4	213910	
	Frame 8	3150	3	CSSD3150P3	185580	E-CSSD3150P3	252420
		4	CSSD3150P4	210880	E-CSSD3150P4	293130	

☒ 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 Disconnectors (Moulded construction)



Accessories		[HSN Code: 8538]									
For Switch Type	Reference	List Price (₹)									
<b>Key Interlocks (3 Locks - 2 Keys)</b>											
CSSD 125A-160A	CSSDZW - 16	5670									
CSSD 200A-3150A	CSSDZW - 5										
<b>Castle Key Locks</b>		[HSN Code: 8538]									
CSSD 25A-160A	CSSDZW - 15	4780									
CSSD 200A-3150A	CSSDZW - 4										
<b>Auxiliary Contacts</b>		[HSN Code: 8538]									
1NO+1NC CSSD 25A-40A	3	<input checked="" type="checkbox"/>	CSSDZX49	750							
2NO+2NC CSSD 25A-40A	3	<input checked="" type="checkbox"/>	CSSDZX50	1400							
1NO+1NC CSSD 25A-40A	4		CSSDZX87	750							
2NO+2NC CSSD 25A-40A	4	<input checked="" type="checkbox"/>	CSSDZX88	1400							
1NO+1NC CSSD 63A	3	<input checked="" type="checkbox"/>	CSSDZX79	750							
2NO+2NC CSSD 63A	3	<input checked="" type="checkbox"/>	CSSDZX80	1400							
1NO+1NC CSSD 125A	3	<input checked="" type="checkbox"/>	CSSDZX52	750							
2NO+2NC CSSD 125A	3	<input checked="" type="checkbox"/>	CSSDZX53	1400							
1NO+1NC CSSD 63A-125A	4	<input checked="" type="checkbox"/>	CSSDZX55	750							
2NO+2NC CSSD 63A-125A	4	<input checked="" type="checkbox"/>	CSSDZX56	1400							
1NO+1NC CSSD 125A-160A (DM)	3/4	<input checked="" type="checkbox"/>	CSSDZX1	1400							
2NO+2NC CSSD 125A-160A (DM)	3/4		CSSDZX16								
1NO+1NC CSSD 200A-400A (DM)	3/4		CSSDZX37								
2NO+2NC CSSD 200A-400A (DM)	3/4		CSSDZX38								
1NO+1NC CSSD 630A-800A	3/4	<input checked="" type="checkbox"/>	CSSDZX33								
2NO+2NC CSSD 630A-800A	3/4	<input checked="" type="checkbox"/>	CSSDZX34								
1NO+1NC CSSD 1000A-3150A	3/4		CSSDZX35								
2NO+2NC CSSD 1000A-3150A	3/4	<input checked="" type="checkbox"/>	CSSDZX36								
<b>Handle Mounting Kit (for independent mounting of O/E Switches)</b>		[HSN Code: 8538]									
CSSD 200A-400A (Compact Series)	HMK-2	1850									
CSSD 630A-800A	HMK-1-1	1870									
CSSD 1000A-1600A	HMK-3-1	2000									
<b>Extended Terminals</b>		[HSN Code: 8538]									
125A	TPN	ET-325	660	4P	ET-326	720					
100A-160A	TPN	ET-327	1190	4P	ET-328	1690					
200A-400A	TPN	ET-329	3470	4P	ET-330	4220					
<b>Rotary Knob Handles</b>		[HSN Code: 8538]									
CSSD 25A-125A (Moulded-Red/Yellow)	<input checked="" type="checkbox"/>	CSSDZX108	460								
CSSD 25A-125A (Moulded-Black)		CSSDZX111BL									
<b>Switch Handles</b>		[HSN Code: 8538]									
CSSD 200A-800A (Moulded)	CSWH145S12		1310								
CSSD 1000A-1600A (Moulded)	CSWH220S12		1660								
CSSD 2500A-3150A (Metallic)	CSDA8		1960								
CSSD 125A-160A (Moulded)	CSWH80S6		760								
CSSD 200A-315A (Moulded)	<input checked="" type="checkbox"/>	CSWH80S8									
<b>Switch Handle Shaft</b>		[HSN Code: 8538]									
CSSD 25A-125A	<input checked="" type="checkbox"/>	CSP5X70	510								
CSSD 125A-160A (DM)	CAP6X165		340								
CSSD 200A-400A (DM)	<input checked="" type="checkbox"/>	CSP8X240									
CSSD 630A-1600A	CSP12X255		590								
CSSD 2500A-3150A	CSP12X325		710								
<b>Switch Poles (Price per Pole)</b>		[HSN Code: 8538]									
125A	CSSD-SP-125DM		1790								
160A	CSSD-SP-160DM		1790								
200A	<input checked="" type="checkbox"/>	CSSD-SP200DM	2380								
250A	<input checked="" type="checkbox"/>	CSSD-SP250DM	3190								
315A	<input checked="" type="checkbox"/>	CSSD-SP315DM	4640								
400A	<input checked="" type="checkbox"/>	CSSD-SP400DM	8940								
630A	CSSD-SP630K		10250								
800A	<input checked="" type="checkbox"/>	CSSD-SP800K	13510								
1000A	CSSD-SP1000P		20500								
1250A	CSSD-SP1250P		24450								
1600A	CSSD-SP1600P		25680								

non stockable items.

## 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	List Price (₹)
NM-Series	Frame 1	63	4	CSCS63NM4CO	6470
	Frame 1	100	4	CSCS100NM4CO	8580
	Frame 2	125	4	CSCS125NM4CO	12840
	Frame 2	160	4	CSCS160NM4CO	14110
	Frame 2	200	4	CSCS200NM4CO	16980
	Frame 2	250	4	CSCS250NM4CO	20770
DM-Series	Frame 2	315	4	CSCS315DM4CO	27220
	Frame 2	400	4	CSCS400DM4CO	39510
K-Series	Frame 3	630	4	CSCS630K4CO	46990
	Frame 3	800	4	CSCS800K4CO	68160
P-Series	Frame 4	1000	4	☒CSCS1000P4CO	115250
	Frame 4	1250	4	☒CSCS1250P4CO	153180
	Frame 4	1600	4	☒CSCS1600P4CO	211480
	Frame 5	2000	4	☒CSCS2000P4CO	277810
	Frame 5	2500	4	☒CSCS2500P4CO	361460
	Frame 5	3150	4	☒CSCS3150P4CO	498150

☒ 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

In Sheet Steel Enclosure [HSN Code: 8536]					
	Size	Rating (Amps)	Pole	Reference	List Price (₹)
NM-Series	Frame 1	63	4	E-CSCS63NM4CO	9030
	Frame 1	100	4	E-CSCS100NM4CO	11660
	Frame 2	125	4	E-CSCS125NM4CO	17340
	Frame 2	160	4	E-CSCS160NM4CO	18880
	Frame 2	200	4	E-CSCS200NM4CO	21840
	Frame 2	250	4	E-CSCS250NM4CO	27140
DM-Series	Frame 2	315	4	E-CSCS315DM4CO	33180
	Frame 2	400	4	E-CSCS400DM4CO	49320
K-Series	Frame 3	630	4	E-CSCS630K4CO	56790
	Frame 3	800	4	E-CSCS800K4CO	81680
P-Series	Frame 4	1000	4	☒E-CSCS1000P4CO	141170
	Frame 4	1250	4	☒E-CSCS1250P4CO	182320
	Frame 4	1600	4	☒E-CSCS1600P4CO	245890
	Frame 5	2000	4	☒E-CSCS2000P4CO	338920
	Frame 5	2500	4	☒E-CSCS2500P4CO	433670
	Frame 5	3150	4	☒E-CSCS3150P4CO	587820

ACCESSORIES [HSN Code: 8538]		
Auxiliary Contacts for NM Type Changeover		
Description	Reference	List Price (₹)
1NO +1NC for 63-100A	CSCONM1AUX10	640
1NO +1NC for 125-250A	CSCONM2AUX10	

Direct handle Mounting Kit for NM Type Changeover [HSN Code: 8538]		
Rating (Amps)	Reference	List Price (₹)
63-100A	☒CSCONM1HMB	510
125-250A	☒CSCONM2HMB	640

Switch Handle Shaft for NM Type Changeover [HSN Code: 8538]		
Rating (Amps)	Reference	List Price (₹)
63-100A	☒CSPNM18X80	360
125-250A	CSPNM28X110	480

Handle Sub Assembly for NM Type Changeover [HSN Code: 8538]		
Rating (Amps)	Reference	List Price (₹)
63-100A	CSCONM1H80S8	710
125-250A	☒CSCONM2H145S8	1030

## Switch Disconnecter Fuse Changeover (without Fuse Link)

LT Switch Disconnecter Fuse Changeover complete with Handle Assembly having Door Interlock and Padlocking arrangement.



4 Pole in Open Execution [HSN Code: 8536]				
Size	Rating (Amps)	Reference	List Price (₹)	Recommended Fuse Links Type (IEC Size) BS
Frame 1	125	CSCF125B4CO	18260	CTF-125(B2)
	160	☒CSCF160B4CO	19590	CTF-160(B2)
Frame 2	200	CSCF200B4CO	33080	CTF-200(B2)
	250	CSCF250B4CO	33380	CTKF-250(B3)
	315	☒CSCF315B4CO	34460	CTKF-315(B3)
	400	CSCF400B4CO	49480	CTMF-400(B4)
Frame 3	630	CSCF630B4CO	58190	CTTM-630(C2)
	800	CSCF800B4CO	71530	CTLTM-800(C3)

4 Pole in Sheet Steel Enclosure [HSN Code: 8536]				
Size	Rating (Amps)	Reference	List Price (₹)	Recommended Fuse Links Type (IEC Size) BS
Frame 1	125	☒E-CSCF125B4CO	23240	CTF-125(B2)
	160	E-CSCF160B4CO	25410	CTF-160(B2)
Frame 2	200	E-CSCF200B4CO	40020	CTF-200(B2)
	250	☒E-CSCF250B4CO	40710	CTKF-250(B3)
	315	☒E-CSCF315B4CO	42170	CTKF-315(B3)
	400	E-CSCF400B4CO	61650	CTMF-400(B4)
Frame 3	630	E-CSCF630B4CO	70320	CTTM-630(C2)
	800	E-CSCF800B4CO	80820	CTLTM-800(C3)

☒ non stockable items.

## Bypass Switches

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

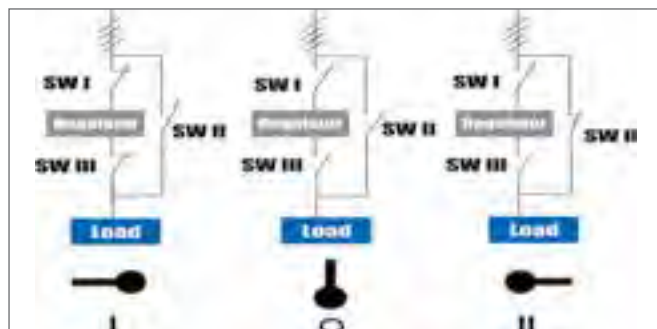
In Open Execution				[HSN Code: 8536]
Size	Rating (Amps)	Pole	Reference	List Price (₹)
Frame 1	63	4	CSBS63DM4	18710
	80	4	CSBS80DM4	20170
	100	4	CSBS100DM4	21190
	125	4	CSBS125DM4	23000
	160	4	CSBS160DM4	27140
Frame 2	200	4	CSBS200DM4	29280
	250	4	CSBS250DM4	42560
	315	4	CSBS315DM4	44180
	400	4	CSBS400K4	66280
Frame 3	630	4	CSBS630K4	75300
	800	4	☒CSBS800K4	96650
Frame 4	1000	4	☒CSBS1000P4	174630
	1250	4	☒CSBS1250P4	239840
	1600	4	☒CSBS1600P4	321800

In Sheet Steel Enclosure				[HSN Code: 8536]
Size	Rating (Amps)	Pole	Reference	List Price (₹)
Frame 1	63	4	☒E-CSBS63DM4	23510
	80	4	E-CSBS80DM4	25170
	100	4	☒E-CSBS100DM4	25830
	125	4	☒E-CSBS125DM4	29430
	160	4	☒E-CSBS160DM4	31770
Frame 2	200	4	☒E-CSBS200DM4	35920
	250	4	☒E-CSBS250DM4	51640
	315	4	E-CSBS315DM4	55240
	400	4	E-CSBS400K4	77300
Frame 3	630	4	E-CSBS630K4	88370
	800	4	☒E-CSBS800K4	130920
Frame 4	1000	4	☒E-CSBS1000P4	215650
	1250	4	☒E-CSBS1250P4	291130
	1600	4	☒E-CSBS1600P4	385100

**NOTES:**

'K' series from 1000A to 1600A is also available on special request for retrofit orders only. For price, please contact nearest Branch Office.  
Door interlock & Pad locking arrangements is 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 By Pass 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	List Price (₹)
1NO+1NC	CSCS/CSBS 63A-160A Upper CSCF 125A-160A	1	<input checked="" type="checkbox"/> CSCSZX1-U	690
1NO+1NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	<input checked="" type="checkbox"/> CSCSZX1-L	690
2NO+2NC	CSCS/CSBS 63A-160A Upper CSCF 125A-160A	1	<input checked="" type="checkbox"/> CSCSZX3-U	1350
2NO+2NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	CSCSZX3-L	1350
1NO+1NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSZX2	1400
2NO+2NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSZX4	2710

**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	List Price (₹)	
63	CSCS/CSBS	CSSD-SP-63DM	1550	
80	CSCS/CSBS	CSSD-SP-80DM	1590	
100	CSCS/CSBS	CSSD-SP-100DM	1720	
125	CSCS/CSBS/CSCF	CSSD-SP-125DM	1790	
160	CSCS/CSBS/CSCF	CSSD-SP-160DM	1790	
200	CSCS/CSBS/CSCF	CSSD-SP200DM	2380	
250	CSCS/CSBS/CSCF	CSSD-SP250DM	3190	
315	CSCS/CSBS/CSCF	CSSD-SP315DM	4640	
400	CSCS/CSBS/CSCF	CSCS-SP400DM	8930	
630	CSCS/CSBS/CSCF	CSCS-SP630K	10130	
800	CSCS/CSBS/CSCF	CSCS-SP800K	13480	
1000	CSCS/CSBS	<input checked="" type="checkbox"/> CSCS-SP1000P	20280	
1250	CSCS/CSBS	<input checked="" type="checkbox"/> CSCS-SP1250P	25390	
1600	CSCS/CSBS	<input checked="" type="checkbox"/> CSCS-SP1600P	29230	

**Notes:** for one changeover of 4 pole, 8 Nos of sparepoles are required.

Spare Handle			[HSN Code: 8538]
Rating (Amps)	Reference	List Price (₹)	
CSCS/CSBS 63-315A/CSCF125-315A	CCOH145S8	1390	
CSCS/CSBS 400A-1600A/CSCF400-800A	CCOH220S12	1410	
CSCS 2000A-3150A (Metallic)	CSDA6	1610	

Spare Handle Shaft			[HSN Code: 8538]
Type	Reference	List Price (₹)	
CSCS 63-315A CSBS 63-315A CSCF125-315A	CSP8X200	380	
CSCS 400A-1600A	CSP12X205	430	
CSCS 2000A-3150A CSBS 400A-1600A CSCF 400A-1600A	<input checked="" type="checkbox"/> CSP12X305	690	

non stockable items.

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

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

CSSDF in Open Execution, 4 Pole [HSN Code: 8536]				
Size	Rating (Amps)	Reference		List Price (₹)
		DIN	BIS	
Frame 1	32	CSSDF32D4CO	CSSDF32B4CO	10540
	63	CSSDF63D4CO	CSSDF63B4CO	12740
Frame 2	100	CSSDF100D4CO	CSSDF100B4CO	19890
	125	CSSDF125D4CO	CSSDF125B4CO	23300
	160	CSSDF160D4CO	CSSDF160B4CO	29990
Frame 3	200	☒ CSSDF200D4CO	CSSDF200B4CO	39450
	250	☒ CSSDF250D4CO	CSSDF250B4CO	43160
	315	☒ CSSDF315D4CO	CSSDF315B4CO	45650
	400	☒ CSSDF400D4CO	CSSDF400B4CO	61110
Frame 4	630	☒ CSSDF630D4CO	CSSDF630B4CO	86030
	800	-	CSSDF800B4CO	99990

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

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

CSSD in Open Execution, 4 Pole [HSN Code: 8536]			
Size	Rating (Amps)	Reference	List Price (₹)
Frame 1	25	CSSD25D4CO	7610
	40	CSSD40D4CO	8700
Frame 2	63	CSSD63D4CO	9170
Frame 3	125	☒ CSSD125DM4CO	17060
	160	☒ CSSD160DM4CO	18860
Frame 4	200	☒ CSSD200DM4CO	21710
	250	☒ CSSD250DM4CO	29700
	400	☒ CSSD400DM4CO	47050
Frame 5	630	☒ CSSD630K4CO	55420
	800	☒ CSSD800K4CO	75200
Frame 6	1000	☒ CSSD1000P4CO	136890
	1250	☒ CSSD1250P4CO	163850
	1600	☒ CSSD1600P4CO	221410
Frame 7	1800	☒ CSSD1800P4CO	279380
	3150	☒ CSSD3150P4CO	602620

### 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 Switch [HSN Code: 8536]				
Reference	Rating (Amps)	Pole	Rated Voltage	List Price (₹)
CSCSOF32CO2	32	2	250 V	2030
CSCSOF63CO2	63	2	250 V	3940
CSCSOF32CO4	32	4	415 V	3410
CSCSOF63CO4	63	4	415 V	6960
CSCSOF100CO4	100	4	415 V	13790
CSCSOF200CO4	200	4	415 V	20900
CSCSOF315CO4	315	4	415 V	26870
CSCSOF400CO4	400	4	415 V	30890

ACCESSORIES-Changeover Switches (CSSDF) [HSN Code: 8538]		
Spare Handles		
For Switch Type	Reference	List Price (₹)
CSSDF 32A - 160A (Moulded)	CCOH80S6	790
CSSDF 200A - 400A (Moulded)	CCOH220S12	1410
CSSDF 630A - 800A (Metallic)	CSDA6	1610

ACCESSORIES-CSSDF Changeover Switches [HSN Code: 8538]		
Operating Mechanism		
For Switch Type	Reference	List Price (₹)
CSSDF 32A-160A	☒ CSSDFZW1	4370
CSSDF 200A-400A	☒ CSSDZW12/1	12290
CSSDF 630A-800A	CSSDZW12	15140

ACCESSORIES-Changeover Switch (CSSD) [HSN Code: 8538]		
Spare Handles		
For Switch Type	Reference	List Price (₹)
CSSD 25A-125A (Moulded)	CCOH00S6	790
CSSD 200A-800A (Moulded)	CCOH220S12	1410
CSSD 1000A-3150A (Metallic)	CSDA6	1610

Operating Mechanism [HSN Code: 8538]		
For Switch Type	Reference	List Price (₹)
CSSD 25A - 40A	☒ CSSDZW6	4130
CSSD 63A - 125A (DM type)	☒ CSSDZW6/1	4330
CSSD 200A - 400A (DM type)	☒ CSSDZW11A	4330
CSSD 400A - 800A (K type)	☒ CSSDZW11	8960
CSSD 1000A - 3150A (P type)	☒ CSSDZW12	15140

Switch Fuse Unit: Rewirable with Side Handle [HSN Code: 8536]				
Reference	Rating (Amps)	Pole	Rated Voltage	List Price (₹)
☒ CSRW16P1NS	16	SPN	240 V	820
☒ CSRW32P1NS	32	SPN	240 V	2040
☒ CSRW16P2S	16	DP	240 V	850
CSRW32P2S	32	DP	240 V	2150
CSRW32P3NS	32	TPN	415V	3220
CSRW63P3NS	63	TPN	415V	6690
CSRW100P3NS	100	TPN	415V	12690
CSRW200P3NS	200	TPN	415V	20090



☒ non stockable items.

## 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	List Price (₹)	MOQ
00	6, 10, 16, 20, 25, 32, 35	CDFL00*	328	3
1	32, 35, 50, 63	CDFL01*	581	
	80, 100, 125	CDFL01*	581	
	160	CDFL01*	591	
	200	CSDFL1*	618	
	250	CSDFL1*	699	
2	100, 125	CDFL02*	903	
	160, 200	CDFL02*	919	
	250	CDFL02*	919	
	315	CSDFL2*	968	
	400	CSDFL2*	1011	
3	315, 400	CDFL03*	1285	
	500	CDFL3*	1602	
	630	CDFL3*	1602	

While ordering, replace "\*" by current rating.



Fuse Bases for DIN Type Fuse Link (ISI Mark)				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	MOQ
00	160	CSDFB00	376	3
1	250	CSDFB1	736	
2	400	CSDFB2	1000	
3	630	CDFB3	1677	



Solid Link				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	MOQ
00	160	CDSL00	489	3
1	250	CDSL1	645	
2	400	☒CDSL2	887	
3	630	☒CDSL3	1086	

### HRC Fuse Link, Fuse Base & Fuse Holder



DIN Type HRC Fuse Links (ISI mark)				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	MOQ
00	40, 50, 63	CDFL00*	333	3
	80, 100	CDFL00*	355	
	125, 160	CDFL00*	398	
1	32, 35, 50, 63	☒CDFL1*	667	
	80, 100	CDFL1*	667	
	125, 160	CDFL1*	688	
	200	CDFL1*	688	
	250	CDFL1*	774	
2	100, 125	☒CDFL2*	1011	
	160, 200	CDFL2*	1011	
	250	CDFL2*	1011	
	315	CDFL2*	1080	
	400	CDFL2*	1107	

### Bolted Type HRC Fuse Link



Off Set TAG Type				[HSN Code: 8536]
IS/IEC Size	Rating (Amps)	Reference	List Price (₹)	MOQ
A1	2, 4, 6, 8, 10, 12 & 16	CNIT*	79	20
	20, 25, & 32	CNIT*		
A2	4, 6, 10, 16, 20, 25 & 32	CSTIA	109	20
	4, 6, 10, 16, 20, 25 & 32●	CTIA*	120	10
A3	32, 40, 50 & 63●	CTIS*	135	
A4	50, 63, 80, 100, 125	CTCP*	289	6
-	125, 160, 200	CTFP*	414	3

● "ISI" marked



CNS (Off Set) clip in Type				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	MOQ
F1	2, 4, 6, 8, 10, 12, 16	CNS*	76	20
F1	20, 25, 32	CNS*	79	20

Central TAG (2 hole fixing) Type				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	MOQ
B1	80, 100	CTC*	305	6
B1	125	CTC*	305	
B2	125, 160, 200	CTF*	441	3
B3	250, 300, 315	CTKF*	654	1
B4	355, 400	CTMF*	1270	

☒ 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	List Price (₹)	MOQ
C1	355, 400	CTM*	1155	1
C2	450, 500	CTTM*	1908	
C2	630	CTTM*	2474	
C3	670, 710, 750, 800	CTLM*	2976	



Cylindrical HRC Fuse Link				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	MOQ
(14*51)	2, 4, 6, 8 & 10	CHF*	147	20
(14*51)	16, 20 & 25	CHF*	147	
(14*51)	32 & 40	CHF*	169	
(14*51)	50	CHF*	289	
(14*51)	63	CHF*	300	
(10*38)	2, 4, 6, 8, 10 & 16	CGF*	57	20
(10*38)	20 & 25	CGF*	65	
(10*38)	32	CGF*	65	



HRC Fuse Holder for Bolted Type Fuse Link								[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	MOQ	Reference	List Price (₹)	MOQ	
F1	20	CNS20HN	174	10	CNS20H●	185	10	
F1	32	CNS32H	196	10	-	-	-	
A2	32	CSM32HN	305	10	CSM32H●	327	5	
A3	63	CSM63HN	414	5	CSM63H●	425	5	
A4	100	-	-	-	CSM100H*	1221	3	
A4	100	-	-	-	CSM100B*	1363	3	

● "ISI" marked

\* 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	List Price (₹)	MOQ
14 x 51	32	CHO32R	180	10
14 x 51	63	CHC63R	240	



Fuse Puller (for DIN type Fuse Link 6-630Amp)			[HSN Code: 8536]
Reference	List Price (₹)	MOQ	
CDFH003	360	1	



Porcelain Rewirable Fuse Holder (Kit-Kat)				[HSN Code: 8536]
Reference	Rating (Amps)	Fuse Wire Size (Max.)	List Price (₹)	MOQ
CSKTRW32	32	22SWG	305	3
CSKTRW63	63	18SWG	483	
CSKTRW100	100	14SWG	970	
CSKTRW200	200	2 X 14SWG	2000	1

# Maximum Retail Price

Power Control Components

Final Power Distribution Components

Wiring Accessories

## 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.

### CENTRAL CUSTOMER CARE (CCC)


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

**Toll Free Number: 1800 572 2012**

E-mail: [customercare@cselectric.co.in](mailto: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 Control Components



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

### Motor Protection Circuit Breaker

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

TCMS-Model - Thermal Magnetic									[HSN Code: 8536]	
<input type="checkbox"/> Adjustable thermal release <input type="checkbox"/> Magnetic release 13 X Ie Max. <input type="checkbox"/> Trip class 10 <input type="checkbox"/> Ambient temperature compensation <input type="checkbox"/> Phase failure protection										
Type / Frame	Power Rating 3-PhMotors AC3-duty 415V, 50Hz	Adjustable range (Amp)	Breaking Capacity (kA) 415V, 50Hz	Reference	MRP (₹)	Breaking Capacity (kA) 415V, 50Hz	Reference	MRP (₹)	MOQ	
	kW		Standard Model/ Toggle Switch			High Breaking Capacity / Rotary Handle				
32AF	0.02	0.1-0.16	100	<input checked="" type="checkbox"/> TCMS-32S-0.16	3620	100	TCMS-32H-0.16	4570	1	
	0.06	0.16-0.25	100	<input checked="" type="checkbox"/> TCMS-32S-0.25	3620	100	<input checked="" type="checkbox"/> TCMS-32H-0.25	4700		
	0.09	0.25-0.4	100	TCMS-32S-0.4	3620	100	<input checked="" type="checkbox"/> TCMS-32H-0.4			
	0.12	0.4-0.63	100	TCMS-32S-0.63	3830	100	<input checked="" type="checkbox"/> TCMS-32H-0.63	5050		
	0.25	0.63-1	100	TCMS-32S-1	3830	100	TCMS-32H-1			
	0.55	1-1.6	100	TCMS-32S-1.6	3830	100	TCMS-32H-1.6	5080		
	0.75	1.6-2.5	100	TCMS-32S-2.5	3830	100	TCMS-32H-2.5			
	1.5	2.5-4	100	TCMS-32S-4	4030	100	TCMS-32H-4			
	63AF	2.2	4-6	100	TCMS-32S-6	4060	100	TCMS-32H-6		5240
		3	5-8	100	TCMS-32S-8	4160	100	TCMS-32H-8		5310
		4	6-10	50	TCMS-32S-10	4180	100	TCMS-32H-10		
		5.5	9-13	50	TCMS-32S-13	4760	100	TCMS-32H-13		6250
		7.5	11-17	20	TCMS-32S-17	5510	50	TCMS-32H-17		6860
		7.5	14-22	15	TCMS-32S-22	5510	50	TCMS-32H-22		7590
11		18-26	15	TCMS-32S-26	5830	50	TCMS-32H-26	7700		
100AF	15	22-32	15	TCMS-32S-32	10760	50	TCMS-32H-32	12810		
	18.5	28-40	-	-	-	50	TCMS-63H-40	16180		
	22	34-50	-	-	-	50	TCMS-63H-50	18750		
63AF	30	45-63	-	-	-	50	TCMS-63H-63	20010		
	37	55-75	-	-	-	75	<input checked="" type="checkbox"/> TCMS-100H-75	20140		
	45	70-90	-	-	-	75	<input checked="" type="checkbox"/> TCMS-100H-90	20170		
100AF	45	80-100	-	-	-	75	<input checked="" type="checkbox"/> TCMS-100H-100	20330		

TCMS-Model - Magnetic (Short Circuit Protection only)							[HSN Code: 8536]
<input type="checkbox"/> Without thermal release <input type="checkbox"/> Magnetic release 13 X Ie Max.							
Frame	Breaking Capacity (kA) at 415V, 50Hz	Power Rating 3-Ph Motors AC3 duty 415V, 50Hz	Rated Operational Current Ie (A)	Reference	MRP (₹)	MOQ	
		kW					
32AF	100	0.02	0.16	TCMS-32HI-0.16	4010	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	4890		
	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	4950		
	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	5130		
	100	4	10	<input checked="" type="checkbox"/> TCMS-32HI-10			
	100	5.5	13	<input checked="" type="checkbox"/> TCMS-32HI-13			
	63AF	50	7.5	17	<input checked="" type="checkbox"/> TCMS-32HI-17		5500
		50	7.5	22	<input checked="" type="checkbox"/> TCMS-32HI-22		
50		11	26	<input checked="" type="checkbox"/> TCMS-32HI-26	5500		
50		15	32	<input checked="" type="checkbox"/> TCMS-32HI-32	10090		
50		18.5	40	<input checked="" type="checkbox"/> TCMS-63HI-40	13020		
100AF	50	22	50	<input checked="" type="checkbox"/> TCMS-63HI-50	15070		
	50	30	63	<input checked="" type="checkbox"/> TCMS-63HI-63	15190		
	75	37	75	TCMS-100HI-75	16170		
100AF	75	45	90	<input checked="" type="checkbox"/> TCMS-100HI-90	16650		
	75	45	100	TCMS-100HI-100			

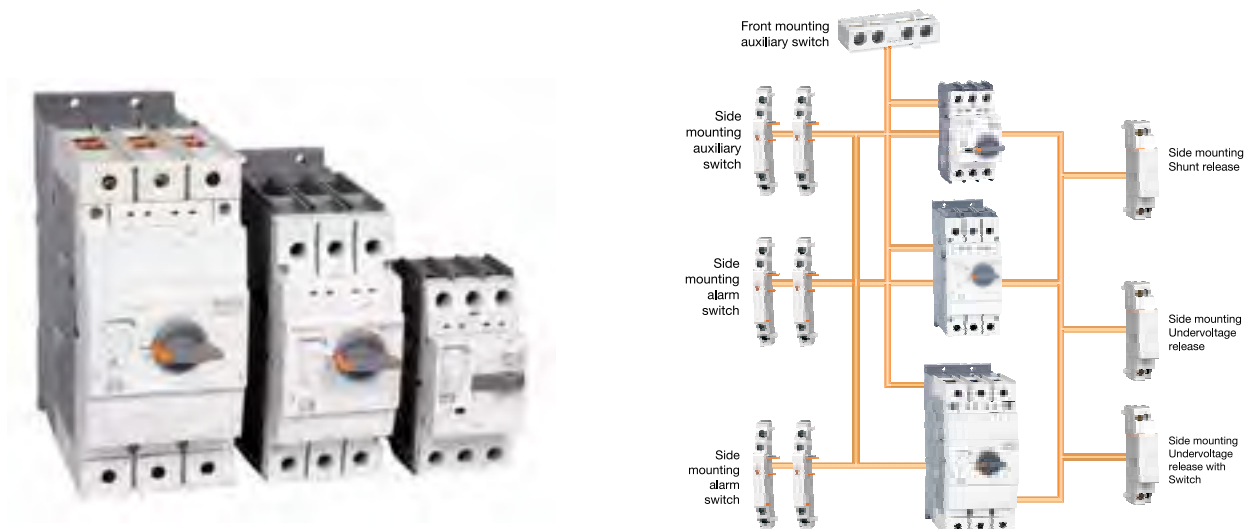
Non Stockable item

### 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	770	1
	2NC	TFX02		
	2NO	TFX20		
Auxiliary switch for front side mounting on the left	1NO+1NC	TLX11	930	
	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	1180	
	2NC	TLA02		
Magnetic trip alarm switch for side mounting on the left	1NO+1NC	<input checked="" type="checkbox"/> TLAM11	1220	
Shunt release for side mounting on the right	110~127V50Hz	<input checked="" type="checkbox"/> TRS110~127V50Hz	1960	
	220~230V50Hz	<input checked="" type="checkbox"/> TRS220~230V50Hz		
	415~440V50Hz	TRS415~440V50Hz		
Undervoltage release for side mounting on the right	110~127V50Hz	TRU110~127V50Hz	2010	
	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	2010	
	220~230V50Hz	<input checked="" type="checkbox"/> TRUX220~230V50Hz		
	415~440V50Hz	TRUX415~440V50Hz		
Insulation Barrier (for TCMS-100H/100HI only)		<input checked="" type="checkbox"/> TIB100		
Adaptor kit for MPCB + Mini Contactors	TCMS-32S+TC1M06-16	TDA-16SA	600	
	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	1010	
		PB632		
	3 Point*	<input checked="" type="checkbox"/> PB323	1170	
		PB633		
MPCB Enclosure (IP 65 Category)	For TCMS-32H/HI	EPH32-65S	1670	
Extended Handle (Door Mounting with Door Interlock, Defeat Interlock & Padlock)	<b>Extension Shaft 115mm</b>			
	TCMS-32H/HI	MEH32-115	1430	
	TCMS-63H/HI	<input checked="" type="checkbox"/> MEH63-115		
	TCMS-100H/HI	<input checked="" type="checkbox"/> MEH100-115		
	<b>Extension Shaft 315mm</b>			
	TCMS-32H/HI	MEH32-315	1700	
	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.



**robustTa 2 Contactor**

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



Contactor							[HSN Code: 8536]
AC1 Duty (A)	AC2/AC3/ AC4 415V Long life			Auxiliary Contacts	Reference	MRP (₹)	MOQ
	kW	HP	A				
25	2.2	3	7	1 NO+1NC	TC1D0711	1410	1
25	4	5.5	9	1 NO+1NC	TC1D0911	1530	
25	5.5	7.5	12	1 NO+1NC	TC1D1211	1690	
32	9	12	18	1 NO+1NC	TC1D1811	1970	
40	11	15	25	1 NO+1NC	TC1D2511	2500	
50	15	20	32	1 NO+1NC	TC1D3211	5310	
50	18.5	25	38	1 NO+1NC	TC1D3811	7360	

Spare Top Housing for 3P Contactors				[HSN Code: 8538]
For Contactor	Reference	MRP (₹)	MOQ	
TC1-D0711	TA5-D0711	1070	1	
TC1-D0911	TA5-D0911			
TC1-D1211	TA5-D1211			
TC1-D1811	TA5-D1811	1240		
TC1-D2511	TA5-D2511	1590		
TC1-D3211	TA5-D3211	3040		
TC1-D3811	TA5-D3811	4480		

Coil Surge Suppressor					[HSN Code: 8538]
Description	Voltage Ratings	Reference	MRP (₹)	MOQ	
Varistor (AC/ DC) Clip on mounting	12-55V 50/60Hz	TAD4VE	660	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	670	1	
TC1D09				
TC1D12				
TC1D18				
TC1D25				
TC1D32				
TC1D38				

Mechanical Interlocks-Horizontal Mounted				[HSN Code: 8538]
Use of Contactor	Reference	MRP (₹)	MOQ	
TC1D07~TC1D38	LA9-D09978	600	10	

robustTa2 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	2920	TA7D3264 MRP ₹400	
30-38	30	22	TR2DM38355	38			

**Note:** robustTa 2 Thermal Overload Relay reference TR2DM32353 ~TR2DM38355 can be mounted directly on robustTa 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 ■ from above.
- iii) For common accessories please refer Page No. 75 & 76.
- iv) MOQ- Minimum Order Quantity

\* Stock for accessories are subject to availability

☒ 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 ■	6760	1
	26	35	50	TC1DX503 ■	8490	
100	37	50	70	TC1DX703 ■	11940	
	40	54	80	TC1DX803 ■	14560	

**Add-On Block for Contactor Rating 45A-80A**
**[HSN Code: 8536]**

Contact Configuration		Reference	MRP (₹)	MOQ	
Front Mounted	2 NO	TA1-DN20	450	20	
	1 NO+1 NC	TA1-DN11			
	2 NC	TA1-DN02			
	Side Mounted	4 NO	TA1-DN40	670	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	670	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	2090	1


**Spare Contact Kit**
**[HSN Code: 8536]**

Reference	Description	MRP (₹)	MOQ
TA5X453	45A Contact Kit, 3 Pole	3930	1
TA5X503	50A Contact Kit, 3 Pole	4700	
TA5X703	70A Contact Kit, 3 Pole	6690	
TA5X803	80A Contact Kit, 3 Pole	8840	

**Mechanical Interlock Kit**
**[HSN Code: 8536]**

Reference	Description	MRP (₹)	MOQ
LA9DX8002	Mechanical Interlock Kit for Contactor TC1DX45A-80A	2680	1

**Coil Surge Suppressor for Contactor 45A-80A**
**[HSN Code: 8536]**

Description	Voltage Ratings	Reference	MRP (₹)	MOQ
RC Circuit (AC)	110-240V AC	LA9DX980U	610	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



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	1590	10	☒TCA3-M22	2120	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	1370	10	1NO	-	☒TP1-M0610	2000	10
				-	1NC	☒TC1-M0601			-	1NC	☒TP1-M0601		
	4	5.5	9	1NO	-	☒TC1-M0910	1480		1NO	-	☒TP1-M0910	2080	
				-	1NC	☒TC1-M0901			-	1NC	☒TP1-M0901		
	5.5	7.5	12	1NO	-	☒TC1-M1210	1580		1NO	-	☒TP1-M1210	2290	
				-	1NC	☒TC1-M1201			-	1NC	☒TP1-M1201		
	7.5	10	16	1NO	-	☒TC1-M1610	1870		1NO	-	☒TP1-M1610	2530	
				-	1NC	☒TC1-M1601			-	1NC	☒TP1-M1601		

■ Please specify Coil Voltage.

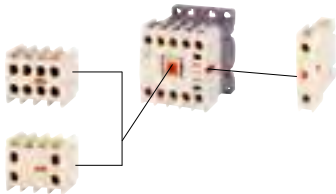
Coil Voltage Codes for Mini Contactors & Control Relays						
Contactor	Voltage					
	24	48	110	220	415	
AC	B	E	F	M	N	
DC	BD	ED	FD	MD	-	

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	1850	1	Reference TA7-M0964 MRP (₹) 560 [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	2010			
12 - 16	☒TR2 - M14A				

☒ Non Stockable item

MOQ- Minimum Order Quantity

## Accessories



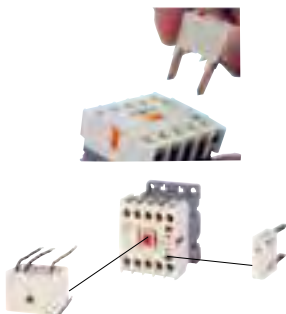
Add-On-Block		[HSN Code: 8538]		
Contact Configuration		Reference	MRP (₹)	MOQ
Front Mounted	2 NO	TA1-M20	410	10
	1 NO+1 NC	TA1-M11		
	2 NC	TA1-M02		
	4 NO	TA1-M40	660	
	3 NO+1 NC	☒ TA1-M31		
	2 NO+2 NC	TA1-M22		
	1 NO+3 NC	☒ TA1-M13		
	4 NC	TA1-M04		
Side Mounted	1 NC	TA8-M01	400	
	1 NO	TA8-M10		



Mechanical Interlocks for Horizontally Mounted		[HSN Code: 8538]		
Use For Contactor		Reference	MRP (₹)	MOQ
AC	DC			
TC1-MS06	TP1-MS06	☒ TA9-M978	620	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	1990	
	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	650	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 6A-95A**  
Conforming IEC60947-1, IEC60947-4-1 & IEC60947-5-1



[HSN Code: 8536]

Exceed 3 Pole Power Contactor rating 6A-95A [HSN Code: 8536]										Exceed 4 Pole Power Contactor rating 9A-95A					
Size	AC1 Duty A	AC2/AC3/AC4 415 V Long Life			Auxiliary Contacts		Reference	MRP (₹)	MOQ	AC1 Duty A	Auxiliary Contacts		Reference	MRP (₹)	MOQ
		kW	HP	A							4NO	2NC			
Frame 1	25	2.2	3	6	1NO	-	TC1D0610E	1040	1	25	4NO	--	TC1D12004E	1490	5
					-	1NC	TC1D0601E	1040		25	2NO	2NC	TC1D12008E	1880	
		4	5.5	9	1NO	-	TC1D0910E	1180		32	4NO	--	TC1D18004E	1710	
	-				1NC	TC1D0901E	1180	40		4NO	--	TC1D25004E	2470		
	5.5	7.5	12	1NO	-	TC1D1210E	1330	40		2NO	2NC	TC1D25008E	3640		
				-	1NC	TC1D1201E	1330	60		4NO	--	TC1D40004E	6650		
Frame 2	32	9	12.5	18	1NO	-	TC1D1810E	1510	80	60	2NO	2NC	TC1D40008E	10490	
					-	1NC	TC1D1801E	1510		80	4NO	--	TC1D50004E	8400	
					1NO	-	TC1D2510E	2080		80	2NO	2NC	TC1D50008E	11420	
Frame 3	125	22	30	40	-	1NC	TC1D2501E	2080	125	4NO	--	TC1D65004E	10900		
					1NO	-	TC1D3210E	4430	125	2NO	2NC	TC1D65008E	12550		
					-	1NC	TC1D3201E	4430	125	4NO	--	TC1D80004E	13960		
80	37	50	65	1NO	1NC	TC1D4011E	6310	125	2NO	2NC	TC1D80008E	17130			
						1NO	1NC		TC1D5011E	7600	4NO	--	TC1D95004E	17400	
45	60	80	95	1NO	1NC	TC1D6511E	10830	125	2NO	2NC	TC1D95008E	18690			
						1NO	1NC		TC1D8011E	13780					
		45	60	95	1NO	1NC	TC1D9511E	16440							

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	20110	LC1FDP115AE	POR	5
250	80	108	150	LC1FDP150AE	27310	LC1FDP150AE		
275	100	136	185	LC1FDP185AE	32530	LC1FDP185AE		
315	110	148	225	LC1FDP225AE	35810	LC1FDP225AE		
350	140	190	265	LC1FDP265AE	42630	LC1FDP265AE		
400	180	240	330	LC1FDP330AE	51860	LC1FDP330AE		
500	220	300	400	LC1FDP400AE	61100	LC1FDP400AE		
700	280	380	500	LC1FDP500AE	89600	LC1FDP500AE		
1000	375	500	630	LC1FDP630AE	131060	LC1FDP630AE		

Exceed Contactors 4 Pole: Rating AC1 200A ~ 1000A [HSN Code: 8536]						
AC1/AC3 Duty A	Main Pole Configuration	With AC Coil		With DC Coil		MOQ
		Reference	MRP (₹)	Reference	MRP (₹)	
200	4 NO	LC1FDP1154AE	23680	LC1FDP1154AE	POR	5
250	4 NO	LC1FDP1504AE	30350	LC1FDP1504AE		
275	4 NO	LC1FDP1854AE	44800	LC1FDP1854AE		
315	4 NO	LC1FDP2254AE	47430	LC1FDP2254AE		
350	4 NO	LC1FDP2654AE	51170	LC1FDP2654AE		
400	4 NO	LC1FDP3304AE	61190	LC1FDP3304AE		
500	4 NO	LC1FDP4004AE	76810	LC1FDP4004AE		
700	4 NO	LC1FDP5004AE	92180	LC1FDP5004AE		
1000	4 NO	LC1FDP6304AE	182290	LC1FDP6304AE		

AC Coil Voltage for exceed contactor [HSN Code: 8538]						
Contactor	Voltage					
	110	24	235	220	240	415
50Hz	F5	B5	C5W*	M5	U5	N5

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

MOQ- Minimum Order Quantity



**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	1430	10	TCA3-DN22	2220	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	1330	1	1NO	-	TP1-D0910	2080	1
				12	-	1NC	TC1-D0901	1330		-	1NC	TP1-D0901	2080	
		5.5	7.5	18	1NO	-	TC1-D1210	1550		1NO	-	TP1-D1210	2340	
				22	-	1NC	TC1-D1201	1550		-	1NC	TP1-D1201	2340	
	32	9	12.5	18	1NO	-	TC1-D1810	1830		1NO	-	TP1-D1810	2630	
				22	-	1NC	TC1-D1801	1830		-	1NC	TP1-D1801	2630	
		11	15	22	1NO	-	TC1-D2210	2130		1NO	-	TP1-D2210	3730	
				25	-	1NC	TC1-D2201	2130		-	1NC	TP1-D2201	3730	
Frame 2	40	11	15	25	1NO	-	TC1-D2510	2340	1NO	-	TP1-D2510	3860		
				32	-	1NC	TC1-D2501	2340	-	1NC	TP1-D2501	3860		
	50	15	20	32	1NO	-	TC1-D3210	4820	1NO	-	TP1-D3210	7510		
				38	-	1NC	TC1-D3201	4820	-	1NC	TP1-D3201	7510		
		18.5	25	45	1NO	-	TC1-D3810	6750	1NO	-	TP1-D3810	8690		
				50	-	1NC	TC1-D3801	6750	-	1NC	TP1-D3801	8690		
	Frame 3	60	22	30	40	1NO	1NC	TC1-D4011	7250	1NO	1NC	TP1-D4011	10210	
					45	1NO	1NC	TC1-D4511	8600	1NO	1NC	TP1-D4511	12380	
80		25	35	50	1NO	1NC	TC1-D5011	9030	1NO	1NC	TP1-D5011	12490		
				65	1NO	1NC	TC1-D6511	12020	1NO	1NC	TP1-D6511	14290		
100		37	50	70	1NO	1NC	TC1-D7011	12420	1NO	1NC	TP1-D7011	16500		
				80	1NO	1NC	TC1-D8011	15140	1NO	1NC	TP1-D8011	18050		
125		45	60	80	1NO	1NC	TC1-D8011	15140	1NO	1NC	TP1-D8011	18050		
				95	1NO	1NC	TC1-D9511	18350	1NO	1NC	TP1-D9511	22670		

\* To specify Coil Voltage, please refer Page No. 75.

**robustTa Power Contactors**  
Conforming IS/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■*	20890	1
	55	73	115	1NO	1NC	TC1-D115111■*	21070	
	55	73	120	1NO	1NC	TC1-D120116■*	21510	
	55	73	120	1NO	1NC	TC1-D120111■*	21790	
	75	101	150	1NO	1NC	TC1-D150116■*	28080	
	75	101	150	1NO	1NC	TC1-D150111■*	28530	
	75	101	160	1NO	1NC	TC1-D160116■*	29120	
	75	101	160	1NO	1NC	TC1-D160111■*	29400	

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■*	22830	1
	4NO	--	TC1-D1150046■*	22530	
	4NO	--	TC1-D150004■*	29690	
	4NO	--	TC1-D1500046■*	29550	

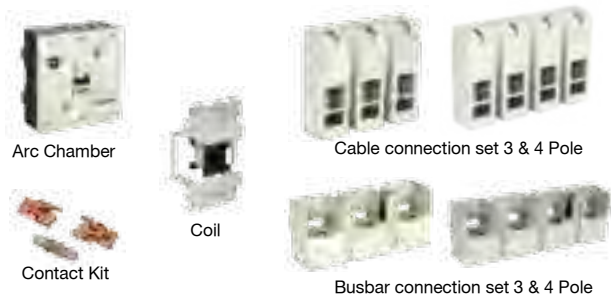
\* Busbar connection \* Cable connection

Spare main contacts sets (115-160), 3P/4P				[HSN Code: 8538]
Contactor	Reference	MRP (₹)	MOQ	
TC1D115	TA5 D115118031	8120	1	
TC1D120	TA5 D120118031	8420		
TC1D150	TA5 D150118031	9530		
TC1D160	TA5 D160118031	10240		
TC1D115004	TA5 D115804	9970		
TC1D150004	TA5 D150804	10540		

Spare Bus Bar connection sets (115-160), 3P/4P			
TC1D115	TA9 D11511503	440	1
TC1D120			
TC1D150			
TC1D160			
TC1D115004	TA9 D115504	670	1
TC1D150004			

Spare Arc Chamber (top housing) for 3P Contactors (115-160)			
TC1D115	TA5 D1151150	280	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	2270	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	870	1	
TC1D120				
TC1D150				
TC1D160				
TC1D115004	TA9 D115604	1180	1	
TC1D150004				

AC Coil Voltage				
Contactor	Voltage			
	50Hz	F5	B5	M5

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

**robustA Power Contactors**  
Conforming IS/IEC60947-1 & IEC60947-4-1



Power Contactors with Dust Cover 3 Pole						[HSN Code: 8536]			
AC1 Duty A	AC2/AC3/AC4 Long Life			With AC Coil		MOQ	With DC Coil		MOQ
	kW	HP	A	Reference	MRP (₹)		Reference	MRP (₹)	
200	59	80	115	LC1FDP115A ■	23400	1	LC1FDP115A ■	27520	1
250	80	108	150	LC1FDP150A ■	31050		LC1FDP150A ■	38230	
275	100	136	185	LC1FDP185A ■	37410		LC1FDP185A ■	48100	
275	105	140	200	LC1FDP200A ■	40900		LC1FDP200A ■	48470	
315	110	148	225	LC1FDP225A ■	41350		LC1FDP225A ■	51500	
350	140	190	265	LC1FDP265A ■	50740		LC1FDP265A ■	55250	
350	150	200	300	LC1FDP300A ■	55290		LC1FDP300A ■	65130	
400	180	240	330	LC1FDP330A ■	60870		LC1FDP330A ■	73040	
500	220	300	400	LC1FDP400A ■	70750		LC1FDP400A ■	87510	
600	240	320	460	LC1FDP460A ■	92830		-	-	
700	280	380	500	LC1FDP500A ■	101210		LC1FDP500A ■	109580	
800	355	430	580	LC1FDP580A ■	103490		-	-	
1000	375	500	630	LC1FDP630A ■	149910		LC1FDP630A ■	168200	
1600	425	580	780	☒ LC1FDP780A ■	POR		☒ LC1FDP780A ■	-	
1000	450	610	800	☒ LC1FDP800A ■	280200		☒ LC1FDP800A ■*	287770	

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

Hoisting Power Contactors with dust cover 3 Pole: Rating 115A ~ 630A						[HSN Code: 8536]	
AC1 Duty A	AC3 415 V Long Life			With AC Coil		MOQ	
	kW	HP	A	Reference	MRP (₹)		
200	59	80	115	LC1FDP115HCA ■	POR	1	
250	80	110	150	LC1FDP150HCA ■			
275	100	135	185	LC1FDP185HCA ■			
315	110	150	225	LC1FDP225HCA ■			
350	140	190	265	LC1FDP265HCA ■			
355	150	200	300	LC1FDP300HCA ■			
400	180	220	330	LC1FDP330HCA ■			
500	220	300	400	LC1FDP400HCA ■			
700	280	380	500	LC1FDP500HCA ■			
1000	375	500	630	LC1FDP630HCA ■			

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

Power Contactors with Dust Cover 3 Pole: Rating 1260A ~ 2600A (for general use)				[HSN Code: 8536]	
AC1 Duty A	Main Pole Configuration	With AC & DC Coil		MOQ	
		Reference	MRP (₹)		
1260	3 NO	☒ LC1FDP1250A ■	POR	1	
1400	3 NO	☒ LC1FDP1400A ■			
1700	3 NO	☒ LC1FDP1700A ■			
2100	3 NO	☒ LC1FDP2100A ■			
2600	3 NO	☒ LC1FDP2600A ■			



■ To specify Coil Voltage, please refer Page No. 75  
Note:- AC 3 Duty 1000A 3P Contactor available on request.

☒ Non Stockable item

Note: Stock for accessories are subject to availability



**robustTa Power Contactors**

Conforming IS/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	1720	1	TP1-D12004	3370	1	
		2NO	2NC	TC1-D12008	2100		TP1-D12008	4210		
Frame 2	32	4NO	--	TC1-D18004	1950		-	-		
		4NO	--	TC1-D25004	2850		TP1-D25004	6360		
Frame 3	40	2NO	2NC	TC1-D25008	4000		TP1-D25008	7950		
		4NO	--	TC1-D40004	7580		TP1-D40004	11350		
	60	2NO	2NC	TC1-D40008	11210		TP1-D40008	16900		
		4NO	--	TC1-D50004	9460		-	-		
		80	2NO	2NC	TC1-D50008		13100	-		-
			4NO	--	TC1-D65004		12380	TP1-D65004		18270
	100	2NO	2NC	TC1-D65008	14410	TP1-D65008	22130			
		4NO	--	TC1-D70004	12820	TP1-D70004	21030			
		125	4NO	--	TC1-D80004	16010	TP1-D80004	22940		
			2NO	2NC	TC1-D80008	19500	TP1-D80008	25670		
	4NO	--	TC1-D95004	19360	TP1-D95004	24450				
		2NO	2NC	TC1-D95008	21250	TP1-D95008	26530			

■ To specify Coil Voltage, please refer page no. 71

Power Contactors 4 Pole 4NC : Rating 9A ~ 25A						[HSN Code: 8536]	
Size	AC1 Duty A	AC2/ AC3/ AC4 415 V Long Life			With AC Coil	MRP (₹)	MOQ
		KW	HP	A	Reference		
Frame 1	25	4	5.5	9	TC1-D09006	1840	10
		5.5	7.5	12	TC1-D12006	3410	
Frame 2	40	11	15	25	TC1-D25006	3740	

■ To specify Coil Voltage, please refer page no. 73

Power Contactors with dust cover 4 Pole : Rating AC1 200A ~ 1600A						[HSN Code: 8536]	
AC1 Duty A	Main Pole Configuration	With AC Coil		MOQ	With DC Coil		MOQ
		Reference	MRP (₹)		Reference	MRP (₹)	
200	4 NO	LC1FDP1154	26960	1	LC1FDP1154	36180	1
250	4 NO	LC1FDP1504	33890		LC1FDP1504	48430	
275	4 NO	LC1FDP1854	51010		LC1FDP1854	64760	
315	4 NO	LC1FDP2254	54530		LC1FDP2254	66760	
350	4 NO	LC1FDP2654	58510		LC1FDP2654	73380	
400	4 NO	LC1FDP3304	68630		LC1FDP3304	89210	
500	4 NO	LC1FDP4004	87010		LC1FDP4004	104040	
700	4 NO	LC1FDPM5004	105410		LC1FDPM5004	125410	
1000	4 NO	LC1FDP6304	203390		LC1FDP6304	210030	
1600	4 NO	LC1FDP7804	POR		LC1FDP7804	POR	



■ To specify Coil Voltage, please refer Page No. 75

● 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.

☒ Non Stockable item

MOQ- Minimum Order Quantity

### Capacitor Duty Contactors 3 Pole, AC

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



[HSN Code: 8536]

Size	kVAR Rating	Auxiliary Contacts	Reference	MRP (₹)	MOQ
Frame 1	7	1NO+1NC	TC1D07K11	2740	1
		2NC	TC1D07K02	2740	
	10	1NO+1NC	TC1D10K11	2950	
		2NC	TC1D10K02	2950	
	12.5	1NO+1NC	TC1D12K11	3160	
		2NC	TC1D12K02	3160	
16.7	1NO+1NC	TC1D16K11	4420		
	2NC	TC1D16K02	4420		
Frame 2	20	1NO+1NC	TC1D20K11	5050	
		2NC	TC1D20K02	5050	
	25	1NO+1NC	TC1D25K11	5730	
		2NC	TC1D25K02	5730	
Frame 3	33.3	1NO+2NC	TC1D33K12	10290	
	40	1NO+2NC	TC1D40K12	15240	
	50	1 NO+2NC	TC1D50K12	15710	
	60	1NO+2NC	TC1D60K12	17980	
	75	1NO+2NC	TC1D75K12	20680	
	80	1NO+2NC	TC1D80K12	22170	
	100	1NO+2NC	TC1D100K12	22730	

**robusta Contactors Coils** [HSN Code: 8538]

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

- Non-Standard coil Extra MRP @ ₹ 150/- per contactor
- \* Available from CR-38A Contactor only.

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

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.

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

♦ Not Available for LC1FDP780

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.

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

# Not available for LCFDP630 & LC1FDP780

**How to order:**

- Select applicable Coil Voltage required for Contactor.
  - Complete the code by replacing the ■
  - To order additional Auxiliary Block, Timers and other accessories, please refer Page No. 75
- Non-Standard coil available on request, Extra MRP@ ₹ 770 each per Contactor rating 115#780A

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

\*With rectifier DRTE4U \*\*With rectifier DRTE4S

MOQ- Minimum Order Quantity



**robusta Overload Relay**

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

GLOBAL CERTIFICATION



Thermal Overload Relays Direct Mounting Trip class 10 [HSN Code: 8536]								
Relay Setting Range (Amps)	Standard Power Rating for 3 Ph. Motor at 415V		Reference	Suitable for Contactor Rating (Amps)	MRP (₹)	Independent Mounting Kit	MOQ	
	HP	kW						
<b>Direct Mounting</b>								
0.10 ~ 0.16	*	*	☒ TRD09301	9	1720	TA7-D0964 MRP ₹310 [HSN Code: 8538]	1	
0.16 ~ 0.25	*	*	☒ TR2D09302		1720			
0.25 ~ 0.40	*	*	TR2D09303		1720			
0.40 ~ 0.63	*	*	TR2D09304		1720			
0.63 ~ 1.00	0.5	0.37	TR2D09305		1720			
1.00 ~ 1.60	0.75	0.55	TR2D09306		1720			
1.25 ~ 2.00	1	0.75	TR2D093X6		1720			
1.60 ~ 2.50	1.5	1.1	TR2D09307		1720			
2.50 ~ 4.00	2	1.5	TR2D09308		1720			
4.00 ~ 6.00	3	2.2	TR2D09310		1720			
5.50 ~ 8.00	5	3.7	TR2D09312		1720			
7.00 ~ 10.0	5.5	4	TR2D09314		1720			
9.0 ~ 13.0	7.5	5.5	TR2D12316		12			1720
9.0 ~ 14.0	7.5	5.5	TR2D12316X		12			1720
12.0 ~ 18.0	12	9	TR2D18321	18	2070			
14.0 ~ 22.0	12	9	TR2D18321X	18	2070			
17.0 ~ 25.0	15	11	TR2D25322	25	2070			
23.0 ~ 32.0	20	15	TR2D32353	32	2950	TA7-D3264 MRP ₹ 400 [HSN Code: 8538]		
28.0 ~ 36.0	25	18	TR2D32355		2950			
23.0 ~ 32.0	20	15	TR2D40353	40	3210	TA7-D4064 MRP ₹ 1460 [HSN Code: 8538]		
30.0 ~ 40.0	30	22	TR2D40355		3210			
37.0 ~ 50.0	35	25	TR2D65357	50	4140			
48.0 ~ 65.0	40	30	TR2D65359	65	5320			
55.0 ~ 70.0	50	37	TR2D65361		5320			
63.0 ~ 80.0	60	45	TR2D80363	80	5870			
80.0 ~ 93.0	65	49	TR2D95365	95	5920			
<b>Independent Mounting</b>								
65 ~ 105	75	55	LR1F105	-	9530	-	1	
80 ~ 125	80	59	LR1F125		9530			
100 ~ 160	110	80	LR1F160		9530			
125 ~ 200	135	100	LR1F200		9530			
160 ~ 250	175	129	LR1F250		9530			
200 ~ 315	220	160	☒ LR1F315		12220			
250 ~ 400	270	200	☒ LR1F400		12220			
315 ~ 500	350	257	☒ LR1F500		12220			
400 ~ 630	480	355	☒ LR1F630		12220			
500 ~ 800	580	425	☒ LR1F800		34970			
630 ~ 1000	680	500	☒ LR1F1000		34970			

Thermal Overload Relays Protective Shroud for LR1-F105-630 [HSN Code: 8538]			
Relay Type	Reference	MRP (₹)	MOQ
LR1-F105	☒ LA9F702	2080	1
LR1-F125		2080	
LR1-F160		2080	
LR1-F200		2080	
LR1-F250	LA9F703	2740	
LR1-F315		2740	
LR1-F400		2740	
LR1-F500		2740	
LR1-F630	LA9F704	2950	
LR1-F800		2950	

Heavy Duty Overload Relays Independent Mounting Trip class 30 [HSN Code: 8536]			
Relay Setting Range (Amps)	Reference	MRP (₹)	MOQ
2.5-4.0	TR6F4	13400	1
4.0-6.3	TR6F6.3	13400	
6.3-10	TR6F10	13400	
8.0-12.5	TR6F12.5	13400	
10-16	TR6F16	13400	
16-25	TR6F25	13400	
25-40	☒ TR6F40	13400	
40-63	☒ TR6F63	13400	
63-100	☒ TR6F100	13400	
100-160	☒ TR6F160	13400	
125-200	☒ TR6F200	13400	
160-250	☒ TR6F250	13400	
250-400	☒ TR6F400	13400	

☒ 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*	220	10			
	1 NC	TA1-DN01*					
	2 NO	TA1-DN20	450	20			
	1 NO+1 NC	TA1-DN11					
	2 NC	TA1-DN02					
	4 NO	TA1-DN40					
	3 NO+1 NC	TA1-DN31					
	Front Mounted	2 NO+2 NC	TA1-DN22	670	20		
		1 NO+3 NC	TA1-DN13				
4 NC		TA1-DN04					
Side Mounted		1 NO+1 NC	TA8-DN11**			670	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 ■	630	20	
TC1-D09				
TC1-D12				
TC1-D18				
TC1-D25	TX1-D4 ■	750	10	
TC1-D32				
TC1-D40				
TC1-D50	TX1-D6 ■	1970	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 ■	1010	1
TP1 - D09				
TP1 - D12				
TP1 - D18	TX4-D4 ■	TX5-D4 ■	1120	
TP1 - D25				
TP1 - D32				
TP1 - D40				
TP1 - D50	TX4-D40 ■	TX5-D40 ■	2600	
TP1 - D65				
TP1 - D80				
TP1 - D95	TX4-D80 ■	TX5-D80 ■	5440	

■ Complete the code for Spare Coil by indicating the Coil Voltage required after the reference \*Please refer Page No. 73 for Coil Voltage available

☒ Non Stockable item

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	600	10
TC1-D12	TP1-D12			
TC1-D18	TP1-D18			
TC1-D25	TP1-D25			
TC1-D32	TP1-D32			
TC1-D40	TP1-D40	LA9-D50978	1460	10
TC1-D50	TP1-D50			
TC1-D65	TP1-D65			
TC1-D70	TP1-D70			
TC1-D80	TP1-D80			
TC1-D95	TP1-D95	LA9-D80978	1920	10

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	2500	10

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	600	10
	110-240V AC/DC	TA9AMOV980U		
	70-150V AC/DC	TA9AMOV980F		
RC Circuit (AC) Clip-on mounting	24-48V AC	TA9RC980E	600	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	710	10
TC1-D12	TP1-D12			
TC1-D18	TP1-D18			
TC1-D25	TP1-D25			
TC1-D32	TP1-D32			
TC1-D40	TP1-D40	ELA9-D50978	1590	
TC1-D50	TP1-D50			
TC1-D65	TP1-D65			
TC1-D80	TP1-D80	ELA9-D80978	2070	
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	-	4270
LC1-FDP150HCA					
LC1-FDP185HCA	LX9FG110V	LX9FG220V	LX9FG240V	-	6260
LC1-FDP225HCA					
LC1-FDP265HCA	LX9FH1102V	LX9FH2202V	LX9FH2402V	-	6830
LC1-FDP330HCA					
LC1-FDP400HCA	LX9FJ925	LX9FJ931	LX9FJ932	LX9FJ936	13850
LC1-FDP500HCA	LX9FK925	LX9FK931	LX9FK932	LX9FK936	23420
LC1-FDP630HCA	LX9FL924	LX9FL930	LX9FL931	LX9FL936	23680

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	3240
LC1-FDP150A					
LC1-FDP185A	LX1FG-110V	LX1FG-220V	LX1FG-240V	LX1FG-415V	5840
LC1-FDP200A					
LC1-FDP225A	LX1FH-1102V	LX1FH-2202V	LX1FH-2402V	LX1FH-4152V	6380
LC1-FDP265A					
LC1-FDP300A	LX1FJ-110V	LX1FJ-220V	LX1FJ-240V	LX1FJ-415V	9080
LC1-FDP330A					
LC1-FDP400A	LX1FK-110V	LX1FK-220V	LX1FK-240V	LX1FK-415V	21620
LC1-FDP500A	LX1FL-110V	LX1FL-220V	LX1FL-240V	LX1FL-415V	22000
LC1-FDP630A	LX1FX-110V	LX1FX-220V	LX1FX-240V	LX1FX-415V	52570
LC1-FDP780A	LX4F8FW	LX4F8MW	LX4F8MW	LX4F8QW*	23070

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
<b>Horizontally Mounted</b>			
LC1-FDP115A	LA9-FF970	3930	1
LC1-FDP150A			
LC1-FDP185A			
LC1-FDP200A	LA9-FG970	4410	1
LC1-FDP225A			
LC1-FDP265A	LA9-FJ970	5080	1
LC1-FDP300A			
LC1-FDP330A			
LC1-FDP400A			
LC1-FDP500A / LC1-FDPM5004A			
LC1-F630A / LC1-FDP800A	LA9-FL970	5080	
<b>Vertically Mounted</b>			
LC1-FDP115A	LA9-FF4F	4450	1
LC1-FDP150A			
LC1-FDP185A	LA9-FG4G	4700	1
LC1-FDP200A			
LC1-FDP225A	LA9-FH4H	5790	1
LC1-FDP265A			
LC1-FDP300A			
LC1-FDP330A			
LC1-FDP400A			
LC1-FDP500A/LC1-FDPM5004A	LA9-FK4K		
LC1-FDP800A/LC1-F630A	LA9-FL4L		
LC1-FDP780A	LA9-FX970	36950	

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	10590
LC1-FDP150A					
LC1-FDP185A	LX4FG-110V	LX4FG-220V	LX4FG-24V	LX4FG-48V	13560
LC1-FDP225A					
LC1-FDP265A	LX4FH-110V	LX4FH-220V	LX4FH-24V	LX4FH-48V	16540
LC1-FDP330A					
LC1-FDP400A	LX4FJ-110V	LX4FJ-220V	Not Available	LX4FJ-48V	26460
LC1-FDP500A	LX4FK-110V	LX4FK-220V	Not Available	LX4FK-48V	29190
LC1-FDP630A	LX4FL-110V	LX4FL-220V	Not Available	LX4FL-48V	34190
LC1-FDP780A	•	LX4FX-220V	•	•	31450
LC1-FDP800A	LX4F8FW	LX4F8MW	-	LX4F8QW*	28140

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				
<b>For 3 Pole</b>						
TCA2-DN40, TCA3-DN40	TA5-DN40	TA5-DN40 DC	1170	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				1360
TC1-D1801, TP1-D1801	TA5-D1801	TA5-D1801 DC				
TC1-D2210, TP1-D2210	TA5-D2210	TA5-D2210 DC				1660
TC1-D2201, TP1-D2201	TA5-D2201	TA5-D2201 DC				
TC1-D2510, TP1-D2510	TA5-D2510	TA5-D2510 DC	1780			
TC1-D2501, TP1-D2501	TA5-D2501	TA5-D2501 DC				
TC1-D3210, TP1-D3210	TA5-D3210	TA5-D3210 DC	3250			
TC1-D3201, TP1-D3201	TA5-D3201	TA5-D3201 DC				
TC1-D3810, TP1-D3810	TA5-D3810	TA5-D3810 DC	4770			
TC1-D3801, TP1-D3801	TA5-D3801	TA5-D3801 DC				
TC1-D4011, TP1-D4011	TA5-D4011	TA5-D4011 DC	4890			
TC1-D5011, TP1-D5011	TA5-D5011	TA5-D5011 DC	6080			
TC1-D6511, TP1-D6511	TA5-D6511	TA5-D6511 DC	8360			
TC1-D7011, TP1-D7011	TA5-D7011	TA5-D6511 DC	8920			
TC1-D8011, TP1-D8011	TA5-D8011	TA5-D8011 DC	9890			
TC1-D9511, TP1-D9511	TA5-D9511	TA5-D9011 DC	11510			
<b>For 4 Pole</b>						
TC1-D09004, TP1-D09004	TA5-D09004	TA5-D09004DC	1480	1		
TC1-D09008, TP1-D09008	TA5-D09008	TA5-D09008DC	1630			
TC1-D12004, TP1-D12004	TA5-D12004	TA5-D12004DC	1690			
TC1-D12008, TP1-D12008	TA5-D12008	TA5-D12008DC	1830			
TC1-D25004, TP1-D25004	TA5-D25004	TA5-D25004DC	2590			
TC1-D25008, TP1-D25008	TA5-D25008	TA5-D25008DC	3010			
TC1-D40004, TP1-D40004	TA5-D40004	TA5-D40004DC	5520			
TC1-D40008, TP1-D40008	TA5-D40008	TA5-D40008DC	7060			
TC1-D65004, TP1-D65004	TA5-D65004	TA5-D65004DC	9370			
TC1-D65008, TP1-D65008	TA5-D65008	TA5-D65008DC	10980			
TC1-D80004, TP1-D80004	TA5-D80004	TA5-D80004DC	11150			

MOQ- Minimum Order Quantity

## Accessories

Spare Top Housing for 3P exceedD Contactors [HSN Code: 8538]			
For Control Relay Contactor	Reference AC	MRP (₹)	MOQ
TCA2-DN40E	TA5-DN40E	910	1
TCA2-DN31E	TA5-DN31E		
TCA2-DN22E	TA5-DN22E		
TC1D0901E	TA5-D0901E		
TC1D0910E	TA5-D0910E		
TC1D1201E	TA5-D1201E		
TC1D1210E	TA5-D1210E		
TC1D1801E	TA5-D1801E	1060	
TC1D1810E	TA5-D1810E		
TC1D2501E	TA5-D2501E	1280	
TC1D2510E	TA5-D2510E		
TC1D4011E	TA5-D4011E	3330	
TC1D5011E	TA5-D5011E	4560	
TC1D6511E	TA5-D6511E	6370	
TC1D8011E	TA5-D8011E	8380	
TC1D9511E	TA5-D9511E	9110	

Spare Main Contact for 3P Contactors Rating 115A-800A [HSN Code: 8538]			
Contactor	Reference	MRP (₹)	MOQ
LC1-FDP115A	LA5-FF431 (F115)	11350	1
LC1-FDP150A	LA5-FF431 (F150)	15720	
LC1-FDP185A	LA5-FG431 (F185)	19740	
LC1-FDP200A	LA5-FG431 (F200)	23190	
LC1-FDP225A	LA5-FG431 (F225)	25950	
LC1-FDP265A	LA5-FH431 (F265)	27710	
LC1-FDP300A	LA5-FH431 (F300)	28930	
LC1-FDP330A	LA5-F400803 (F330)	31080	
LC1-FDP400A	LA5-F400803 (F400)	39020	
LC1-FDP500A	LA5-F500803 (F500)	51800	
LC1-FDP630A	LA5-F630803 (F630)	73560	
LC1-FDP780A	LA5F780801(F7804)*	41380	
LC1-FDP800A	LA5F800803(F800)	82510	

Spare Main Contact Sets for 4P Power Contactors Rating 115A-780A [HSN Code: 8538]			
Contactor	Reference	MRP (₹)	MOQ
LC1-FDP1154A	LA5-FF441 (F1154)	13300	1
LC1-FDP1504A	LA5-FF441 (F1504)	19800	
LC1-FDP1854A	LA5FG441(F1854)	29200	
LC1-FDP2254A	LA5FG441(F2254)	30510	
LC1-FDP2654A	LA5-FH441 (F2654)	32640	
LC1-FDP3304A	LA5-F400804 (F3304)	39480	
LC1-FDP4004A	LA5-F400804 (F4004)	44920	
LC1-FDPM5004A	LA5-F500804 (F5004)	70870	
LC1-FDP6304A	LA5-F630804 (F6304)	90760	
LC1-FDP7804A	LA5-F780801 (F780)**	40840	

Spare Arc Chamber 3P [HSN Code: 8538]			
Contactor	Reference	MRP (₹)	MOQ
LC1-FDP115A	LA5-F11550	3280	1
LC1-FDP150A	LA5-F15050		
LC1-FDP185A	LA5-F18550	3520	
LC1-FDP200A	LA5-F20050	3570	
LC1-FDP225A	LA5-F22550	3600	
LC1-FDP265A	LA5-F26550	3930	
LC1-FDP300A	LA5-F30050	4940	
LC1-FDP330A	LA5-F33050	5310	
LC1-FDP400A	LA5-F40050	5660	
LC1-FDP500A	LA5-F50050	6320	
LC1-FDP630A	LA5-F63050	14690	
LC1-FDP780A	LA5-F780150*	POR	

Spare Arc Chamber 4P [HSN Code: 8538]			
Contactor	Reference	MRP (₹)	MOQ
LC1-FDP1154A	LA5-F115450	3360	1
LC1-FDP1504A	LA5-F150450		
LC1-FDP1854A	LA5-F185450	4750	
LC1-FDP2254A	LA5-F225450	4960	
LC1-FDP2654A	LA5-F265450	5930	
LC1-FDP3304A	LA5-F330450	6260	
LC1-FDP4004A	LA5-F400450	7800	
LC1-FDPM5004A	LA5-F500450	8960	
LC1-FDP6304A	LA5-F630450	17930	
LC1-FDP7804A	LA5-F780150*	11380	
LC1-FDP8004A	LA5-F80050	18020	

# Main Contacts set per pole includes (2 Fixed Contacts & Moving Contact, 2 Deflectors, 1 Backplate, Fixing Screws and Washers).

\* Main Contacts are for one pole only. (Set of two) Order 3 Nos for 3 pole Contactors & 4 Nos for 4 pole Contactors.

\*\* Set of Main Contacts provided is 1 set of 2 blocks for one pole.

Coil Surge Suppressor - Contactor 115-630A [HSN Code: 8538]			
Description	Reference	MRP (₹)	MOQ
Coil Surge Suppressor for LC1FDP115-630A (3P/4P)	LA9F980(BR)*	2610	5

\* Common for Exceed & Robusta Contactors.

# Main Contacts set per pole includes (2 Fixed Contacts & Moving Contact, 2 Deflectors, 1 Backplate, Fixing Screws and Washers).

\* Main Contacts are for one pole only. (Set of two) Order 3 Nos for 3 pole contactors & 4 Nos for 4 pole Contactors.

\*\* Set of Main Contacts provided is 1 set of 2 blocks for one pole.

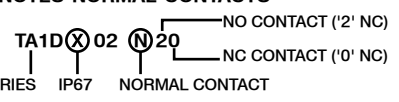
\* Stock for accessories are subject to availability



**Front Mount Add on block with IP67**

Robusta TA2 contactors <span style="float: right;">[HSN Code: 8538]</span>					
Reference Item	Pole Configuration	MRP (₹)	Reference Item	Pole Configuration	MRP (₹)
TA1DX11	11	1330	TA1DX11 N11	X11 N11	1490
TA1DX20	20	1330	TA1DX11 N20	X11 N20	1490
TA1DX02	02	1330	TA1DX11 N02	X11 N02	1500
TA1DX20 N20	X20 N20	1490	TA1DX02 N11	X02 N11	1490
TA1DX20 N11	X20 N11	1490	TA1DX02 N20	X02 N20	1490
TA1DX20 N02	X20 N02	1500	TA1DX02 N02	X02 N02	1500

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

**FOR EXAMPLE:-** TA1D 

**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					
Contactors	110V	220V	240V	415V	MRP (₹)
LC1-FDP1250A	LX1FL110V	LX1FL220V	LX1FL240V	LX1FL415V	22000
LC1-FDP1400A	LX1FK065V	LX1FK110V	LX1FK127	LX1FK220V	21620
LC1-FDP1700A					
LC1-FDP2100A					
LC1-FDP2600A	LX1FL065V	LX1FL110V	LX1FL127V	LX1FL220V	22000

\* 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					
Contactors	110V	220V	240V	415V	MRP (₹)
LC1-FDP1250A	LX4FL110V	LX4FL220V	-	LX4FL48V	34190
LC1-FDP1400A	LX4FK055V	LX4FK110V	-	-	29190
LC1-FDP1700A					
LC1-FDP2100A					
LC1-FDP2600A	LX4FL055V	LX4FL110V	-	-	34190

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

### 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 ■	1390	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 ■	1310	1	
					- 1NC	LC1D099 ■	1310		
	25	5.5	7.5	12	1NO -	LC1D123 ■	1520		
					- 1NC	LC1D129 ■	1520		
	32	9	12.5	16	1NO -	LC1D173 ■	1780		
					- 1NC	LC1D179 ■	1780		
	32	11	15	22	1NO -	LC1D223 ■	2060		
					- 1NC	LC1D229 ■	2060		
	Frame 2	40	11	15	25	1NO -	LC1D253 ■		2320
						- 1NC	LC1D259 ■		2320
	50	15	20	32	1NO -	LC1D323 ■	4740		
					- 1NC	LC1D329 ■	4740		
Frame 3	60	22	30	40	1NO 1NC	LC1D403 ■	7010		
	80	25	35	50	1NO 1NC	LC1D503 ■	8420		
	80	37	50	63	1NO 1NC	LC1D633 ■	11870		
	125	45	60	80	1NO 1NC	LC1D803 ■	14890		

■ Non Stockable item  
MOQ - Minimum Order Quantity

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	1690	Reference LA7-D0964 MRP ₹ 290 [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	2030	Reference LA7-D3264 MRP ₹ 420 [HSN Code: 8538]			
10.0~13.0	7.50	5.50	LR1D12316					
13.0~18.0	12.00	9.00	LR1D16321	2910	Reference LA7-D4054 MRP ₹ 560 [HSN Code: 8538]			
18.0~25.0	15.00	11.00	LR1D25322					
23.0~32.0	20.00	15.00	LR1D32353	3200	Reference LA7-D4054 MRP ₹ 560 [HSN Code: 8538]			
28.0~40.0	20.00	15.00	LR1D32355					
23.0~32.0	20.00	15.00	LR1D40353	3700				
30.0~40.0	30.00	22.00	LR1D40355					
38.0~50.0	35.00	25.00	LR1D63357	5250				
48.0~57.0	40.00	30.00	LR1D63359					
57.0~66.0	50.00	37.00	LR1D63361	5790				

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

\* Coils also available in wide band.

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 ₹ 150/- in the list price.

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	5760	1

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

\* Stock for accessories are subject to availability

Accessories



Add-on-Blocks for D Range Contactors [HSN Code: 8538]					
Contactor		Reference	MRP (₹)	MOQ	
Additional Instantaneous Aux. Contact Blocks	Front Mounted	2 NO	LA1D20	430	20
		1 NO+1 NC	LA1D11		
		2 NC	LA1D02		
		4 NO	LA1D40	640	
		3 NO+1 NC	LA1D31		
		2 NO+2 NC	LA1D22		
		1 NO+3 NC	LA1D13		
		4 NC	LA1D04		
Overlapping Aux. Contacts	Front Mounted	2 NO+2 NC	LA1D1111#	920	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	640	15
LC1-D09			
LC1-D12			
LC1-D17			
LC1-D25	☒ LX1-D25	760	10
LC1-D32			
LC1-D40	☒ LX1-D40	1890	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 ₹190

D Range Mechanical Interlocks Horizontally Mounted [HSN Code: 8538]			
Use for Contactor AC	Reference	MRP (₹)	MOQ
LC1-D09	LA9-D09978	600	10
LC1-D12			
LC1-D17			
LC1-D22			
LC1-D25			
LC1-D32			
LC1-D40	LA9-D50978	1460	
LC1-D50			
LC1-D63			
LC1-D80	LA9-D80978	1920	


Spare Top Housing 3P [HSN Code: 8538]			
For Control Relay/ Contactor AC	Reference	MRP (₹)	MOQ
CA2-DN140	LA5-DN140	1110	1
CA2-DN1319	LA5-DN1319		
CA2-DN1229	LA5-DN1229		
LC1-D093	☒ LA5-D093		
LC1-D099	LA5-D099	1260	
LC1-D123	☒ LA5-D123		
LC1-D129	LA5-D129	1360	
LC1-D173	LA5-D173		
LC1-D179	☒ LA5-D179	1790	
LC1-D223	LA5-D223		
LC1-D229	LA5-D229		
LC1-D253	☒ LA5-D253	3560	
LC1-D259	☒ LA5-D259		
LC1-D323	☒ LA5-D323	5530	
LC1-D329	LA5-D329		
LC1-D403	☒ LA5-D403	6780	
LC1-D503	☒ LA5-D503	8740	
LC1-D633	LA5-D633	11400	
LC1-D803	LA5-D803		

Coil Suppressor [HSN Code: 8538]			
Description	Reference	MRP (₹)	MOQ
For mounting across coil of contactor upto 80Amp, with RC network suitable for <250VAC & <400VAC	LA9-D09980	640	10

\* Stock for accessories are subject to availability



Add-on Starting Switch <span style="float: right;">[HSN Code: 8538]</span>			
Description	Reference	MRP (₹)	MOQ
NO starting Switch suitable for direct mounting on Control Relays & Contactors	LA9-D09906	210	10

Mechanical Latching Blocks <span style="float: right;">[HSN Code: 8538]</span>			
Description for Contractors / Control Relays Type	Reference	MRP (₹)	MOQ
CA2-DN1 LC1-D09, LC1-D12 LC1-D17, LC1-D25, LC1-D32	 LA6-DK01	2590	10

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

■ Replace by voltage code

### 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	3510	1
11	15	25	4NO	TC1DX254	5150	
22	30	40	4NO	TC1DX404	8380	

■ 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	605	1

Spare Contact Kit for 4 Pole Contactor [HSN Code: 8538]			
Reference	Description	MRP (₹)	MOQ
TA5DX204	20A Contact Kit, 4-Pole	1155	1
TA5DX254	25A Contact Kit, 4-Pole	1990	
TA5DX404	40A Contact Kit, 4-Pole	3225	

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	460	2

Note : Also available with 2NC.

Mechanical Interlock for 4 Pole Contactors [HSN Code: 8538]			
Description	Reference	MRP (₹)	MOQ
Horizontal Mounted	LA9-D09978	560	10

Contactors - 2 Pole, AC [HSN Code: 8536]					
AC1 Duty	AC3 220V AC		Reference	MRP (₹)	MOQ
	A				
32	20		AC2-D202	1380	2
40	25		AC2-D252	1890	
40	40		AC2-D402	2580	

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	410	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	620	1
AC5D252	25A Contact Kit, 2-Pole	1230	
AC5D402	40A Contact Kit, 2-Pole	1500	
☒ AC5D2011	20A Contact Kit, 1NO+1NC	635	

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	435	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	665	LA7D0964 MRP ₹270 [HSN Code: 8538]	1
5.5-8.0	LR7D09212			
7.0-10	LR7D09214			
9.0-14	LR7D12216X	800		
13-18	LR7D16221			
14-22	LR7D16221X			
18-25	LR7D25222	975		
23-32	LR7D32253			

☒ Non Stockable item

## D Range Contactors & Overload Relays

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						
AC1 Duty		AC3 415V Long life			Reference	MRP (₹)
A	KW	HP	A			
25	7.5	10	16	TC1DXN164*	2795	
32	9	12.5	20	TC1DXN204*	3375	
40	11	15	25	TC1DXN254*	4950	
45	15	20	32	TC1DXN324*	6235	
50	18.5	25	40	TC1DXN404*	7900	

New Agro Contactors - Rear Opening						
AC1 Duty		AC3 415V Long life			Reference	MRP (₹)
A	KW	HP	A			
25	7.5	10	16	TC1DXRN164*	2850	
32	9	12.5	20	TC1DXRN204*	3445	
40	11	15	25	TC1DXRN254*	5050	
45	15	20	32	TC1DXRN324*	6360	
50	18.5	25	40	TC1DXRN404*	8058	


Spare Contact Kit Codes		
Combination	Reference	MRP (₹)
16A CONTACT KIT, 4 - POLE	TA5DXN164	1075
20A CONTACT KIT, 4 - POLE	TA5DXN204	1085
25A CONTACT KIT, 4 - POLE	TA5DXN254	POR
32A CONTACT KIT, 4 - POLE	TA5DXN324	POR
40A CONTACT KIT, 4 - POLE	TA5DXN404	2760

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 (₹)
TX1DNB5	24V, 50 Hz	580
TX1DNE5	48V, 50 Hz	
TX1DNF5	110V, 50 Hz	
TX1DNMU5	220/240V, 50 Hz	
TX1DNQN5	380/415V, 50 Hz	

Auxiliary Block		
Combination	Reference	MRP (₹)
1NO + 1NC	TA1DXN11	450
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
<b>Single Pole (Without Shunt)</b>				
25	30	☒ TCDP251	950	1
30	40	☒ TCDP301	1000	
40	50	☒ TCDP401	1050	
<b>Single Pole (With Shunt)</b>				
25	30	TCDP251S	980	1
30	40	TCDP301S	1040	
40	50	TCDP401S	1130	
<b>Two Pole</b>				
20	30	TCDP202	1080	1
30	40	TCDP302	1085	
40	50	☒ TCDP402	1160	
<b>Three Pole</b>				
20	30	TCDP203	1290	1
30	40	TCDP303	1320	
40	50	☒ TCDP403	1500	

#### 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		

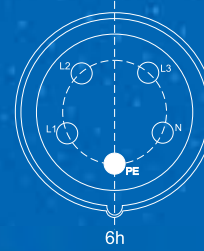
\* Stock for accessories are subject to availability

☒ Non Stockable item

MOQ- Minimum Order Quantity

# Industrial Plugs & Sockets

Position of the Earthing Contact



Position of the Earthing Contact



## BENEFITS

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

## IEC 60309 Series

IP44 & IP67 Protection



# Control & Signalling Devices

Metallic & Polycarbonate Series



## Push Buttons & Pilot Lamps

- Ø22.5 mm Push Buttons, Emergency Stop PB, Selector switch  
Illuminated & Non Illuminated Actuators in Plastic & Metallic variants
- Pilot Lamps in LED / Filament / Neon types
- Push Button Stations 1/2/3/4 ways, IP65 / 166, NEMA-41/X protection
- High Mechanical and Electrical life
- Aesthetic and Elegant outlook
- Wide Range of colors | 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	IP 44	CS62205	570	6	-	-	-	CS62210	950	6
		32		CS62216	980	6	-	-	-	CS62221	1100	6
	Panel Mounting Socket - Water Tight	16	IP 67	CS62227	1230	6	-	-	-	CS62232	1310	6
		32		CS62238	1320	6	-	-	-	CS62243	1730	6
		63		<input checked="" type="checkbox"/> CS63249	4860	6	-	-	-	CS63254	4460	6
		125		-	n	-	-	-	CS62262	16730	6	
	Surface Mounting Socket - Splash Proof	16	IP 44	CS62404	940	6	-	-	-	CS62409	1030	6
		32		CS62415	1170	6	-	-	-	CS62420	1240	6
	Surface Mounting Socket - Water Tight	16	IP 67	CS62426	1590	6	-	-	-	<input checked="" type="checkbox"/> CS62431	2080	6
		32		<input checked="" type="checkbox"/> CS62437	1990	6	<input checked="" type="checkbox"/> CS62283	2230	3	CS62442	2400	6
		63		<input checked="" type="checkbox"/> CS63448	6140	6	-	-	-	CS63453	6290	6
		125		-	n	-	-	-	<input checked="" type="checkbox"/> CS63463	21670	6	
	Plugs - Splash Proof	16	IP 44	CS60004	490	6	-	-	-	CS60009	660	6
		32		CS60015	790	6	-	-	-	CS60020	950	6
	Plugs - Water Tight	16	IP 67	CS60026	1060	6	-	-	-	CS60031	1390	6
		32		CS60037	1640	6	CS60145	1670	3	CS60042	1700	6
		63		<input checked="" type="checkbox"/> CS61048	4620	6	-	-	-	CS61053	4780	6
		125		-	n	-	-	-	CS60061	14190	6	
	Surface Mounting Interlocked Switched Socket Outlet - Horizontal	16	IP 44	CS66004(H)	7490	6	-	-	-	<input checked="" type="checkbox"/> CS66109(H)	9560	6
		32		<input checked="" type="checkbox"/> CS66015(H)	8920	6	-	-	-	<input checked="" type="checkbox"/> CS66020(H)	10680	6
	Surface Mounting Interlocked Switched Socket Outlet - Vertical	16	IP 67	CS66200	8210	6	-	-	-	<input checked="" type="checkbox"/> CS66202	11630	6
		32		<input checked="" type="checkbox"/> CS66201	11470	6	-	-	-	<input checked="" type="checkbox"/> CS66203	13870	6
	Connector - Splash Proof	16	IP 44	CS62004	720	6	-	-	-	<input checked="" type="checkbox"/> CS66215	820	-
		32		CS62015	910	6	-	-	-	CS66225	1160	-
	Connector Water Tight	32	IP 67	-	-	-	CS62128	2230	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	IP 40	CS60045	1810	6
		32A 3P 240V		CS60046	2230	6
		32A 5P 415V		CS60047	3350	6
		63A 5P 415V		CS60048	8720	6

\* Stock for accessories are subject to availability

Non Stockable item

MOQ- Minimum Order Quantity

## 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○	98	20	
	☒ RCP2-BA2●			
	RCP2-BA3●			
	RCP2-BA4●			
	RCP2-BA5●			
	☒ RCP2-BA6●			
Flush Spring Return Push Button with contact	☒ RCP2BA33●	238	10	
	RCP2BA35●			
Projecting Push Button	RCP2-BL1○	102	20	
	RCP2-BL2●			
	RCP2-BL3●			
	RCP2-BL4●			
	RCP2-BL5●			
	RCP2-BL6●			
Mushroom Head Push Button, Spring Return	RCP2-BC2●	150	8	
	RCP2-BC3●			
	☒ RCP2-BC4●			
	RCP2-BC5●			
	RCP2-BC6●			
	RCP2-BC6●			
Mushroom Head Push Button, Spring Return with contact	RCP2-BC21●	221	8	
	RCP2-BC31●			
	☒ RCP2-BC42●			
	RCP2-BC51●			
	RCP2-BC61●			
Mushroom Head ∅40mm Push Button Stay Put turn to release	RCP2BS54●	201	8	
Mushroom Head ∅40mm Push Button Stay Put turn to release	RCP2BT4●			
Mushroom Head ∅60mm Push Button Stay Put turn to release	RCP2BS64●	296	5	
Mushroom Head Push Button, Push to Stay & Key to release	RCP2BS14●	411	8	
Push Button Stay Put ∅30mm (Press to Lock turn to release)	RCP2BS44●	195	10	
Push Button Actuators with Carrier & Contact Element-Non-Illuminated		[HSN Code: 8536]		
Flush Spring Return Push Button with 1NO Block	☒ RCP2-BA11○	160	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○	160	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▲○	238	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-BWN356▲●			

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▲○	255	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▲○	296	10					
	RCP2-BWL337▲●							
	☒ RCP2-BWL347▲●							
	☒ RCP2-BWL357▲●							
	☒ RCP2-BWL377▲○							
	RCP2-BWL387▲●							
	RCP2-BWL367▲●				527			
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▲○	228	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▲●	POR						
	RCP2-BWN146▲●							
	RCP2-BWN156▲●							
	RCP2-BWN186▲●							
Push Button Actuator-Illuminated projecting without Series Resistor								
Illuminated Actuator, Projecting (with BA9S Filament Bulb, 130V) 220V (AC/DC)	RCP2-BW117▲○	238	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▲○	296	10					
	☒ RCP2-BWL137▲●							
	☒ RCP2-BWL147▲●							
	RCP2-BWL157▲●							
	RCP2-BWL177▲○							
	RCP2-BWL187▲●							
	RCP2-BWL167▲●				540			
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	285	10	
3-Position Selector Switch, centre 'OFF' (stay put)	RCP2-BD3			
2-Position Selector Switch with extra long knob (stay put)	☒ RCP2-BJ2	285	10	
3-Position Selector Switch, with extra long knob centre 'OFF' (stay put)	RCP2-BJ3			
3-Position Selector Switch (Spring Return)	RCP2-BDR3	302	10	
3-Position Selector Switch extra long knob (Spring Return)	☒ RCP2-BJR3	302	10	
Selector Switch Actuators with Carrier & Contact Element				
2-Position Selector Switch (stay put) with 1NO Block	☒ RCP2-BD21	330	10	
2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCP2-BD25	404		
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	411	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	428	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	92	24	
Reset Extended Actuator Pushbutton - Hex Type	☒ RCB2AL8H			
Plastic Adaptor for 30 mm hole to 22.5 mm.	☒ RP2-BZ41M	28	30	
Metal Adaptor for 30 mm hole to 22.5 mm	☒ RB2-BZ41M			
Recess (Guarded) Push button - Plastic	RP2-BA16 ○	82	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* ●	313	15	
Pilot Lamps with Series Resistor				
Pilot Lamp (with BA9S Filament Bulb 130V) 220V AC / DC	RCP2-BV71 ▲○	207	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 ▲○	224	10	
	RCP2-BVD73 ▲●			
	☒ RCP2-BVD74 ▲●●			
	☒ RCP2-BVD75 ▲●●			
	☒ RCP2-BVD76 ▲●●			
	RCP2-BVD77 ▲○			
Contact Elements - NO/NC [HSN Code: 8536]				
Contact Element 1 NO	RP2- BE-101	93	50	
Contact Element 1 NC	RP2- BE-102			
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 ▲●●	272	10	
	☒ RCP2-BVL74 ▲●●			
	☒ RCP2-BVL75 ▲●●			
	RCP2-BVL77 ▲○			
	RCP2-BVL71 ▲○			
	☒ RCP2-BVL78 ▲●●			
	489			

**How to Order:**

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






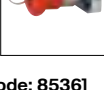







▲ Add Voltage Code











☒ Non Stockable item



## 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 ○	110		
	RCB2-BA2 ●			
	RCB2-BA3 ●			
	RCB2-BA4 ●			
	RCB2-BA5 ●			
	RCB2-BA6 ●			
Projecting Push Button	RCB2-BL1 ○	116	20	
	RCB2-BL2 ●			
	RCB2-BL3 ●			
	RCB2-BL4 ●			
	RCB2-BL5 ●			
	RCB2-BL6 ●			
Booted Push Button	RCB2-BP2 ●	170		
	RCB2-BP3 ●			
	RCB2-BP4 ●			
	RCB2-BP5 ●			
	RCB2-BP6 ●			
	RCB2-BP6 ●			
Mushroom Head Push Button, Spring Return	RCB2-BC2 ●	170	8	
	RCB2-BC3 ●			
	RCB2-BC4 ●			
	RCB2-BC6 ●			
Mushroom Head Push Button Stay Put (press to lock, turn to release)	RCB2-BS54 ●	238	8	
	RCB2-BS64 ●	296	5	
Mushroom Head Push Button, Push to Stay & Pull to release	RCB2-BT4 ●	269	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 ●	467	8	
Push Button Stay Put (press to lock, turn to release)	RCB2-BS44 ●	235	10	
Push Button Actuators with Carrier & Contact Element-Non-Illuminated [HSN Code: 8536]				
Flush Spring Return Push Button with 1NO Block	RCB2-BA11 ○	201	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 ●	282		
Projecting Head Push Button with 1NO Block	RCB2-BL11 ○	201	10	
	RCB2-BL21 ●			
	RCB2-BL31 ●			
	RCB2-BL51 ●			
Projecting PB with 1NC Block	RCB2-BL42 ●			
	RCB2-BS542 ●	313	8	
Mushroom Head Push Button Stay Put (press to lock, turn to release) with 1NC Block	RCB2-BS642 ●	384	4	
	RCB2-BS642 ●			
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 ●	571	8	
	RCB2-BW447 ●			
	RCB2-BW637 ●	625		
	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 ○	263	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 ●	258		
	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 ○	279	10	
	RCB2-BW337 ●			
	RCB2-BW347 ●			
	RCB2-BW357 ●			
	RCB2-BW387 ●			
	RCB2-BW367 ●			
LED Type Push Button Actuators - Illuminated Flush	RCB2-BWL337 ●	330	10	
	RCB2-BWL347 ●			
	RCB2-BWL357 ●			
	RCB2-BWL317 ○			
	RCB2-BWL377 ●			
	RCB2-BWL387 ●			
Push Button Actuators-Illuminated Projecting without Series Resistor	RCB2-BW116 ○	241	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 ●	238		
	RCB2-BWN146 ●			
	RCB2-BWN156 ●			
Push Button Actuators - Illuminated Projecting with Series Resistor				
Illuminated Actuator, Projecting (with BA9S Filament Bulb, 130V) 220VAC/DC	RCB2-BW117 ○	241	10	
	RCB2-BW137 ●			
	RCB2-BW147 ●			
	RCB2-BW157 ●			
	RCB2-BW167 ●			
	RCB2-BW177 ○			
LED Type Push Button Actuators - Illuminated Projecting Type of voltage AC/DC to be specified				
Projecting Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2-BWL137 ●	330	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 ●	636		
	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 ●	382	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
<b>Push Button Actuators with Carrier - Non-Illuminated [HSN Code: 8536]</b>				
Double Push Button, Flush Green & Red Knob marked I&O respectively	RCB2-BA87	204	10	
<b>Selector Switch Actuators with Carrier</b>				
2-Position Selector Switch (stay put)	RCB2-BD2 RCB2-BD27*	323	10	
3-Position Selector Switch, centre 'OFF' (stay put)	RCB2-BD3 RCB2-BD37*			
2-Position Selector Switch with extra long knob (stay put)	RCB2-BJ2 RCB2-BJ27*	333	10	
3-Position Selector Switch, with extra long knob centre 'OFF' (stay put)	RCB2-BJ3 RCB2-BJ37*			
2-Position Selector Switch (Spring Return)	RCB2-BDR2 RCB2-BDR27*	367	10	
3-Position Selector Switch (Spring Return)	RCB2-BDR3 RCB2-BDR37*			
2-Position Selector Switch extra long knob (Spring Return)	RCB2-BJR2 RCB2-BJR27*	367	10	
3-Position Selector Switch extra long knob (Spring Return)	RCB2-BJR3 RCB2-BJR37*			
<b>Selector Switch Actuators with Carrier &amp; Contact Element [HSN Code: 8536]</b>				
2-Position Selector Switch (stay put) with 1NO Block	RCB2-BD21 RCB2-BD271*	398	10	
2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCB2-BD25 RCB2-BD275*	476		
3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCB2-BD35 RCB2-BD375*			

\* with Black Bezel

<b>Selector Switch Actuators-Illuminated with Series Resistor [HSN Code: 8536]</b>				
2-Position Illuminated Selector Switch (with BA9S Filament Bulb 130V) suitable for operation at 220V AC/DC	RCB2-BK1237	518	10	
	RCB2-BK1247			
	RCB2-BK1257			
3-Position Illuminated Selector Switch (with BA9S Filament Bulb 130V) suitable for operation at 220V AC/DC	RCB2-BK1337	518	10	
	RCB2-BK1347			
	RCB2-BK1357			
Selector Switch Actuators-Illuminated with integral circuit LED available on request				

<b>Selector Switch Actuators - Illuminated without series resistor</b>				
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	518	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	RCB2BKL1237	518	10	
	RCB2BKL1247			
	RCB2BKL1257			
3-Position Illuminated Selector Switch (with LED Bulb) 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2BKL1337	518	10	
	RCB2BKL1347			
	RCB2BKL1357			

\* Stock for accessories are subject to availability

Description	Reference	MRP (₹)	MOQ	Product Picture
<b>Key Actuators with Carrier [HSN Code: 8536]</b>				
2-Position Key Switch, Key removable in unactuated position	RCB2-BG2 RCB2-BG27*	466	10	
2-Position Key Switch, Key removable in both position	RCB2-BG4 RCB2-BG47*			
2-Position Key Switch, Key removable in 'Right Hand' position	RCB2-BG02 RCB2-BG027*	479	10	
3-Position Key Switch, Key removable in centre 'OFF' position	RCB2-BG3 RCB2-BG37*			
3-Position Key Switch, Key removable in all position	RCB2-BG0 RCB2-BG0-7*	479	10	
3-Position Key Switch, Key removable in 'Left Hand & Right Hand' position	RCB2-BG5 RCB2-BG57*			
3-Position Key Switch, Key removable in 'Left Hand' position	RCB2-BG9 RCB2-BG97*	479	10	
3-Position Key Switch, Key removable in 'Right Hand' position	RCB2-BG09 RCB2-BG097*			
3-Position (Spring Return) Key Switch, Key removable in 'Center' position	RCB2-BG7 RCB2-BG77*	479	10	

<b>Key Actuators with Carrier &amp; Contact element</b>				
2-Position Key Switch with 1NO Block, Key removable in unactuated position	RCB2-BG21 RCB2-BG271*	510	10	
2-Position Key Switch with 1NO Block, Key removable in both position	RCB2-BG41 RCB2-BG471*			
3-Position Key Switch with 1NO+1NC Block key removable in centre 'OFF' position	RCB2-BG31 RCB2-BG371*	603	10	
3-Position Key Switch with 1NO+1NC Block key removable in all position	RCB2-BG04 RCB2-BG074*			

\* with Black Bezel

<b>Contact Elements - NO/NC [HSN Code: 8536]</b>				
Contact Element 1 NO	RB2- BE-101	93	50	
Contact Element 1 NC	RB2- BE-102			

**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

☒ Non Stockable item

## Pilot Lamps: 22.5mm Metallic Range

Description	Reference	MRP (₹)	MOQ	Product Picture
<b>LED Type Pilot Lamp-Type of voltage AC/DC [HSN Code: 8536]</b>				
Pilot Light with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	<input checked="" type="checkbox"/> RCB2BVL71▲○	299	10	
	<input checked="" type="checkbox"/> RCB2BVL73▲●	299		
	<input checked="" type="checkbox"/> RCB2BVL74▲●			
	<input checked="" type="checkbox"/> RCB2BVL75▲●			
	RCB-BVL77▲○	605		
	<input checked="" type="checkbox"/> RCB2BVL78▲●			
	<input checked="" type="checkbox"/> RCB2BVL76▲●			
<b>Pilot Lamps with Series Resistor</b>				
Pilot Lamp (with BA9S Filament bulb 130V) 220V AC/DC	RCB2-BV71▲○	224	10	
	<input checked="" type="checkbox"/> RCB2-BV73▲●			
	<input checked="" type="checkbox"/> RCB2-BV74▲●			
	RCB2-BV75▲●			
	<input checked="" type="checkbox"/> RCB2-BV76▲●			
	RCB2-BV77▲○			
	<input checked="" type="checkbox"/> RCB2-BV78▲●			
<b>Pilot Lamps with Series Resistor &amp; Diode</b>				
Pilot Lamp (with BA9S Filament Bulb 130V) 240V AC	RCB2-BVD71▲○	241	10	
	RCB2-BVD73▲●			
	RCB2-BVD74▲●			
	RCB2-BVD75▲●			
	RCB2-BVD76▲●			
	RCB2-BVD77▲○			
	RCB2-BVD78▲●			

Description	Reference	MRP (₹)	MOQ	Product Picture
<b>Economical Barrel LED Series - Type of voltage AC/DC</b>				
Suitable for operating at 12V DC, 240V AC, 415V AC AC/DC-24V, 110V, 220V	RCN7-IVL71▲○	306	20	
	<input checked="" type="checkbox"/> RCN7-IVL76▲●			
	RCN7-IVL73▲●	170		
	<input checked="" type="checkbox"/> RCN7-IVL74▲●			
	<input checked="" type="checkbox"/> RCN7-IVL75▲●			
	<input checked="" type="checkbox"/> RCN7-IVL77▲○			
	<input checked="" type="checkbox"/> RCN7-IVL78▲●			

Description	Reference	MRP (₹)	MOQ	Product Picture
<b>Push Button Powder Coated Actuators with Carrier [HSN Code: 8536]</b>				
Flush Spring Return Push Button powder coated	RCB2-BA17○	110	20	
	RCB2-BA27●			
	RCB2-BA37●			
	RCB2-BA47●			
	RCB2-BA57●			
	RCB2-BA67●			
Projecting Push Button	RCB2-BL17○	122	20	
	RCB2-BL27●			
	RCB2-BL37●			
	RCB2-BL47●			
	RCB2-BL57●			
	RCB2-BL67●			
<b>Integrated LED Pilot Lamp - Type of voltage AC/DC</b>				
	<input checked="" type="checkbox"/> RCB7-IVL71▲○	354	15	
	<input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> RCB7-IVL73▲●	204	15	
	<input checked="" type="checkbox"/> RCB7-IVL74▲●			
	<input checked="" type="checkbox"/> RCB7-IVL75▲●			
	<input checked="" type="checkbox"/> RCB7-IVL77▲○			
	<input checked="" type="checkbox"/> RCB7-IVL78▲●			
Wide range: 12V-240V (AC/DC)	RCB7-IVL71▲○	595	435	
	RCB7-IVL76▲●			
	RCB7-IVL73▲●			
	RCB7-IVL74▲●			
	RCB7-IVL75▲●			
	<input checked="" type="checkbox"/> RCB7-IVL77▲○			

### 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

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 ○	108	20	
	RB2-BV03 ●			
	RB2-BV04 ●			
	RB2-BV05 ●			
	RB2-BV06 ●			
	RB2-BV07 ○			
	RB2-BV08 ●			
Flush Push Button	RB2-BA1 ○	96	20	
	RB2-BA2 ●			
	RB2-BA3 ●			
	RB2-BA4 ●			
	RB2-BA5 ●			
	RB2-BA6 ●			
Projecting Push Button	RB2-BL1 ○	108	20	
	RB2-BL2 ●			
	RB2-BL3 ●			
	RB2-BL4 ●			
	RB2-BL5 ●			
	RB2-BL6 ●			
Mushroom Spring Return	RB2-BC2 ●	162	8	
	RB2-BC3 ●			
	RB2-BC4 ●			
	RB2-BC5 ●			
Mushroom Stay Put	φ30mm RB2-BS44 ●	204	10	
	φ40mm RB2-BS54 ●	216	8	
	φ60mm RB2-BS64 ●	289	5	
Mushroom illuminated - 2 position Momentary - 2 position Maintained	RCB2-BW43 ●	365	8	
	RCB2-BW44 ●			
	RCB2-BW64 ●			
	RCB2-BW63 ●			
Booted Push Button	RB2-BP2 ●	168	20	
	RB2-BP3 ●			
	RB2-BP4 ●			
	RB2-BP5 ●			
	RB2-BP6 ●			
Double Headed without Light	RB2-BA87	204	10	
Double Headed Push Button with Light	RB2-BW9	221		
Illuminated Flush Push Button	RB2-BW31 ○	126	10	
	RB2-BW33 ●			
	RB2-BW34 ●			
	RB2-BW35 ●			
	RB2-BW36 ●			
	RB2-BW37 ○			
Illuminated Projecting Push Button	RB2-BW13 ●	138	10	
	RB2-BW14 ●			
	RB2-BW15 ●			
	RB2-BW16 ●			
	RB2-BW17 ○			
Illuminated Selector 2-Position Stay Put	RB2-BK123 ●	312	10	
	RB2-BK124 ●			
	RB2-BK125 ●			
Illuminated Selector 3-Position Stay Put	RB2-BK133 ●	336	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 ○	90	20	
	RB2-BVL03 ●			
	RB2-BVL04 ●			
	RB2-BVL05 ●			
	RB2-BVL06 ●			
	RB2-BVL07 ○			
	RB2-BVL08 ●			
LED Illuminating Flush Push Button	RB2-BWL31 ○	138	10	
	RB2-BWL33 ●			
	RB2-BWL34 ●			
	RB2-BWL35 ●			
	RB2-BWL36 ●			
	RB2-BWL37 ○			
LED Illuminating Projecting Push Button	RB2-BWL11 ○	156	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	288	10	
Selector 2-Position, Stay Put	RB2-BJ2	Long	318		
Selector 2-Position, Spring Return	RB2-BDR2	Standard	288		
Selector 2-Position, Stay Put	RB2-BJR2	Long	318		
Selector 3-Position, Stay Put (Centre OFF)	RB2-BD3	Standard	288		
Selector 3-Position, Stay Put (Centre OFF)	RB2-BJ3	Long	318		
Selector 3-Position, Spring Return (Centre OFF)	RB2-BDR3	Standard	288		
Selector 3-Position, Stay Put	RB2-BJR3	Long	318		
Key Selector 2-Position, Stay Put	RB2-BG2	Key removable in L.H. position	432		
Key Selector 2-Position, Stay Put	RB2-BG4	Key removable in both positions	432		
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	432		
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	432		
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	444		
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	444		
Mushroom Head with Key Stay Put	RB2-BS14 ●	Key removable in both positions		444	8

## Accessories

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

Body Assemblies with Contact Blocks, Screw & Captive Clamp Connection					[HSN Code: 8536]
Description	Reference	Contact Type	MRP (₹)	MOQ	Product Picture
For Actuators, Push Buttons, Selectors & Key Switches	RB2-BZ101	NO	138	20	
	RB2-BZ102	NC			
	RB2-BZ103	1NO+1NO	234	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	42	100	
Neon Bulb (BA9S) 415V, 380V, 220V	RL1-CN			
Set of Lens (one inner and one outer) for Pilot Lamp Head	RB2-BV00*	24	20	
Lens for LED & Neon Type Pilot Lamp (w/o inner lens)	RB2-BVL00*			
Set of Lens (one inner and one outer) for Illuminating Actuator	RB2-BW00*			
Lens for Illuminating LED & Neon actuator (w/o inner lens)	RB2-BWL00*			
Silicon Cap suitable for, -Booted Push Button (coloured)	RB2BP00	24	100	
-Push Buttons Flush (Natural)	RC-S			
-Push Buttons Illuminated (Natural)	RCL			
Legend Plate with inscription (On, Off, Start, Stop, Slow, Fast, Forward, Reverse, Up, Down, Open, Close, Auto, Auto-o-Hand, Auto-Hand, Reset, Inch.)	RB2-BY#	24	100	
Body / Carrier with mounting screws (passivated) for making different assemblies	RB2-B*	48	20	
Yellow legend (PVC) φ60mm	RB2-PY9330	60	50	
Emergency Stop φ90mm	RB2-PY8330	66	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	24	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

## Control Stations (Assembled)

Complete Control Stations-Start & Stop Functions Plastic, Spring Return							[HSN Code: 8536]
Description	Scheme	Colour	Making on legend	Reference	MRP (₹)	Product Picture	
1 Flush Push Button	NO	3	I START	RC1P102	714		
				RC1P103			
1 Flush Push Button	NC	4	O STOP	RC1P112			
				RC1P114			
Latching Push Button	NC	4	STOP	RC1PBS542	767		
				RC1PYBS542			
Mushroom Head Key Switch	NC	4	STOP	RC1PBS142	1055		
				RC1PYBS142			
2 Flush Push Button	NO+NC	3	I	RC2P213	1019		
		4	O				
2 Flush Push Button	NO+NC	3	START	RC2P215			
		4	STOP				

Complete Control Stations Directional/Movement Control Functions Plastic, Spring Return							
Description	Scheme	Colour	Marking on legend	Reference	MRP (₹)	Product Picture	
2 Flush Push Button	NO + NO	1	↑ Up ↓ Down	RC2P222	1139		
				RC2P222A			
			↔ Right Left	RC2P223			
				RC2P223A			
			Open Close	1			RC2P241
				2			Forward Reverse
3 Flush Push Button	NO + NC + NO	3 4 3	Forward Stop Reverse	RC3P311	1475		
				RC3P321			
			Right Stop Left	RC3P331			
				RC3P341			
			1 4 2	↑ ↓ ← →			RC3P324
							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	Grey	Jet Black	2	RC - 2P	635		
			3	RC - 3P	719		
			4	RC - 4P	815		

\* 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

MOQ- Minimum Order Quantity

**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	1055	
				RC 1M 103		
1 Flush Push Button	NC	4	O STOP	RC 1M 112		
				RC 1M 114		
Latching Push Button	NC	4	STOP	RC 1MBS542	1175	
Mushroom Head Key Switch	NC	4	STOP	RC 1MBS142	1355	
2 Flush Push Button	NO+NC	3 4	I O	RC 2M 213	1343	
				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	1295	
				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	1649	
				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	815	
		2	RC - 2M	851	
		3	RC - 3M	1019	
		4	RC - 4M*	1241	

\* 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 ○	96	20	
	RP2-BA2 ●			
	RP2-BA3 ●			
	RP2-BA4 ●			
	RP2-BA5 ●			
	RP2-BA6 ●			
Projecting Push Button	RP2-BL1 ○	96	20	
	RP2-BL2 ●			
	RP2-BL3 ●			
	RP2-BL4 ●			
	RP2-BL5 ●			
Mushroom Spring Return	RP2-BC2 ●	144	8	
	RP2-BC3 ●			
	RP2-BC4 ●			
	RP2-BC5 ●			
Mushroom Stay Put	RP2-BS44 ●	180	10	
	RP2-BS54 ●	192	8	
	RP2-BS64 ●	312	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	276	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	396	10	
Key Selector 2-Position, Stay Put	RP2-BG4	Key removable in both positions	408		
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	420		
Key Selector 3-Position, Stay Put	RP2-BG0	Key removable in all positions			
Key Selector 3-Position, Stay Put	RP2-BG5	Key removable in L. H. & R. H. position	396		
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			
Key Selector 3-Position, Both Side Spring Return	RP2-BG7	Key removable in Centre position	396		
Mushroom Head with Key Stay Put	RP2-BS14	Key removable in both positions			



## 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○	108	20	
	RM2-BA2●			
	RM2-BA3●			
	RM2-BA4●			
	RM2-BA5●			
	RM2-BA6●			
	RM2-BA334 ■			
Projecting Push Button	RM2-BL1○	108	20	
	RM2-BL2●			
	RM2-BL3●			
	RM2-BL4●			
	RM2-BL5●			
	RM2-BL6●			
Mushroom Spring Return $\phi$ 40mm	RM2-BC2●	162	8	
	RM2-BC3●			
	RM2-BC4●			
	RM2-BC5●			
	RM2-BC6●			
Mushroom Stay Put $\phi$ 30mm $\phi$ 40mm $\phi$ 60mm	RM2-BS44●	204	10	
	RM2-BS54●	228	8	
	RM2-BS64●	264	5	
Mushroom Push-Pull Type $\phi$ 40mm	RM2-BT43●	228	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	96	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	12	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	288	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	396	10			
Key Selector 2-Position, Stay Put	RM2-BG4	Key removable in both positions	420				
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	420				
Key Selector 3-Position, Stay Put	RM2-BG3	Key removable in centre position					
Key Selector 3-Position, Stay Put	RM2-BG0	Key removable in all positions	444				
Key Selector 3-Position, Stay Put	RM2-BG5	Key removable in L.H. & R.H. position	444				
Key Selector 3-Position, Stay Put	RM2-BG9	Key removable in L.H. position	480				
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	420			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	12	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

- Industrial



## 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 for Industrial Segment

Conforming IS/IEC60947-4-1



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	4575	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	5175	6	
15	11	BE1-DXP254#321XH		14-22	5175		
		BE1-DXP254#322		18-25			
25	18	BE1-DXP404#353		23-32	7830		



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	16600	2	
12	9	BE3-DXP204#314		7.0-10			
15	11	BE3-DXP204#316X		9-14			
20	15	BE3-DXP204#321		13-18	16800	2	
		BE3-DXP254#321XH		14-22	18365		
25	18	BE3-DXP254#322		18-25	18365		
30	22	BE3-DXP254#353		23-32	21120		

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.



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	3525	1	
0.75	0.55	LE1-D173#306		1.0-1.60			
1.5	1.1	LE1-D173#307		1.60-2.50			
2	1.5	LE1-D173#308		2.50 - 4.00			
3	2.2	LE1-D173#310		4.00 - 6.00			
5	3.7	LE1-D173#312		5.50 - 8.00			
7.5	5.5	LE1-D173#316X		9.0 - 14.0	7170	1	
12	9	LE1-D253#321		13.0 - 18.0			
15	11	LE1-D253#322		18.0 - 25.0			

**Motor Starters for Industrial Segment**

Conforming IS/IEC60947-4-1



DOL Starter with D range Contactor & LR1D OLR in S.S. Enclosure				[HSN Code: 8536]		
Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ	
HP	KW					
0.5	0.37	BE1-D1735■305	0.63-1.00	4130	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	8420		
12	9	BE1-D2535■321	13.0-18.0			
15	11	BE1-D2535■322	18.0-25.0			
20	15	BE1-D3235■353	23.0-32.0			13950
30	22	BE1-D4035■355	28.0-40.0			22780
35	25	BE1-D5035■357	38.0-50.0			20425
40	30	BE1-D6335■359	48.0-57.0	26525		



Reversing Starter with D range Contactor & LR1D OLR in S.S. Enclosure				[HSN Code: 8536]		
Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ	
HP	KW					
0.5	0.37	BE2-D1735■305	0.63-1.00	12740	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	15470		
7.5	5.5	BE2-D1735■316X	9.0-14.0			
12.0	9.0	BE2-D2535■321	13.0-18.0			17390
15.0	11.0	BE2-D2535■322	18.0-25.0			25645
20.0	15.0	BE2-D3235■353	23.0-32.0			



Automatic Star Delta Starter with D range Contactor & robusta (F Range), LR1D OLR & Electronic Star Delta Timer				[HSN Code: 8536]	
Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	MOQ
KW	HP				
3	4	BE3-D1735■308	2.5-4.0	15130	1
4	5.5	BE3-D1735■310	4.0-6.0		
5.5	7.5	BE3-D1735■312	5.5 - 8.0		
9	12	BE3-D1735■314	7.0 - 10.0		
11	15	BE3-D1735■316X	9.0 - 14.0		
15	20	BE3-D2235■321	13.0 - 18.0	15440	
18	25	BE3-D2535■322	18.0 - 25.0	20920	
22	30	BE3-D3235■322	18.0 - 25.0	34865	
25	35	BE3-D3235■353	23.0 - 32.0		
30	40	BE3-D4035■355	30.0 - 40.0	41965	
37	50	BE3-D5035■355	30.0 - 40.0	55970	
51	70	BE3-D6335■359	48.0 - 57.0	92300	
59	80	BE3-D8035N 361	57.0 - 66.0		
75	100	BE3-F115 363	66.0 - 80.0	113470	
90	125	BE3-F115N105	65.0 - 105.0	134915	
110	150	BE3-F150N125	80.0 - 125.0	139165	
132	180	BE3-F185N160	100.0-160.0	222115	
160	220	BE3-F185N200	125.0-200.0		
200	270	BE3-F265N250	160.0-250.0	242935	
220	300	BE3-F330N315	200.0-315.0	251785	
260	350	BE3-F330S315	200.0-315.0		

☒ Non Stockable item

## Motor Starters for Industrial Segment

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 ~ 4.0	10855	1
4	5.5	BE3-D1735■310SA	4.0 ~ 6.0		
5.5	7.5	BE3-D1735■312SA	5.5 ~ 8.0		
9	12	BE3-D1735■314SA	7.0 ~ 10.0		
11	15	BE3-D1735■316XSA	9.0 ~ 14.0	14700	
15	20	BE3-D2535■321SA	13.0 ~ 18.0		
18	25	BE3-D2535■322SA	18.0 ~ 25.0		

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

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

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

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

### How to order Industrial Starter:

- 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.

### 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.

### 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

#### ■ Intelligent 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 rotor
- Electronic Star Delta Timer
- Housed in free standing IP 54 sheet steel enclosure with bottom cable entry

#### ■ 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 rotor
- Auto Transformer, air cooled, 6 starts/hours with built-in thermister having tapping at 50%, 60% & 80% of the rated voltage
- Electronic Timer for changeover function
- Housed in free standing IP 54 sheet steel enclosure with bottom cable entry





## Protection, Measurement & Control Devices



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

## Digital Panel Meters

### Models

1/3 Phase Voltage, Current, Frequency, Power Factor & Hour Meter

### Features

- Accuracy Class1.0
- Direct Current Measurement up to 60A based on Model selection.
- Programmable CT Primary & CT Secondary based on Model Selection
- 4 Quadrant Measurement
- True RMS Measurement
- 3 Smart Keys for easy access of parameters



Description	Reference	Communication	Accuracy class	MRP (₹)
1 Phase Voltage - 230V or 415V	CSM-A-V1-S1	NA	Class1	1350
1 Phase Current	CSM-A-I1-S1	NA	Class1	1350
1 Phase Frequency	CSM-A-F1-S1	NA	Class1	1350
1 Phase PF	CSM-A-P1-S1	NA	Class1	1350
3 Phase voltage	CSM-A-V3-S1	NA	Class1	1900
3 Phase Current	CSM-A-I3-S1	NA	Class1	1900
3 Phase Frequency	CSM-A-F3-S1	NA	Class1	1900
Hour Meter	CSM-A-H1-S1	NA	Class1	1350
3 Phase kWh	CSM-A-E3-S3	NA	Class1	4150
3 Phase kWh	CSM-A-E3-S3-C	NA	Class1	4850

## Multi Function Meters

### Features

- Accuracy Class1 (0.5 Optional)
- 2 Output Contact for trip
- Optional RS-485 Modbus Communication
- LED Display
- Number of sample per cycle 50 at 50Hz.
- Use on LV & HT System



Description	Reference	Communication	Accuracy class	MRP (₹)
3 Phase Voltage, Current, Frequency	CSM-A-M3-S3	NA	Class1	3150
3 Phase Voltage, Current, Frequency With communication	CSM-A-M3-S3-C	Available	Class1	3760
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh	CSM-A-M4-S3	NA	Class1	5530
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh with communication	CSM-A-M4-S3-C	Available	Class1	6450
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh	CSM-A-M5-S3	NA	Class1	7980
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh with Communication	CSM-A-M5-S3-C	Available	Class1	8900





## Power Quality Measurement

### Multifunction Metering

Current/ Voltage/ Frequency/ Power Factor/ Unbalance/ Phase Angle/ Energy Values/ THD/ Mode Dependent Export/Import Energy

### Features

- Accuracy Class1 (0.5 Optional)
- 2 Output Contact for trip
- Optional RS-485 Modbus Communication
- LED Display
- Number of sample per cycle 50 at 50Hz.
- Use on LV & HT System



Description	Reference	Communication	Accuracy class	MRP (₹)
3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW OR Per Ph & total kVA, Current & Voltage unbalance, RPM, kWh OR kVAh, THD Per Ph for Voltage & Current, Run hour, Contact for V/I/F/PF/W/VA, LED pulse check	CSM-T-MF2810	-	Class 1	21700
3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW OR Per Ph & total kVA, Current & Voltage unbalance, RPM, kWh OR kVAh, THD Per Ph for Voltage & Current, Run hour, Contact for V/I/F/PF/W/VA, LED pulse check	CSM-T-MFR2810	Modbus RS485	Class 1	23600
3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW OR Per Ph & total kVA, Current & Voltage unbalance, RPM, kWh OR kVAh, THD Per Ph for Voltage & Current, Run hour, Contact for V/I/F/PF/W/VA, LED pulse check	CSM-T-MF2805	-	Class 0.5	22600
3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW OR Per Ph & total kVA, Current & Voltage unbalance, RPM, kWh OR kVAh, THD Per Ph for Voltage & Current, Run hour, Contact for V/I/F/PF/W/VA, LED pulse check	CSM-T-MFR2805	Modbus RS485	Class 0.5	24600
3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW, Per Ph & total kVA, Per Ph & total kVAR, Current & Voltage unbalance, RPM, kWh, kVAh, kVARh, THD Per Ph for Voltage & Current, Run & ON hour, No of interrupt, LED pulse check, Phase angle between V&I for Ph1, Ph2, Ph3	CSM-T-MF4210	-	Class 1	30600
3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW, Per Ph & total kVA, Per Ph & total kVAR, Current & Voltage unbalance, RPM, kWh, kVAh, kVARh, THD Per Ph for Voltage & Current, Run & ON hour, No of interrupt, LED pulse check, Phase angle between V&I for Ph1, Ph2, Ph3	CSM-T-MFR4210	Modbus RS485	Class 1	33600
3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW, Per Ph & total kVA, Per Ph & total kVAR, Current & Voltage unbalance, RPM, kWh, kVAh, kVARh, THD Per Ph for Voltage & Current, Run & ON hour, No of interrupt, LED pulse check, Phase angle between V&I for Ph1, Ph2, Ph3	CSM-T-MF4205	-	Class 0.5	32600
3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW, Per Ph & total kVA, Per Ph & total kVAR, Current & Voltage unbalance, RPM, kWh, kVAh, kVARh, THD Per Ph for Voltage & Current, Run & ON hour, No of interrupt, LED pulse check, Phase angle between V&I for Ph1, Ph2, Ph3	CSM-T-MFR4205	Modbus RS485	Class 0.5	34600
3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW, Per Ph & total kVA, Per Ph & total kVAR, Current & Voltage unbalance, RPM, kWh, kVAh, kVARh, THD Per Ph for Voltage & Current, Run & ON hour, No of interrupt, Contact for V/I/F/PF/W/VA, LED pulse check	CSM-T-MFRR4210	Modbus RS485	Class 1	37600
3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW, Per Ph & total kVA, Per Ph & total kVAR, Current & Voltage unbalance, RPM, kWh, kVAh, kVARh, THD Per Ph for Voltage & Current, Run & ON hour, No of interrupt, Contact for V/I/F/PF/W/VA, LED pulse check	CSM-T-MFRR4205	Modbus RS485	Class 0.5	39600
3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW, Per Ph & total kVA, Per Ph & total kVAR, Current & Voltage unbalance, kWh, kVAh, kVARh, Export/Import, THD Per Ph for Voltage & Current, LED pulse check	CSM-T-MFR4805	Modbus RS485	Class 0.5	POR



# Protection, Measurement & Control Devices

## Demand Controller

### Metering

Current/ Voltage/ Frequency/ Power Factor/ Unbalance/ Phase Angle/ Energy Values/ THD

### Features

- Accuracy Class1 (0.5 Optional)
- 2 Output Contact for trip
- Optional RS-485 Modbus Communication
- LED Display
- Number of sample per cycle 50 at 50Hz.
- Use on LV & HT System



Description	Reference	Communication	Accuracy class	MRP (₹)
Demand controller with 3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW, Per Ph & total kVA, Per Ph & total kVAR, Phase angle between V&I for Ph1, Ph2, Ph3, RTC, Current & Voltage unbalance, kWh, kVAh, kVARh, THD Per Ph for Voltage & Current, LED pulse check, 2 output contacts for Demand control	CSM-T-SDC5110	Modbus RS485	Class 1	POR
Demand controller with 3 Phase Per Phase Current, Neutral Current, Ph to Ph Voltage, Ph to N Voltage, Frequency, Per Ph & Average PF, Per Ph & total kW, Per Ph & total kVA, Per Ph & total kVAR, Phase angle between V&I for Ph1, Ph2, Ph3, RTC, Current & Voltage unbalance, kWh, kVAh, kVARh, THD Per Ph for Voltage & Current, LED pulse check, 2 output contacts for Demand control	CSM-T-SDC5105	Modbus RS485	Class 0.5	POR

## 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	MRP (₹)
<b>Single CT Input Controller</b>		
6 Stage APFC Controller with Single CT Input	CSPF-100 -06-220	10890
8 Stage APFC Controller with Single CT Input	CSPF-100 -08-220	12890
12 Stage APFC Controller with Single CT Input	CSPF-100 -12-220	14720
<b>Three CT Input Controller</b>		
6 Stage APFC Controller with Three CT Input	CSPF-300 -06-220	POR
8 Stage APFC Controller with Three CT Input	CSPF-300 -08-220	POR
12 Stage APFC Controller with Three CT Input	CSPF-300 -12-220	POR

## Electronic Motor Protection Relay

### Models

mPRO200, mPRO100, mPRO90

### Protection

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

### 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



Description	Reference	Current Range (A)	MRP (₹)
RELAY MPRO-200-60-E-00-H-V2	MPRO-200-60-E-00-H-V2	5.0-60	16000
RELAY MPRO-200-05-E-00-H-V2	MPRO-200-05-E-00-H-V2	1.0-5.0	16000
RELAY MPRO-200-60-E-00-L-V2	MPRO-200-60-E-00-L-V2	5.0-60	16000
RELAY MPRO-200-05-E-00-L-V2	MPRO-200-05-E-00-L-V2	1.0-5.0	16000
RELAY MPRO-200-05-E-A0-H-V2	MPRO-200-05-E-A0-H-V2	1.0-5.0	20000
RELAY MPRO-200-05-E-A0-L-V2	MPRO-200-05-E-A0-L-V2	1.0-5.0	20000
RELAY MPRO-200-05-E-C0-H-V2	MPRO-200-05-E-C0-H-V2	1.0-5.0	20000
RELAY MPRO-200-05-E-C0-L-V2	MPRO-200-05-E-C0-L-V2	1.0-5.0	20000
RELAY MPRO-200-05-Z55-00-H-V2	MPRO-200-05-Z55-00-H-V2	1.0-5.0	21000
RELAY MPRO-200-05-Z55-00-L-V2	MPRO-200-05-Z55-00-L-V2	1.0-5.0	21000
RELAY MPRO-200-05-Z55-A0-L-C1-V2	MPRO-200-05-Z55-A0-L-C1-V2	1.0-5.0	40000
Relay MPRO-200-05-Z55-A0-L-V2	MPRO-200-05-Z55-A0-L-V2	1.0-5.0	29000
RELAY MPRO-200-05-Z55-A0-H-V2	MPRO-200-05-Z55-A0-H-V2	1.0-5.0	29000
Relay MPRO-200-05-Z55-C0-L-V2	MPRO-200-05-Z55-C0-L-V2	1.0-5.0	29000
RELAY MPRO-200-60-E-A0-L-V2	MPRO-200-60-E-A0-L-V2	5.0-60	20000
RELAY MPRO-200-60-E-A0-H-V2	MPRO-200-60-E-A0-H-V2	5.0-60	20000
RELAY MPRO-200-60-EZ-00-W-V2	MPRO-200-60-EZ-00-W-V2	5.0-60	40000
RELAY MPRO-200-60-EZ-R0-W-V2	MPRO-200-60-EZ-R0-W-V2	5.0-60	40000
RELAY MPRO-200-60-E-C0-H-V2	MPRO-200-60-E-C0-H-V2	5.0-60	20000
Relay MPRO-200-60-Z55-A0-L-C1-V2	MPRO-200-60-Z55-A0-L-C1-V2	5.0-60	40000
Relay MPRO-200-60-Z55-A0-L-V2	MPRO-200-60-Z55-A0-L-V2	5.0-60	29000
RELAY MPRO-200-60-Z55-A0-H-V2	MPRO-200-60-Z55-A0-H-V2	5.0-60	29000
RELAY MPRO-200-60-Z55-00-H-V2	MPRO-200-60-Z55-00-H-V2	5.0-60	21000
RELAY MPRO-200-60-Z55-00-L-V2	MPRO-200-60-Z55-00-L-V2	5.0-60	21000
RELAY MPRO-200-05-Z90-00-H-V2	MPRO-200-05-Z90-00-H-V2	1.0-5.0	25500
Relay MPRO-200-05-Z55-C0-L-V2	MPRO-200-5-Z55-C0-H-V2	1.0-5.0	29000



Description	Reference	Current Range (A)	MRP (₹)
Relay MPRO-100-5-E-H-V2	MPRO-100-5-E-H-V2	1.0-5.0	14500
RELAY MPRO-100-5-E-L-V2	MPRO-100-5-E-L-V2	1.0-5.0	14500
RELAY MPRO-100-60-E-H-V2	MPRO-100-60-E-H-V2	5.0-60	14500
RELAY MPRO-100-60-E-L-V2	MPRO-100-60-E-L-V2	5.0-60	14500
RELAY MPRO-100-5-Z55-L-V2	MPRO-100-5-Z55-L-V2	1.0-5.0	20000
RELAY MPRO-100-5-Z70-L-V2	MPRO-100-5-Z70-L-V2	1.0-5.0	24500
RELAY MPRO-100-5-Z90-L-V2	MPRO-100-5-Z90-L-V2	1.0-5.0	24500
RELAY MPRO-100-5-Z120-L-V2	MPRO-100-5-Z120-L-V2	1.0-5.0	23000
RELAY MPRO-100-60-Z55-L-V2	MPRO-100-60-Z55-L-V2	5.0-60	20000
RELAY MPRO-100-60-Z70-L-V2	MPRO-100-60-Z70-L-V2	5.0-60	21000
RELAY MPRO-100-60-Z90-L-V2	MPRO-100-60-Z90-L-V2	5.0-60	22000
RELAY MPRO-100-60-Z120-L-V2	MPRO-100-60-Z120-L-V2	5.0-60	23000
RELAY MPRO-100-5-Z55-H-V2	MPRO-100-5-Z55-H-V2	1.0-5.0	20000
RELAY MPRO-100-5-Z70-H-V2	MPRO-100-5-Z70-H-V2	1.0-5.0	21000
RELAY MPRO-100-5-Z90-H-V2	MPRO-100-5-Z90-H-V2	1.0-5.0	22000
RELAY MPRO-100-5-Z120-H-V2	MPRO-100-5-Z120-H-V2	1.0-5.0	23000
RELAY MPRO-100-60-Z55-H-V2	MPRO-100-60-Z55-L-V2	5.0-60	20000
RELAY MPRO-100-60-Z70-H-V2	MPRO-100-60-Z70-L-V2	5.0-60	21000
RELAY MPRO-100-60-Z90-H-V2	MPRO-100-60-Z90-L-V2	5.0-60	22000
RELAY MPRO-100-60-Z120-H-V2	MPRO-100-60-Z120-L-V2	5.0-60	23000



Description	Reference	Current Range (A)	MRP (₹)
RELAY MPRO-90-CT1-E	MPRO-90-CT1-E	0.2-10	8800
RELAY MPRO-90-CT2-E	MPRO-90-CT2-E	0.8-25	8800
RELAY MPRO-90-CT3-E	MPRO-90-CT3-E	2.0-62.5	9300
RELAY MPRO-90-CT4-E	MPRO-90-CT4-E	4.0-125	11000
RELAY MPRO-90-CT5-E	MPRO-90-CT5-E	8.0-250	14000
RELAY MPRO-90-CT1-E-SDT	MPRO-90-CT1-E-SDT	0.2-10	18500
RELAY MPRO-90-CT2-E-SDT	MPRO-90-CT2-E-SDT	0.8-25	18500
RELAY MPRO-90-CT3-E-SDT	MPRO-90-CT3-E-SDT	2.0-62.5	19000
Relay MPRO-90-CT4-E-SDT	MPRO-90-CT4-E-SDT	4.0-125	21000
RELAY MPRO-90-CT5-E-SDT	MPRO-90-CT5-E-SDT	8.0-250	24000

### Accessories

Description	Reference	MRP (₹)
Current Transformer for EMPR 100/5	3-CT-100/5	4250
Current Transformer for EMPR 200/5	3-CT-200/5	4250
Current Transformer for EMPR 300/5	3-CT-300/5	5300
Current Transformer for EMPR 400/5	3-CT-400/5	5300
Current Transformer for EMPR 500/5	3-CT-500/5	7500
Current Transformer for EMPR 600/5	3-CT-600/5	7500

## 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)	MRP (₹)
RELAY CSMPA-80-3SR,80A,100-260VAC	CSMPA-80-3SR,80A,100-260VAC	16-80	15000
RELAY CSMPA-40-3SR,40A,100-260VAC	CSMPA-40-3SR,40A,100-260VAC	8.0-40	14000
RELAY CSMPA-40-3SR,20A,100-260VAC	CSMPA-40-3SR,20A,100-260VAC	4.0-20	14000
RELAY CSMPA-22-3SR,22A,100-260VAC	CSMPA-22-3SR,22A,100-260VAC	4.4-22	14000
RELAY CSMPA-22-3SR,5A,100-260VAC	CSMPA-22-3SR,5A,100-260VAC	1.0-5	14000
RELAY CSMPA-22-3SR,1.5A,100-260VAC	CSMPA-22-3SR,1.5A,100-260VAC	0.3-1.5	14000
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	27000
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	32000
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	27000
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	32000
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	27000
RELAY CSMPM-06i-SZIA (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-06i-SZIA(2A+1B)AC/DC85-260V50/60HZ	0.5-6.0	40000
RELAY CSMPM-65i-S (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65i-S(2A+1B)AC/DC85-260V 50/60HZ	5.0-65	27000
RELAY CSMPM-65i-SE (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65i-SE(2A+1B)AC/DC85-260V 50/60HZ	5.0-65	32000
RELAY CSMPM-65i-SI (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65i-SI(2A+1B)AC/DC85-260V 50/60HZ	5.0-65	27000
RELAY CSMPM-65i-SM (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65i-SM(2A+1B)AC/DC85-260V 50/60HZ	5.0-65	32000
RELAY CSMPM-65i-SZ (2a+1b) AC/DC85-260V 50/60Hz	CSMPM-65i-SZ(2A+1B)AC/DC85-260V 50/60HZ	5.0-65	27000
IMC-IIIIM4852MAC110V50/60Hz	IMC-III-M485-2-MAC110V50/60Hz	6 / 60	74500
RELAY IMP-CNOAC/DC85-245V	IMP-C-NO AC/DC85-245V	10 / 100	37000
RELAY IMP-CA420AC/DC85-245V	IMP-C-A420 AC/DC85-245V	10 / 100	42500
RELAY IMP-C-M485-AC/DC 85-245-40/60	IMP-C-M485-AC/DC 85-245-40/60	10 / 100	42500
RELAY CSMPA-60-T,6A,220VAC	CSMPA-60-T,6A,220VAC	0.5-6.0	5850
RELAY CSMPA-60-T,60A,220VAC	CSMPA-60-T,60A,220VAC	5.0-60	5850
RELAY CSMPA-60-T,60A,110VAC	CSMPA-60-T,60A,110VAC	5.0-60	5850
RELAY CSMPA-60-T,6A,110VAC	CSMPA-60-T,6A,110VAC	0.5-6.0	5850
RELAY CSMPA-60-T,60A,415VAC	CSMPA-60-T,60A,415VAC	5.0-60	5850
RELAY CSMPA-60-T,6A,415VAC	CSMPA-60-T,6A,415VAC	0.5-6.0	5850

Accessories		
Description	Reference	MRP (₹)
RELAY ASSY.,(1-1.5)CSMPM	ASSY.,(1-1.5)CSMPM	3200
RELAY ASSY.,(4M)CSMPM	ASSY.,(4M)CSMPM	3500
DMPR ACCESSORY D30	Z-CTD30	4250
DMPR ACCESSORY D50	Z-CTD50	4800
DMPR ACCESSORY D65	Z-CTD65	5300
DMPR ACCESSORY D80	Z-CTD80	5800

## ELR - Earth Leakage Relay

### Models

ELR0.5, ELR0.7, ELR1.0, ELR3.0

### 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



Description	Reference	MRP (₹)
RELAY ELR1.0-S-03-W-C120	ELR1.0-S-03-W-C120	6500
RELAY ELR1.0-S-03-W-C150	ELR1.0-S-03-W-C150	10000
RELAY ELR1.0-S-03-W-C200	ELR1.0-S-03-W-C200	12500
Relay ELR-1.0-S-03-W-C55	ELR-1.0-S-03-W-C55	5000
RELAY ELR-1.0-S-03-W-C70	ELR-1.0-S-03-W-C70	5500
RELAY ELR-1.0-S-03-W-C90	ELR-1.0-S-03-W-C90	5500
RELAY ELR1.0-S-03-W-R300	ELR1.0-S-03-W-R300	15000
RELAY ELR-1.0-S-12-W-C120	ELR-1.0-S-12-W-C120	6500
RELAY ELR-1.0-S-12-W-C90	ELR-1.0-S-12-W-C90	5500
RELAY ELR-3.0-L-03-W-C120	ELR-3.0-L-03-W-C120	12500

## 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	MRP (₹)
RELAY EC2(VER1.10)	EC2(VER1.10)	21000
RELAY EC-RXA_V2	EC-RXA_V2	12750
RELAY EGA-250-0	EGA-250-0	15000
RELAY EC2(VER 2.10)	EC2-V2.10	21000
AMF Relay CD2.0 with MPU	AMF RELAY CD2.0 WITH MPU	16500
AMF Relay CD 5.0	AMF Relay CD 5.0	45000
RELAY DG Synchronizer Relay CD5.0 with RS485/Ethernet	DG SYNC RELAY CD5.0 RS485/ETHERNET	151000
RELAY EGC-250-0	EGC-250-0	16000



## 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	MRP (₹)
RELAY 110204A(E1Z1E1024-240VAC/DC)VE10	E1Z1E1024-240VAC/DC VE10 (110204A)	7700
RELAY 1340405H(E1YM400VS10)	E1YM400VS10 (1340405H)	4750
RELAY 2390410(G2IM10AL20,24-240V)	G2IM10AL20,24-240V (2390410)	24000
RELAY E1ZM10 12-240VAC/DC	E1ZM10 12-240VAC/DC	8000
RELAY E3TF01 230VAC	E3TF01 230VAC	13000
RELAY E3IM10AL20,230VAC(1341200)	E3IM10AL20,230VAC (1341200)	20200
RELAY E1ZMQ10 24-240VAC/DC	E1ZMQ10,24-240VAC/DC	8000
RELAY E1ZI10 12-240VAC/DC	E1ZI10 12-240VAC/DC	8000
RELAY G2PM690VSY20	G2PM690VSY20	25000
RELAY G2PM400VSY20(2390504)	G2PM400VSY20(2390504)	18500
RELAY G2IM5AL20,24-240V	G2IM5AL20,24-240V	24000
RELAY G2IM10AL20 24-240V AC/DC	G2IM10AL20 24-240V AC/DC	24000
RELAY TR2-400VAC(282117)	TR2-400VAC(282117)	2400

# 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

MCB | RCCB



# THE PROTECTOR

Life saver. Energy saver.

## MCB

### WIDE RANGE

0.5A~125A | B,C,D & K Curve | 1P, 2P, 3P, 3P+N, 4P  
IS/IEC-60898-1-2002  
Breaking Capacity-10kA  
Energy Limiting Class-3  
Pollution Degree-2  
Rated Frequency-50/60Hz  
Accessories Mountable-Yes

### SAFE

Positive Isolation | IP20 | Trip Free Mechanism

### CONVENIENT

Captive Screws | Bi-Connect Terminals  
Vertical-Horizontal Installation

### EASY IDENTIFICATION

Legend Plate | 2 Position Dolly

### HIGH PERFORMANCE

Energy Limiting Class 3 | Low Power Consumption

## RCCB

### WIDE RANGE

10A~100A | 30mA, 100mA, 300mA | 2P, 4P, 10kA

### SAFE

IP20 | Isolation | Fire Retardant Molded-case

### CONVENIENT

Dual Termination

### FAST RESPONSE

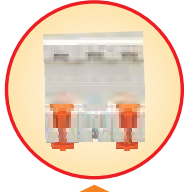
Instantaneous Trip < 40ms

### HIGH PERFORMANCE

Voltage Independent | No Nuisance Tripping



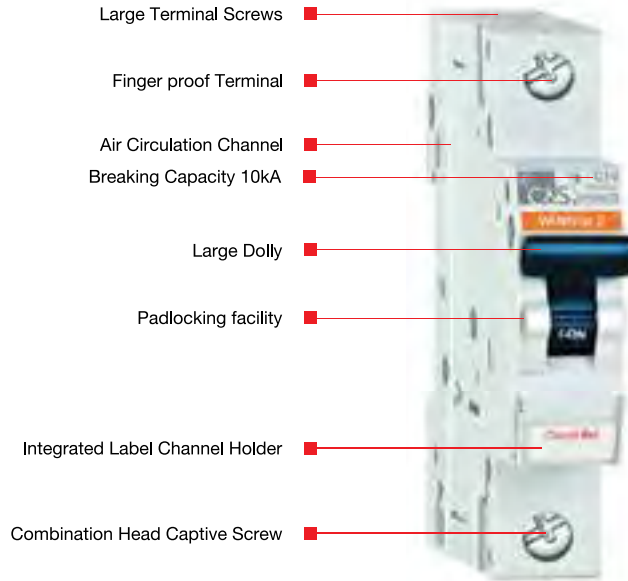
### WiNtrip2 Miniature Circuit Breaker



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.)
<b>1 Pole</b>			
6	CSMBS1B6	245	12
10	CSMBS1B10	245	
16	CSMBS1B16	245	
20	CSMBS1B20	245	
25	CSMBS1B25	245	
32	CSMBS1B32	245	
40	CSMBS1B40	570	
50	CSMBS1B50	640	
63	CSMBS1B63	640	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>3 Pole</b>			
6	CSMBS3B6	1330	4
10	CSMBS3B10	1330	
16	CSMBS3B16	1330	
20	CSMBS3B20	1330	
25	CSMBS3B25	1330	
32	CSMBS3B32	1330	
40	CSMBS3B40	1980	
50	CSMBS3B50	1980	
63	CSMBS3B63	1980	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>1 Pole + N</b>			
6	CSMBS1B6N	805	6
10	CSMBS1B10N	805	
16	CSMBS1B16N	805	
20	CSMBS1B20N	805	
25	CSMBS1B25N	805	
32	CSMBS1B32N	805	
40	CSMBS1B40N	1160	
50	CSMBS1B50N	1310	
63	CSMBS1B63N	1310	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>3 Pole + N</b>			
6	CSMBS3B6N	1750	3
10	CSMBS3B10N	1750	
16	CSMBS3B16N	1750	
20	CSMBS3B20N	1750	
25	CSMBS3B25N	1750	
32	CSMBS3B32N	1750	
40	CSMBS3B40N	2320	
50	CSMBS3B50N	2580	
63	CSMBS3B63N	2580	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>2 Pole</b>			
6	CSMBS2B6	890	6
10	CSMBS2B10	890	
16	CSMBS2B16	890	
20	CSMBS2B20	890	
25	CSMBS2B25	890	
32	CSMBS2B32	890	
40	CSMBS2B40	1260	
50	CSMBS2B50	1450	
63	CSMBS2B63	1450	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>4 Pole</b>			
6	CSMBS4B6	1930	3
10	CSMBS4B10	1930	
16	CSMBS4B16	1930	
20	CSMBS4B20	1930	
25	CSMBS4B25	1930	
32	CSMBS4B32	1930	
40	CSMBS4B40	2520	
50	CSMBS4B50	2690	
63	CSMBS4B63	2690	

CSMBS1B50, CSMBS1B50N, CSMBS2B50, CSMBS3B50, CSMBS3B50N, CSMBS4B50: 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.)
<b>1 Pole</b>			
0.5	CSMBS1C0.5	435	12
1	CSMBS1C1	435	
2	CSMBS1C2	435	
3	CSMBS1C3	435	
4	CSMBS1C4	435	
5	CSMBS1C5	435	
6	CSMBS1C6	254	
10	CSMBS1C10	254	
16	CSMBS1C 16	254	
20	CSMBS1C20	254	
25	CSMBS1C25	254	
32	CSMBS1C32	254	
40	CSMBS1C40	605	
50	CSMBS1C50	650	
63	CSMBS1C63	650	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>3 Pole</b>			
0.5	CSMBS3C0.5	1760	4
1	CSMBS3C1	1760	
2	CSMBS3C2	1760	
3	CSMBS3C3	1760	
4	CSMBS3C4	1760	
5	CSMBS3C5	1760	
6	CSMBS3C6	1410	
10	CSMBS3C10	1410	
16	CSMBS3C16	1410	
20	CSMBS3C20	1410	
25	CSMBS3C25	1410	
32	CSMBS3C32	1410	
40	CSMBS3C40	2090	
50	CSMBS3C50	2180	
63	CSMBS3C63	2180	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>1 Pole + N</b>			
0.5	CSMBS1C0.5N	1200	6
1	CSMBS1C1N	1200	
2	CSMBS1C2N	1200	
3	CSMBS1C3N	1200	
4	CSMBS1C4N	1200	
5	CSMBS1C5N	1200	
6	CSMBS1C6N	850	
10	CSMBS1C10N	850	
16	CSMBS1C16N	850	
20	CSMBS1C20N	850	
25	CSMBS1C25N	850	
32	CSMBS1C32N	850	
40	CSMBS1C40N	1240	
50	CSMBS1C50N	1400	
63	CSMBS1C63N	1400	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>3 Pole + N</b>			
0.5	CSMBS3C0.5N	2280	3
1	CSMBS3C1N	2280	
2	CSMBS3C2N	2280	
3	CSMBS3C3N	2280	
4	CSMBS3C4N	2280	
5	CSMBS3C5N	2280	
6	CSMBS3C6N	1790	
10	CSMBS3C10N	1790	
16	CSMBS3C16N	1790	
20	CSMBS3C20N	1790	
25	CSMBS3C25N	1790	
32	CSMBS3C32N	1790	
40	CSMBS3C40N	2440	
50	CSMBS3C50N	2590	
63	CSMBS3C63N	2590	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>2 Pole</b>			
0.5	CSMBS2C0.5	1254	6
1	CSMBS2C1	1254	
2	CSMBS2C2	1254	
3	CSMBS2C3	1254	
4	CSMBS2C4	1254	
5	CSMBS2C5	1254	
6	CSMBS2C6	890	
10	CSMBS2C10	890	
16	CSMBS2C16	890	
20	CSMBS2C20	890	
25	CSMBS2C25	890	
32	CSMBS2C32	890	
40	CSMBS2C40	1310	
50	CSMBS2C50	1490	
63	CSMBS2C63	1490	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>4 Pole</b>			
0.5	CSMBS4C0.5	2430	3
1	CSMBS4C1	2430	
2	CSMBS4C2	2430	
3	CSMBS4C3	2430	
4	CSMBS4C4	2430	
5	CSMBS4C5	2430	
6	CSMBS4C6	1980	
10	CSMBS4C10	1980	
16	CSMBS4C16	1980	
20	CSMBS4C20	1980	
25	CSMBS4C25	1980	
32	CSMBS4C32	1980	
40	CSMBS4C40	2720	
50	CSMBS4C50	2810	
63	CSMBS4C63	2810	

☒ 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.)
<b>1 Pole</b>			
0.5	CSMBS1D0.5	490	12
1	CSMBS1D1	490	
2	☒ CSMBS1D2	490	
3	CSMBS1D3	490	
4	CSMBS1D4	490	
5	CSMBS1D5	490	
6	☒ CSMBS1D6	400	
10	☒ CSMBS1D10	400	
16	☒ CSMBS1D16	400	
20	☒ CSMBS1D20	400	
25	☒ CSMBS1D25	400	
32	☒ CSMBS1D32	400	
40	CSMBS1D40	690	
50	CSMBS1D50	770	
63	CSMBS1D63	770	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>3 Pole</b>			
0.5	CSMBS3D0.5	1960	4
1	CSMBS3D1	1960	
2	CSMBS3D2	1960	
3	CSMBS3D3	1960	
4	CSMBS3D4	1960	
5	CSMBS3D5	1960	
6	☒ CSMBS3D6	1550	
10	CSMBS3D10	1550	
16	☒ CSMBS3D16	1550	
20	☒ CSMBS3D20	1550	
25	☒ CSMBS3D25	1550	
32	☒ CSMBS3D32	1550	
40	☒ CSMBS3D40	2350	
50	CSMBS3D50	2440	
63	☒ CSMBS3D63	2440	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>1 Pole + N</b>			
0.5	CSMBS1D0.5N	1240	6
1	CSMBS1D1N	1240	
2	CSMBS1D2N	1240	
3	CSMBS1D3N	1240	
4	CSMBS1D4N	1240	
5	CSMBS1D5N	1240	
6	CSMBS1D6N	980	
10	CSMBS1D10N	980	
16	CSMBS1D16N	980	
20	CSMBS1D20N	980	
25	CSMBS1D25N	980	
32	☒ CSMBS1D32N	980	
40	CSMBS1D40N	1450	
50	CSMBS1D50N	1550	
63	☒ CSMBS1D63N	1550	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>3 Pole + N</b>			
0.5	CSMBS3D0.5N	2530	3
1	CSMBS3D1N	2530	
2	CSMBS3D2N	2530	
3	CSMBS3D3N	2530	
4	CSMBS3D4N	2530	
5	CSMBS3D5N	2530	
6	CSMBS3D6N	2310	
10	CSMBS3D10N	2310	
16	☒ CSMBS3D16N	2310	
20	CSMBS3D20N	2310	
25	☒ CSMBS3D25N	2310	
32	☒ CSMBS3D32N	2310	
40	CSMBS3D40N	2560	
50	CSMBS3D50N	2680	
63	☒ CSMBS3D63N	2680	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>2 Pole</b>			
0.5	☒ CSMBS2D0.5	1315	6
1	CSMBS2D1	1315	
2	☒ CSMBS2D2	1315	
3	CSMBS2D3	1315	
4	☒ CSMBS2D4	1315	
5	CSMBS2D5	1315	
6	☒ CSMBS2D6	1050	
10	☒ CSMBS2D10	1050	
16	☒ CSMBS2D16	1050	
20	☒ CSMBS2D20	1050	
25	☒ CSMBS2D25	1050	
32	☒ CSMBS2D32	1050	
40	CSMBS2D40	1520	
50	CSMBS2D50	1580	
63	☒ CSMBS2D63	1580	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>4 Pole</b>			
0.5	CSMBS4D0.5	2590	3
1	CSMBS4D1	2590	
2	CSMBS4D2	2590	
3	CSMBS4D3	2590	
4	CSMBS4D4	2590	
5	CSMBS4D5	2590	
6	CSMBS4D6	2380	
10	CSMBS4D10	2380	
16	☒ CSMBS4D16	2380	
20	CSMBS4D20	2380	
25	CSMBS4D25	2380	
32	CSMBS4D32	2380	
40	☒ CSMBS4D40	2890	
50	CSMBS4D50	3170	
63	☒ CSMBS4D63	3170	

☒ Non Stockable item



## WiNtrip2 Miniature Circuit Breaker

### K-Series

IS/IEC 60947-2

Inductive load with surge current - Motor Circuit Applications

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>1 Pole</b>			
0.5	CSMBS1K0.5	505	12
1	CSMBS1K1	505	
2	CSMBS1K2	505	
3	CSMBS1K3	505	
4	CSMBS1K4	505	
5	CSMBS1K5	505	
6	CSMBS1K6	315	
10	CSMBS1K10	315	
16	CSMBS1K16	315	
20	CSMBS1K20	315	
25	CSMBS1K25	315	
32	CSMBS1K32	315	
40	CSMBS1K40	705	
50	CSMBS1K50	770	
63	CSMBS1K63	770	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>3 Pole</b>			
0.5	CSMBS3K0.5	1970	4
1	CSMBS3K1	1970	
2	CSMBS3K2	1970	
3	CSMBS3K3	1970	
4	CSMBS3K4	1970	
5	CSMBS3K5	1970	
6	CSMBS3K6	1630	
10	CSMBS3K10	1630	
16	CSMBS3K16	1630	
20	CSMBS3K20	1630	
25	CSMBS3K25	1630	
32	CSMBS3K32	1630	
40	CSMBS3K40	2380	
50	CSMBS3K50	2530	
63	CSMBS3K63	2530	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>1 Pole + N</b>			
0.5	CSMBS1K0.5N	1350	6
1	CSMBS1K1N	1350	
2	CSMBS1K2N	1350	
3	CSMBS1K3N	1350	
4	CSMBS1K4N	1350	
5	CSMBS1K5N	1350	
6	CSMBS1K6N	960	
10	CSMBS1K10N	960	
16	CSMBS1K16N	960	
20	CSMBS1K20N	960	
25	CSMBS1K25N	960	
32	CSMBS1K32N	960	
40	CSMBS1K40N	1380	
50	CSMBS1K50N	1555	
63	CSMBS1K63N	1555	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>3 Pole + N</b>			
0.5	CSMBS3K0.5N	2550	3
1	CSMBS3K1N	2550	
2	CSMBS3K2N	2550	
3	CSMBS3K3N	2550	
4	CSMBS3K4N	2550	
5	CSMBS3K5N	2550	
6	CSMBS3K6N	2080	
10	CSMBS3K10N	2080	
16	CSMBS3K16N	2080	
20	CSMBS3K20N	2080	
25	CSMBS3K25N	2080	
32	CSMBS3K32N	2080	
40	CSMBS3K40N	2790	
50	CSMBS3K50N	3000	
63	CSMBS3K63N	3000	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>2 Pole</b>			
0.5	CSMBS2K0.5	1420	6
1	CSMBS2K1	1420	
2	CSMBS2K2	1420	
3	CSMBS2K3	1420	
4	CSMBS2K4	1420	
5	CSMBS2K5	1420	
6	CSMBS2K6	1020	
10	CSMBS2K10	1020	
16	CSMBS2K16	1020	
20	CSMBS2K20	1020	
25	CSMBS2K25	1020	
32	CSMBS2K32	1020	
40	CSMBS2K40	1520	
50	CSMBS2K50	1725	
63	CSMBS2K63	1725	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>4 Pole</b>			
0.5	CSMBS4K0.5	2720	3
1	CSMBS4K1	2720	
2	CSMBS4K2	2720	
3	CSMBS4K3	2720	
4	CSMBS4K4	2720	
5	CSMBS4K5	2720	
6	CSMBS4K6	2310	
10	CSMBS4K10	2310	
16	CSMBS4K16	2310	
20	CSMBS4K20	2310	
25	CSMBS4K25	2310	
32	CSMBS4K32	2310	
40	CSMBS4K40	3090	
50	CSMBS4K50	3340	
63	CSMBS4K63	3340	

Non Stockable item

### WiNtrip2 Miniature Circuit Breaker

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	980
Auxiliary Contact	CSMBAXSF2	2NO-2NC	Changeover	Right	9 mm	Wintrip2 0.5-63	1020
Auxiliary Contact	CSMBAXSF11	1NO-1NC	Potential free	Left	18 mm	Wintrip2 0.5-63	980
Alarm Contact	CSMBALSF1	1 Changeover	Changeover	Right	9 mm	Wintrip2 0.5-63	870
Shunt Trip	CSMBS012DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1160
Shunt Trip	CSMBS024DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1160
Shunt Trip	CSMBS048DCSF	-	-	Left	18 mm	Wintrip2 0.5-63	1160
Shunt Trip	CSMBS220ACSF	-	-	Left	18 mm	Wintrip2 0.5-63	1160

### DC MCB-Series

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>1 Pole</b>			
0.5	CSMBS1DC0.5	580	12
1	CSMBS1DC1	580	
2	CSMBS1DC2	580	
3	CSMBS1DC3	580	
4	CSMBS1DC4	580	
5	CSMBS1DC5	580	
6	CSMBS1DC6	504	
10	CSMBS1DC10	504	
16	CSMBS1DC16	504	
20	CSMBS1DC20	504	
25	CSMBS1DC25	504	
32	CSMBS1DC32	504	
40	CSMBS1DC40	706	
50	CSMBS1DC50	816	
63	CSMBS1DC63	816	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>2 Pole</b>			
0.5	CSMBS2DC0.5	1358	6
1	CSMBS2DC1	1358	
2	CSMBS2DC2	1358	
3	CSMBS2DC3	1358	
4	CSMBS2DC4	1358	
5	CSMBS2DC5	1358	
6	CSMBS2DC6	1057	
10	CSMBS2DC10	1057	
16	CSMBS2DC16	1057	
20	CSMBS2DC20	1057	
25	CSMBS2DC25	1057	
32	CSMBS2DC32	1057	
40	CSMBS2DC40	1473	
50	CSMBS2DC50	1659	
63	CSMBS2DC63	1659	

### WiNtrip2 Isolator

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>1 Pole</b>			
25	CSMBS1ISO25	290	12
40	CSMBS1ISO40	380	
63	CSMBS1ISO63	420	
80	CSMBS1ISO80	470	
100	CSMBS1ISO100	550	
125	CSMBS1ISO125	640	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>3 Pole</b>			
25	CSMBS3ISO25	890	4
40	CSMBS3ISO40	1020	
63	CSMBS3ISO63	1140	
80	CSMBS3ISO80	1310	
100	CSMBS3ISO100	1350	
125	CSMBS3ISO125	1430	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>2 Pole</b>			
25	CSMBS2ISO25	480	6
40	CSMBS2ISO40	530	
63	CSMBS2ISO63	670	
80	CSMBS2ISO80	850	
100	CSMBS2ISO100	870	
125	CSMBS2ISO125	970	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>4 Pole</b>			
25	CSMBS4ISO25	940	3
40	CSMBS4ISO40	1160	
63	CSMBS4ISO63	1280	
80	CSMBS4ISO80	1580	
100	CSMBS4ISO100	1600	
125	CSMBS4ISO125	1770	

❌ Non Stockable item

For WiNtrip MCB / Isolator prices please contact nearest Branch Office.

### Higher Rating Miniature Circuit Breakers

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>1 Pole</b>			
80	CSMBH1C80	2380	3
100	CSMBH1C100	2670	
125	CSMBH1C125	2890	
<b>2 Pole</b>			
80	CSMBH2C80	5290	3
100	CSMBH2C100	5650	
125	CSMBH2C125	6210	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>3 Pole</b>			
80	CSMBH3C80	8350	1
100	CSMBH3C100	8890	
125	CSMBH3C125	9880	
<b>4 Pole</b>			
80	CSMBH4C80	10630	1
100	CSMBH4C100	11080	
125	CSMBH4C125	12510	

### 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	1100
Auxiliary Contact	CSMBAXHSF2	2NO-2NC	Changeover	Right	9 mm	Wintrip2 80-100	1140
Alarm Contact	CSMBALHSF1	1 Changeover	Changeover	Right	9 mm	Wintrip2 80-100	1100
Shunt Trip	CSMBHS012DCSF	-	-	Left	18 mm	Wintrip2 80-100	1290
Shunt Trip	CSMBHS024DCSF	-	-	Left	18 mm	Wintrip2 80-100	1290
Shunt Trip	CSMBHS048DCSF	-	-	Left	18 mm	Wintrip2 80-100	1290
Shunt Trip	CSMBHS220ACSF	-	-	Left	18 mm	Wintrip2 80-100	1290

### Wintrip MCB Type Changeover Switch

[HSN Code: 8536]



Description	Pole	Rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>2 Pole</b>					
Two way centre OFF Changeover Switch	2	25	CSCOS2P25A	1710	6
Two way centre OFF Changeover Switch	2	40	CSCOS2P40A	2530	
Two way centre OFF Changeover Switch	2	63	CSCOS2P63A	2940	

[HSN Code: 8536]



Description	Pole	Rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
<b>4 Pole</b>					
Two way centre OFF Changeover Switch	4	25	CSCOS4P25A	3230	3
Two way centre OFF Changeover Switch	4	40	CSCOS4P40A	4840	
Two way centre OFF Changeover Switch	4	63	CSCOS4P63A	5190	

### SmartSol Mini MCB DP

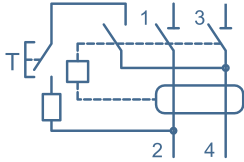
[HSN Code: 8536]



Description	Current rating (Amps.)	Reference	MRP (₹)
DP "C" 6-32A Mini MCB with Enclosure	6-32	CSMBSS2C6-32	590
SPN "C" 6-32A Mini MCB with Enclosure	6-32	CSMBSS1C6-32*N	575

Non Stockable item

### WiNtrip Residual Current Circuit Breaker



Test Button

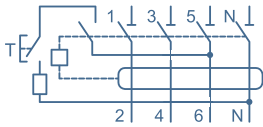


Bi-connect Terminals

2 Pole, 30mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB2P10A30-10kA	3200	6
16	CSRB2P16A30-10kA	3200	
20	☒CSRB2P20A30-10kA	3200	
25	CSRB2P25A30-10kA	3300	
32	CSRB2P32A30-10kA	3370	
40	CSRB2P40A30-10kA	3390	
63	CSRB2P63A30-10kA	4530	
80	☒CSRB2P80A30-10kA	6760	
100	☒CSRB2P100A30-10kA	6800	

2 Pole, 100mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	☒CSRB2P10A100-10kA	3200	6
16	CSRB2P16A100-10kA	3200	
20	☒CSRB2P20A100-10kA	3200	
25	CSRB2P25A100-10kA	3300	
32	CSRB2P32A100-10kA	3370	
40	CSRB2P40A100-10kA	3390	
63	CSRB2P63A100-10kA	4530	
80	CSRB2P80A100-10kA	6760	
100	☒CSRB2P100A100-10kA	6800	

2 Pole, 300mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB2P10A300-10kA	3210	6
16	☒CSRB2P16A300-10kA	3210	
20	CSRB2P20A300-10kA	3220	
25	CSRB2P25A300-10kA	3470	
32	☒CSRB2P32A300-10kA	3510	
40	☒CSRB2P40A300-10kA	3720	
63	☒CSRB2P63A300-10kA	4660	
80	☒CSRB2P80A300-10kA	6800	
100	CSRB2P100A300-10kA	6830	

**WiNtrip Residual Current Circuit Breaker**


Test Button



Bi-connect Terminals

4 Pole, 30mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	☒ CSR4P10A30-10kA	3980	3
16	CSR4P16A30-10kA	4000	
20	☒ CSR4P20A30-10kA	4040	
25	CSR4P25A30-10kA	4230	
32	CSR4P32A30-10kA	4240	
40	CSR4P40A30-10kA	4340	
63	CSR4P63A30-10kA	4930	
80	CSR4P80A30-10kA	7450	
100	☒ CSR4P100A30-10kA	7650	

4 Pole, 100mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	☒ CSR4P10A100-10kA	3980	3
16	☒ CSR4P16A100-10kA	4000	
20	CSR4P20A100-10kA	4040	
25	CSR4P25A100-10kA	4230	
32	CSR4P32A100-10kA	4240	
40	CSR4P40A100-10kA	4340	
63	CSR4P63A100-10kA	4930	
80	CSR4P80A100-10kA	7450	
100	CSR4P100A100-10kA	7650	

4 Pole, 300mA 10kA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	☒ CSR4P10A300-10kA	4000	3
16	☒ CSR4P16A300-10kA	4030	
20	CSR4P20A300-10kA	4060	
25	☒ CSR4P25A300-10kA	4430	
32	☒ CSR4P32A300-10kA	4430	
40	CSR4P40A300-10kA	4620	
63	CSR4P63A300-10kA	4960	
80	☒ CSR4P80A300-10kA	7500	
100	CSR4P100A300-10kA	7690	

**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.



# EPiC <sup>New</sup>

## Distribution Boards

- SPN Single Door Distribution Board
- SPN Double Door Distribution Board
- TPN Horizontal Single Door Distribution Board
- TPN Horizontal Double Door Distribution Board
- TPN Vertical Double Door Distribution Board







## 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	3755
TCALSS010	30	1	3755
TCALSS015	30	1.5	3755
TCALSS025	30	2.5	3755
TCALSS030	30	3	3755
TCALSS040	30	4	3755
TCALSS050	30	5	3755
TCALSS060	30	6	3755
TCALSS080	30	8	3755
TCALSS090	30	9	3755
TCALSS100	30	10	3755
TCALSS150	30	15	3755
TCALSS200	30	20	3755
TCALSS250	30	25	3755
TCALSS300	30	30	3755

Non Stockable item



# Epitome

## IP43 Distribution Boards

for household & industrial application

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

EPIHOME IP43 Distribution Boards			[HSN Code: 8537]
Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
<b>SPN Distribution Board</b>			
SPN Double Door 04 Way IP43 DB	CSDBSPNPWXDD04	4	2160
SPN Double Door 06 Way IP43 DB	CSDBSPNPWXDD06	6	2530
SPN Double Door 08 Way IP43 DB	CSDBSPNPWXDD08	8	2730
SPN Double Door 10 Way IP43 DB	CSDBSPNPWXDD10	10	3290
SPN Double Door 12 Way IP43 DB	CSDBSPNPWXDD12	12	3460
SPN Double Door 16 Way IP43 DB	CSDBSPNPWXDD16	16	4410
SPN Double Door 20 Way IP43 DB	CSDBSPNPWXDD20	20	5950
SPN Double Door 24 Way IP43 DB	CSDBSPNPWXDD24	24	6740
<b>TPN Distribution Board</b>			
TPNH Double Door 04 Way IP43 DB	CSDBTPNHPWXDD04	8+12	5820
TPNH Double Door 06 Way IP43 DB	CSDBTPNHPWXDD06	8+18	7280
TPNH Double Door 08 Way IP43 DB	CSDBTPNHPWXDD08	8+24	9040
TPNH Double Door 12 Way IP43 DB	CSDBTPNHPWXDD12	8+36	12250
TPNH Double Door 16 Way IP43 DB	CSDBTPNHPWXDD16	8+48	15970

Non Stockable item

E <i>Pi</i> C Distribution Board <span style="float: right;">[HSN Code: 8537]</span>			
Description	Product Code	Total Modules	MRP (₹)
<b>SPN Distribution Board</b>			
04 WAY SPN Single Door	CSDBSPNPESD04	4	990
06 WAY SPN Single Door	CSDBSPNPESD06	6	1080
08 WAY SPN Single Door	CSDBSPNPESD08	8	1270
12 WAY SPN Single Door	CSDBSPNPESD12	12	1620
16 WAY SPN Single Door	CSDBSPNPESD16	16	2080
<b>SPN Distribution Board</b>			
04 WAY SPN Double Door	CSDBSPNPEDD04	4	1650
06 WAY SPN Double Door	CSDBSPNPEDD06	6	1780
08 WAY SPN Double Door	CSDBSPNPEDD08	8	2060
10 WAY SPN Double Door	CSDBSPNPEDD10	10	2490
12 WAY SPN Double Door	CSDBSPNPEDD12	12	2710
16 WAY SPN Double Door	CSDBSPNPEDD16	16	3370
<b>TPN-Horizontal Distribution Board</b>			
04 WAY TPNH Single Door	CSDBTPNHPESD04	20	3120
06 WAY TPNH Single Door	❑CSDBTPNHPESD06	26	3910
08 WAY TPNH Single Door	❑CSDBTPNHPESD08	32	4580
12 WAY TPNH Single Door	❑CSDBTPNHPESD12	44	6180
<b>TPN-Horizontal Distribution Board</b>			
04 WAY TPNH Double Door	CSDBTPNHPEDD04	20	4520
06 WAY TPNH Double Door	CSDBTPNHPEDD06	26	5570
08 WAY TPNH Double Door	CSDBTPNHPEDD08	32	6670
12 WAY TPNH Double Door	❑CSDBTPNHPEDD12	44	9080
<b>TPN-Vertical Distribution Board</b>			
04 WAY TPNH Double Door	❑CSDBTPNVPEDD04	20	8330
06 WAY TPNH Double Door	❑CSDBTPNVPEDD06	26	9870
08 WAY TPNH Double Door	❑CSDBTPNVPEDD08	32	11480
12 WAY TPNH Double Door	❑CSDBTPNVPEDD12	44	14650



C&S Distribution Board <span style="float: right;">[HSN Code: 8537]</span>			
Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
<b>SPN Distribution Board</b>			
04 WAY SPN Single Door	CSDBSPNPESD04	4	1000
06 WAY SPN Single Door	CSDBSPNPESD06	6	1100
08 WAY SPN Single Door	CSDBSPNPESD08	8	1270
12 WAY SPN Single Door	CSDBSPNPESD12	12	1660
16 WAY SPN Single Door	CSDBSPNPESD16	16	2170
<b>SPN Distribution Board</b>			
04 WAY SPN Double Door	CSDBSPNPDD04	4	1650
06 WAY SPN Double Door	CSDBSPNPDD06	6	1850
08 WAY SPN Double Door	CSDBSPNPDD08	8	2090
10 WAY SPN Double Door	CSDBSPNPDD10	10	2540
12 WAY SPN Double Door	CSDBSPNPDD12	12	2760
16 WAY SPN Double Door	CSDBSPNPDD16	16	3440
<b>TPN-Horizontal Distribution Board</b>			
04 WAY TPNH Single Door	CSDBTPNHPSD04	8+12	3230
06 WAY TPNH Single Door	❑CSDBTPNHPSD06	8+18	4030
08 WAY TPNH Single Door	❑CSDBTPNHPSD08	8+24	4690
12 WAY TPNH Single Door	❑CSDBTPNHPSD12	8+36	6330
<b>TPN-Horizontal Distribution Board</b>			
04 WAY TPNH Double Door	CSDBTPNHPPDD04	8+12	4520
06 WAY TPNH Double Door	CSDBTPNHPPDD06	8+18	5630
08 WAY TPNH Double Door	CSDBTPNHPPDD08	8+24	6880
12 WAY TPNH Double Door	CSDBTPNHPPDD12	8+36	9630



❑ Non Stockable item

**C&S WiNclass Distribution Board (Deepdrawn)**



SPN WiNclass Distribution Board			[HSN Code: 8537]
Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
2+04 Way Single Door	CSDBSPNSD04S	2+04	1310
2+08 Way Single Door	CSDBSPNSD08S	2+08	1640
2+12 Way Single Door	CSDBSPNSD12S	2+12	2250
2+14 Way Single Door	CSDBSPNSD16S	2+14	2800
2+04 Way Double Door	CSDBSPNDD04S	2+04	2130
2+08 Way Double Door	CSDBSPNDD08S	2+08	2650
2+12 Way Double Door	CSDBSPNDD12S	2+12	3470
2+14 Way Double Door	CSDBSPNDD16S	2+14	4540



TPN WiNclass Distribution Board			
04 Way Single Door DB	CSDBTPNHSD04S	8+12	4270
06 Way Single Door DB	CSDBTPNHSD06S	8+18	5120
08 Way Single Door DB	CSDBTPNHSD08S	8+24	5620
12 Way Single Door DB	CSDBTPNHSD12S	8+36	7430
16 Way Single Door DB	CSDBTPNHSD16S	8+48	9300
04 Way Double Door DB	CSDBTPNHDD04SN	4+12	5610
04 Way Double Door DB	CSDBTPNHDD04S	8+12	5670
06 Way Double Door DB	CSDBTPNHDD06S	8+18	7100
08 Way Double Door DB	CSDBTPNHDD08S	8+24	8940
12 Way Double Door DB	CSDBTPNHDD12S	8+36	12730
16 Way Double Door DB	CSDBTPNHDD16S	8+48	16060

**WiNtrip Distribution Board**



Distribution Board (Deepdrawn with Pan Assembly)			[HSN Code: 8537]
SPN Distribution Board			
Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
04 Way Single Door	CSDBSPNSD04	4	1810
08 Way Single Door	CSDBSPNSD08	8	2280
12 Way Single Door	CSDBSPNSD12	12	2710
16 Way Single Door	CSDBSPNSD16	16	3390
04 Way Double Door	CSDBSPNDD04	4	2550
08 Way Double Door	CSDBSPNDD08	8	3150
12 Way Double Door	CSDBSPNDD12	12	3810
16 Way Double Door	CSDBSPNDD16	16	4780



TPN Distribution Board - Horizontal			
04 Way Single Door	CSDBTPNHSD04	8+12	4860
06 Way Single Door	CSDBTPNHSD06	8+18	6080
08 Way Single Door	CSDBTPNHSD08	8+24	7220
12 Way Single Door	CSDBTPNHSD12	8+36	10560
16 Way Single Door	CSDBTPNHSD16	8+48	12900
04 Way Double Door	CSDBTPNHDD04	8+12	6430
06 Way Double Door	CSDBTPNHDD06	8+18	7950
08 Way Double Door	CSDBTPNHDD08	8+24	9530
12 Way Double Door	CSDBTPNHDD12	8+36	14200
16 Way Double Door	CSDBTPNHDD16	8+48	17370



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	1910
SPN WC 08 WAY SD WITH ACRYLIC DOOR	CSDBSPNSDCA08	8	2130
SPN WC 12 WAY SD WITH ACRYLIC DOOR	CSDBSPNSDCA12	12	2750
SPN WC 16 WAY SD WITH ACRYLIC DOOR	CSDBSPNSDCA16	16	3500

Non Stockable item



## WiNtrip Distribution Board



Double Door DB (with Acrylic Window)		[HSN Code: 8537]
Description	Product Code	MRP (₹)
SPN Distribution Board Double Door 4 Way	CSDBSPNDDA2+04	2680
SPN Distribution Board Double Door 8 Way	CSDBSPNDDA2+08	3140
SPN Distribution Board Double Door 12 Way	CSDBSPNDDA2+12	3820
SPN Distribution Board Double Door 16 Way	CSDBSPNDDA2+14	4730



Phase Selector Distribution Board - TPN Phase Selector DD DB for incorporating MCB / Isolator / RCCB, equipped with 3 Nos 63A Phase Selector Switches & 3 No Plano Switches		[HSN Code: 8537]
Description	Product Code	MRP (₹)
4 Way DD with 63A Rotary Switch	CSDBPHSCDD04RS63	17830
6 Way DD with 63A Rotary Switch	CSDBPHSCDD06RS63	18240
8 Way DD with 63A Rotary Switch	CSDBPHSCDD08RS63	20130
12 Way DD with 63A Rotary Switch	CSDBPHSCDD12RS63	22300
4 Way DD with 40A Rotary Switch	CSDBPHSCDD04RS40	17720
6 Way DD with 40A Rotary Switch	CSDBPHSCDD06RS40	17920
8 Way DD with 40A Rotary Switch	CSDBPHSCDD08RS40	19940
12Way DD with 40A Rotary Switch	CSDBPHSCDD12RS40	21920
4 Way DD without Rotary Switch	CSDBPHSCDD04	15240
6 Way DD without Rotary Switch	CSDBPHSCDD06	15620
8 Way DD without Rotary Switch	CSDBPHSCDD08	17190
12 Way DD without Rotary Switch	CSDBPHSCDD12	19640



VTN Distribution Board (with provision for WiNtrip2 MCB)		[HSN Code: 8537]	
Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
4 way Double Door	CSDBTPNVDD04S	8+12	14540
6 way Double Door	CSDBTPNVDD06S	8+18	16660
8 way Double Door	CSDBTPNVDD08S	8+24	18420
12 way Double Door	CSDBTPNVDD12S	8+36	24670




VTN Distribution Board (with provision for WINbreak MCCB as incomer & WiNtrip2 MCB as outgoing)		[HSN Code: 8537]
Description	Product Code	MRP (₹)
MCCB as incomer 100A DD04 Way IP43	CSDBMCCB100DD04IP43S	17850
MCCB as incomer 100A DD08 Way IP43	CSDBMCCB100DD08IP43S	22690
MCCB as incomer 100A DD12 Way IP43	CSDBMCCB100DD12IP43S	30280
MCCB as incomer 250A DD04 Way IP43	CSDBMCCB225DD04IP43S	31700
MCCB as incomer 250A DD08 Way IP43	CSDBMCCB225DD08IP43S	37300
MCCB as incomer 250A DD12 Way IP43	CSDBMCCB225DD12IP43S	38960

VTN 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 IP43	CSDBMCCB125PDD04S	15430
DB MCCB AS I/C 100A DD08 WAY IP43	CSDBMCCB125PDD08S	17380
DB MCCB AS I/C 100A DD12 WAY IP43	CSDBMCCB125PDD12S	24030
DB MCCB AS I/C 250A DD04 WAY IP43	CSDBMCCB250PDD04S	18520
DB MCCB AS I/C 250A DD08 WAY IP43	CSDBMCCB250PDD08S	24120
DB MCCB AS I/C 250A DD12 WAY IP43	CSDBMCCB250PDD12S	30130

☒ Non Stockable item

## WiNtrip Distribution Board

Selection Table for MCCB as Incomer VTPN Distribution Boards				
	Description	Product Code	Type/ Breaking Capacity Ics=100%Icu	MCCB Rating (A)
 WINbreak MCCB	CS2A3* CS2A4* CSC1S3* CSC1S4* CSC2N3* CSC2N4*	CSDBMCCB100DD04IP43S CSDBMCCB100DD08IP43S CSDBMCCB100DD12IP43S	CS2A=10kA CSC1S=18kA CSC2N=18kA	15, 20, 30, 40, 50, 60, 75 & 100
	CSC4N3* CSC4N4* CSC4S3* CSC4S4*	CSDBMCCB225DD04IP43S CSDBMCCB225DD08IP43S CSDBMCCB225DD12IP43S	CSC4N=26kA CSC4S=37kA	100, 125, 150, 175 200 & 250 150, 175, 200 & 250
	CSE1M125ATM3P-*, CSE1M125ATM4P-*, CSE1NN125ATM3P-*, CSE1NN125ATM4P-*, CSE1NN125ETM3P-*, CSE1NN125ETM4P-*, CSE1S125ETM3P-*, CSE1S125ETM4P-*	CSDBMCCB125PDD04S CSDBMCCB125PDD08S CSDBMCCB125PDD12S	25kA, 36kA & 50kA	15, 20, 30, 40, 50, 60, 75 & 100
	CSE2M250ATM3P-*, CSE2M250A M4P-*, CSE2NN250ATM3P-*, CSE2NN250ATM4P-*, CSE2NN250ETM3P-*, CSE2NN250ETM4P-*, CSE2S250ETM3P-*, CSE2S250ETM4P-*, CSE2SX250ETM3P-*, CSE2SX250ETM4P-*, CSE2SX250ATM3P-*, CSE2SX250ATM4P-*	CSDBMCCB250PDD04S CSDBMCCB250PDD08S CSDBMCCB250PDD12S	25kA, 36kA & 50kA	160, 200, 250 & 63-160 80-100, 100-250

**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	13970
	CSDB7SEGDD06	8+12+18	15730
	<input checked="" type="checkbox"/> CSDB7SEGDD08	8+12+24	17580
	<input checked="" type="checkbox"/> CSDB7SEGDD12	8+12+36	22330

**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	7670
FLEXI DD DB 3 ROW 13 MODULES	CSDBFLDD3R13	9040
FLEXI DD DB 4 ROW 13 MODULES	CSDBFLDD4R13	9990

\*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	7930
6 Way Double Door	<input checked="" type="checkbox"/> CSDBTPNPPIDD06	8+6+18	9900
8 Way Double Door	CSDBTPNPPIDD08	8+6+24	12020
12 Way Double Door	CSDBTPNPPIDD12	8+6+36	13900



## 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	4600
SPN 06 way Tel & TV Socket DB (2+6)	CSDBSPNDDTELV06	4880
SPN 08 way Tel & TV Socket DB (2+8)	☒CSDBSPNDDTELV08	5180
SPN 10 way Tel & TV Socket DB (2+10)	☒CSDBSPNDDTELV10	5520
SPN 12 way Tel & TV Socket DB (2+12)	☒CSDBSPNDDTELV12	6140
SPN 14 way Tel & TV Socket DB (2+14)	☒CSDBSPNDDTELV14	6340
TPN 04 way Tel & TV Socket DB (8+12)	CSDBTPNDDTELV04	7640
TPN 06 way Tel & TV Socket DB (8+18)	CSDBTPNDDTELV06	8770
TPN 08 way Tel & TV Socket DB (8+24)	☒CSDBTPNDDTELV08	10110
TPN 12 way Tel & TV Socket DB (8+36)	☒CSDBTPNDDTELV12	13160

### Cable End Box



WiNtrip Cable End Box		
[HSN Code: 8537]		
Description	Product Code	MRP (₹)
<b>SPN Cable End Box</b>		
SPN 4 Way	CSDBCSPNDD04	1060
SPN 8 Way	☒CSDBCSPNDD08	1320
SPN 12 Way	☒CSDBCSPNDD12	1550
SPN 16 Way	CSDBCSPNDD16	1820
<b>TPNH Cable End Box</b>		
TPNH 4 way	☒CSDBCTPNHDD04	1580
TPNH 6 way	☒CSDBCTPNHDD06	1650
TPNH 8 way	☒CSDBCTPNHDD08	2080
TPNH 12 way	☒CSDBCTPNHDD12	2310
TPNH 16 way	CSDBCTPNHDD16	2740
<b>TPNV Cable End Box</b>		
TPNV 4 way	☒CSDBCTPNVDD	2140
TPNV 8 way	☒CSDBCTPNVDD	2140
TPNV 12 way	☒CSDBCTPNVDD	2140

WiNclass Cable End Box		
[HSN Code: 8537]		
Description	Product Code	MRP (₹)
<b>SPN Cable End Box</b>		
SPN 4 Way	CSDBCSPNDD04S	980
SPN 8 Way	CSDBCSPNDD08S	1200
SPN 12 Way	CSDBCSPNDD12S	1420
SPN 16 Way	CSDBCSPNDD16S	1700
<b>TPNH Cable End Box</b>		
TPNH 4 way	CSDBCTPNHDD04SN	1270
TPNH 6 way	CSDBCTPNHDD06S	1510
TPNH 8 way	☒CSDBCTPNHDD08S	1750
TPNH 12 way	☒CSDBCTPNHDD12S	2210
TPNH 16 way	CSDBCTPNHDD16S	2630

### New C&S / Epic Cable End Box



New C&S / Epic Cable End Box		
[HSN Code: 8537]		
Description	Product Code	MRP (₹)
<b>SPN Cable End Box</b>		
SPN 4 Way	CSDBCSPNPDD04	810
TPNH 6 way	CSDBCSPNPDD06	910
SPN 8 Way	☒CSDBCSPNPDD08	1020
SPN 12 Way	CSDBCSPNPDD12	1260
SPN 16 Way	CSDBCSPNPDD16	1540
<b>TPNH Cable End Box</b>		
TPNH 4 way	CSDBCTPNHPDD04	1310
TPNH 6 way	CSDBCTPNHPDD06	1520
TPNH 8 way	☒CSDBCTPNHPDD08	1720
TPNH 12 way	CSDBCTPNHPDD12	2200

☒ Non Stockable item



# Plug and Socket DBs



<b>WiNtrip Plug and Socket DBs (without MCB)</b> [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	1340	12
20Amp SPN	CSDBPSSPN020	1340	12
20Amp SPN (SP Cutout)	CSDBPSSPN020SP	1340	12
20Amp TPN	CSDBPSTPN020	3570	6
30Amp TPN	CSDBPSTPN030	3570	6



<b>WiNtrip Plug and Sockets (Metal Clad)</b> [HSN Code: 8537]			
Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
10Amp SPN Plug	CSDBPSPN010	300	36
10Amp SPN Socket	CSDBSSPN010	290	36
20Amp SPN Plug	CSDBPSPN020	320	36
20Amp SPN Socket	CSDBSSPN020	380	36
20Amp TPN Plug	CSDBPTPN020	390	36
20Amp TPN Socket	CSDBSTPN020	390	36
30Amp TPN Plug	CSDBPTPN030	610	36
30Amp TPN Socket	CSDBSTPN030	610	36



<b>WiNtrip Metal Enclosures (with Din Rail)</b> [HSN Code: 8537]			
For Mounting WiNtrip MCBs / RCCBs / Isolators			
Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
SP Enclosure	CSDBMCBESP	500	24
DP Enclosure	CSDBMCBEDP	500	24
TP Enclosure	CSDBMCBETP	590	12
FP Enclosure	CSDBMCBEFP	590	12



<b>WiNtrip Plastic Enclosure without MCB</b> [HSN Code: 8537]		
Description	Product Code	MRP (₹)
Plastic MCB Enclosure SP&DP/STD	CSDBMCBEPPD	200
Plastic MCB Enclosure TP&FP/STD	CSDBMCBEPPF	270

<b>MCB Enclosure IP55</b> [HSN Code: 8537]			
4 Pole Enclosure			
Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
MCB Enclosure IP55 04 Way	CSDBEP04	2040	1

Non Stockable item



# YOUR SAFETY MATTERS US

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



ANTIBACTERIAL MODULAR SWITCHES



MODULAR SWITCHES



WEATHER PROOF ENCLOSURES

## Primo Plus SWITCHES

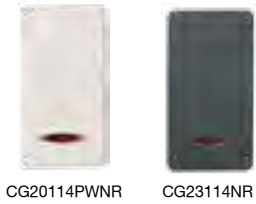
- Available with Anti Bacterial features\* Sleek design, compatible with PRIMO range of switches
- Highly aesthetic break free design
- Compatible to market boxes
- High gloss design
- Designed with front mounting and removable feature
- Ease of mounting
- Available in 1M -18M

**DIVINO**  
SWITCHES

**Primo Plus**  
SWITCHES

**COMBI**  
WEATHER-PROOF ENCLOSURES.

**primo**  
SWITCHES



Switches							
Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)	
<b>One-Way Switches</b>							
CG20113PWNR / CG23113NR	85361010	1P-6A	General	1	107	20	
CG20114PWNR / CG23114NR	85361010	1P-6A	Luminous	1	145		
CG20573PWNR / CG23573NR	85361020	1P-16A	General	1	167		
CG20574PWNR / CG23574NR	85361020	1P-16A	Luminous	1	192		
CG20117PWNR / CG23117NR	85361020	1P-25A	General	1	216		
CG20118PWNR / CG23118NR	85361020	1P-25A	Luminous	1	265		
CG20120PWNR / CG23120NR	85361020	2P-32A	Luminous	2	391	10	
<b>Two-Way Switches</b>							
CG20123PWNR / CG23123NR	85361010	1P-6A	General	1	141	20	
CG20578PWNR / CG23578NR	85361020	1P-16A	General	1	209		

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)	
<b>Bell Push Switches</b>							
CG20508PWNR / CG23508NR	85361010	1P-6A	Luminous	1	184	20	
CG20509PWNR / CG23509NR	85361010	1P-6A	With Symbol	1	145		

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)	
<b>Blanking Modules</b>							
CG20056PWNR / CG23056NR	85381010	1 Gang	-	1	33	40	
CG20073PWNR / CG23073NR	85381010	2 Gang	-	2	58	20	

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)	
<b>Neon Indicators</b>							
CG20634PWNR / CG23634NR	85361010	Red Color	-	1	95	20	

Fan Regulator / Dimmer							
Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)	
<b>Fan Regulator</b>							
CG20826PWNR / CG23826NR	85361010	5 Step (100W)	Rotary	2	442	10	
CG20827PWNR / CG23827NR	85361010	4 Step (100W)	Rotary	1	351	20	

Product Code - Pure White / Grey	HSN Code	Description	Type	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)	
<b>Dimmer</b>							
CG20801PWNR / CG23801NR	85361010	500W	Rotary (Stepless)	2	439	10	
CG20804PWNR / CG23804NR	85361010	300W	Rotary (Stepless)	1	388	20	





CG20370PWNR CG23370NR



CG20251PWNR CG23251NR



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.)	
<b>Sockets With Safety Shutters</b>							
CG20370PWNR / CG23370NR	85361010	6A-3 Pin Socket	Round	2	137	10	
CG20354PWNR / CG23354NR	85361020	6/16A Twin Socket 3 Pin (Flushed)	Round	3	264	6	
CG20352PWNR / CG23352NR	85361020	6/16A Twin Socket 3 Pin (Projected)	Round	2	250	10	

Product Code - Pure White / Grey	HSN Code	Description	Nos. Pairs	For Plug Pin	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Telephone / Computer / TV Socket</b>							
CG20251PWNR / CG23251NR	85361010	RJ11	2	Twisted pair	1	115	20
CG20271PWNR / CG23271NR	85361010	RJ45 CAT5e	4	UTP		446	
CG20228PWNR / CG23228NR	85361010	TV Socket	-	-		109	
CG20272PWNR / CG23272NR	85361010	RJ45 CAT6	4	UTP		527	
CG20273PWNR / CG23273NR	85361010	RJ45 CAT6a		UTP	1158		

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	900	20

Hospitality Range					
Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Energy Key Tag</b>					
CG20815PWNR / CG23815NR	85361020	1P-25A, 230V-Energy Key Switch With Tag	2	579	1
CG20434PWNR / CG23434NR	85361010	Tag For Energy Key Tag	-	119	-
Application activation of functions service inside hotel rooms (e.g.m light, air-conditioner, minibar) when the room is occupied (with badge inserted)					
<b>Do Not Disturb</b>					
CG20609PWNR / CG23609NR	85361010	Indicator	1	105	20
CG20124PWNR / CG23124NR	85361010	6A-230V, IW, SP Luminous Switch		149	
CG20612PWNR / CG23612NR	85361010	Unit (Indicator+Switch)	1+1	249	10
<b>Room Occupied</b>					
CG20610PWNR / CG23610NR	85361010	Indicator	1	105	20
CG20125PWNR / CG23125NR	85361010	6A-230V, IW, SP Luminous Switch		149	
CG20613PWNR / CG23613NR	85361010	Unit (Indicator+Switch)	1+1	249	10
<b>Make My Room</b>					
CG20611PWNR / CG23611NR	85361010	Indicator	1	105	20
CG20126PWNR / CG23126NR	85361010	6A-230V, IW, SP Luminous Switch		149	
CG20614PWNR / CG23614NR	85361010	Unit (Indicator+Switch)	1+1	249	10



# Modular Switches | DIVINO



CG20825PWNR



CG20632NR



CG20436PWNR



CG20443PWNR



CG26401PWNR



CG20362PWNR



CG25703PWNR



CG25803PWNR

Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Time Delay Electronic Switch (Card Operated)</b>					
CG20825PWNR / CG23825NR	85361020	25A	3	1300	6
<b>Foot Lamp</b>					
CG20631NR	94051090	230V-LED Yellow Night Lamp	3	361	6
CG20632NR	94051090	230V-LED Blue Night Lamp			
CG20633NR	94051090	230V-LED White Night Lamp			

<b>Modular Miniature Case Circuit Breaker - WIntrip 'S'</b>					
Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Single Pole</b>					
CG20431PWNR	85361010	6A Single Pole 4.5kA - Tripping Curve 'C'	1	210	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'			
<b>Double Pole</b>					
CG20438PWNR	85361010	6A Double Pole 4.5kA - Tripping Curve 'C'	2	503	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'			

<b>Power Unit</b>				
Product Code - Pure White	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG26401PWNR	85371000	16Amp Power Unit	922	1
<b>Power Unit with PVC</b>				
CG26404PWNR	85371000	16Amp Power Unit	803	1

<b>Motor Starter</b>					
Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CG20362PWNR / CG23362NR	85361020	Motor Starter 16A	2	430	1
CG20364PWNR / CG23364NR	85361020	Motor Starter 25A	2	548	

<b>Pure White Cover Plates With Support Plate</b>					
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	197	5	
CG25706PWNR / CG25806PWNR	85381010	6 Module Plate	264		
CG25708PWNR / CG25808PWNR	85381010	8 Module Plate - Vertical	341		
CG25709PWNR / CG25809PWNR	85381010	8 Module Plate - Horizontal			
CG25712PWNR / CG25812PWNR	85381010	12 Module Plate	428		
CG25718PWNR / CG25818PWNR	85381010	18 Module Plate	649		



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	328	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	507	
			800	



CG25803GRNR

Cover Plates With Support Plate				
Product Code Vera / Virna	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
<b>Cadet Grey / Black Olive / Argent Grey / Charcol Black / Arsenic Black / Champagne / Candy Red / Coral Red / British Green Plates</b>				
CG25701NR / CG25801NR	85381010	1 Module Plate	267	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	592	5
CG25708NR / CG25808NR	85381010	8 Module - Vertical		
CG25709NR / CG25809NR	85381010	8 Module - Horizontal		
CG25712NR / CG25812NR	85381010	12 Module Plate		
CG25718NR / CG25818NR	85381010	18 Module Plate	755	
			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



CG25803BGNR



CG25803CORNR

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		
CG25709NR / CG25809NR	85381010	8 Module Plate - Horizontal		
CG25712NR / CG25812NR	85381010	12 Module Top Plate		
CG25718NR / CG25818NR	85381010	18 Module Plate	970	
			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

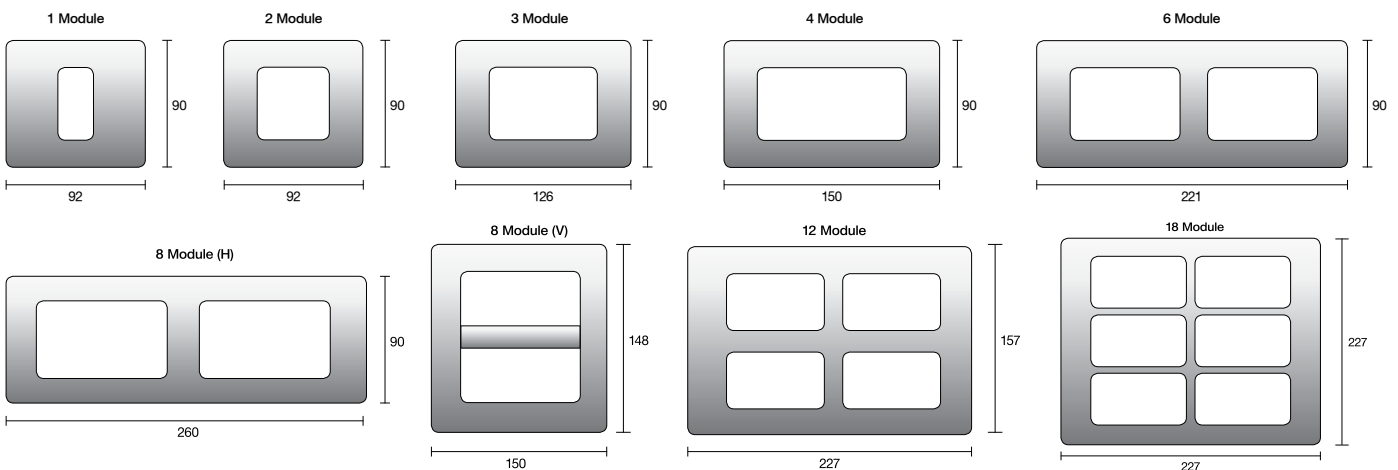


CG25703BWNR



CG25803EWNR

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





# Weather Proof Enclosures COMBI



CG26000WNR CG26400WNR



CG24025WNR



CG26012WNR

IP55 & IP40 Enclosures						
Product Code	HSN Code	Description	Configuration	MRP (₹)	Std. Pkg. (Nos.)	
<b>Watertight And Dust Proof Enclosures IP55-Surface Mounting</b>						
CG26000WNR	85371000	Bell Push	1 Module	642	1	
CG26400WNR	85371000	16A Switch, 6/16A Socket	3 Module	1093		
CG26016WNR	85371000	6A Switch	1 Module	593		
<b>IP55 Motor Starter</b>						
CG26018WNR	85381010	IP55 2M Enclosure With 16A Motor Starter		1069	1	
CG26019WNR	85381010	IP55 2M Enclosure With 25A Motor Starter		1256		
<b>Watertight Plates For Flush Mounting Installations IP55 (Compatible with 3M concealed box)</b>						
CG24025WNR	85381010	3 Gang		680	10	
Product Code	HSN Code	Description	Configuration	External Dim. LxHxD (mm)	MRP (₹)	Std. Pkg. (Nos.)
<b>Watertight Enclosures For Fixed Or Movable Applications</b>						
CG26010WNR	85381010	1 Gang	Module 1	80x64x59	459	10
CG26011WNR	85381010	2 Gang	Module 2	80x64x59	476	
CG26012WNR	85381010	3 Gang	Module 3	80x96x59	575	
CG26013WNR	85381010	4 Gang	Module 4x1	80x128x59	754	
CG26014WNR	85381010	8 Gang	Module 4x2	160x128x59	1286	5
CG26015WNR	85381010	12 Gang	Module 4x3	240x128x59	1695	3

## DUST PROOF WATER PROOF

A Switch designed to win the biggest test.  
Nature...



CG28015NR



CG28017NR



CG28020NR



ACBHS001NR ACBHA004NR



ACBHA005NR



ACBHS006NR



ACBHS008NR



ACCR001NR

Top Plug				
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG28014NR	85361010	6A Plug Top	65	10
CG28015NR	85361020	16A Plug Top	93	

Top Plug with Indicator				
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG28017NR	85361020	16A Plug Top	104	10

Multi Plug Socket				
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CG28020NR	85361010	6A Multi Plug Socket	88	10

Batten Holder				
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
ACBHS001NR	85381010	Straight Batten Holder (Plain)	54	20
ACBHA003NR	85381010	Angular Batten Holder (Plain)		
ACBHS002NR	85381010	Straight Batten Holder (Fancy)	65	
ACBHA004NR	85381010	Angular Batten Holder (Fancy)		
ACBHA005NR	85381010	Batten Holder common (2 in 1)	75	
ACBHS006NR	85381010	Square Batten Holder (Plain)	86	
ACBHA007NR	85381010	Square angle Batten Holder (Plain)		
ACBHS008NR	85381010	Slim Batten Holder (Fancy)	94	
ACBHA009NR	85381010	Slim angle Batten Holder (Fancy)		
Ceiling Rose				
ACCR001NR	85381010	Ceiling rose	45	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



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



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

\* The Antibacterial feature are available only in White & Grey top plates & accessories.





CS20114PNR



CS20123PNR



CS20511PNR



CS20056PNR



CS20631NR



CS20801PNR

<b>Switches</b>						
Product Code - Pure White / Grey	HSN Code	Description	Type	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>One-Way Switches</b>						
CS20113PNR / CS23113PNR	85361010	6A, 250V	General	1	94	20
CS20114PNR / CS23114PNR	85361010	6A, 250V	Luminous	1	118	
CS20115PNR / CS23115PNR	85361010	6A, 250V	Luminous	2	131	10
CS20573PNR / CS23573PNR	85361020	16A, 250V	General	1	137	20
CS20574PNR / CS23574PNR	85361020	16A, 250V	Luminous	1	172	
CS20575PNR / CS23575PNR	85361020	16A, 250V	Luminous	2	180	10
CS20117PNR / CS23117PNR	85361020	25A, 250V	General	1	181	20
CS20118PNR / CS23118PNR	85361020	25A, 250V	Luminous	1	214	
CS20119PNR / CS23119PNR	85361020	25A, 250V	General	2	216	10
CS20120PNR / CS23120PNR	85361020	25A, 250V	Luminous	2	239	
<b>Two-Way Switches</b>						
CS20123PNR / CS23123PNR	85361010	6A, 250V	General	1	130	20
CS20124PNR / CS23124PNR	85361010	6A, 250V	General	2	134	10
CS20578PNR / CS23578PNR	85361020	16A, 250V	General	1	204	20
CS20579PNR / CS23579PNR	85361020	16A, 250V	General	2	225	10
Product Code - Pure White / Grey	HSN Code	Description	Type	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Bell Push Switches</b>						
CS20509PNR / CS23509PNR	85361010	6A, Bell Push	General	1	126	20
CS20508PNR / CS23508PNR	85361010	6A, Bell Push	Luminous	1	146	
CS20510PNR / CS23510PNR	85361010	6A, Bell Push	General	2	140	10
CS20511PNR / CS23511PNR	85361010	6A, Bell Push	Luminous	2	147	
<b>Blanking Module</b>						
CS20056PNR / CS23056PNR	85381010	1M Blank	General	1	32	50
Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)	
<b>Neon Indicator</b>						
CS20631PNR / CS23631PNR	85361010	Neon Indicator Red	1	75	20	
Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)	
<b>Fan Regulator / Dimmer</b>						
CS20826PNR / CS23826PNR	85361010	5-Step Fan Regulator 100W	2	417	10	
CS20827PNR / CS23827PNR	85361010	4-Step Fan Regulator 100W	1	335	20	
CS20801PNR / CS23801PNR	85361010	Rotary Type Dimmer 500W	2	425	10	
CS20804PNR / CS23804PNR	85361010	Rotary Type Dimmer 300W	1	311	20	



CS20370PNR

Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Sockets with Safety Shutters</b>					
CS20370PNR / CS23370PNR	85361010	6A, 3 Pin	2	111	10
CS20352PNR / CS23352PNR	85361020	6/16A, 6 Pin	3	205	
CS20354PNR / CS23354PNR	85361020	6/16A, Socket Projected	2	193	



CS20228PNR

Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>TV Socket / Flex Outlet</b>					
CS20228PNR / CS23228PNR	85361010	TV Socket	1	105	20
CS20237PNR / CS23237PNR	85361010	Flex Outlet	1	73	



CS20251PNR

Product Code - Pure White / Grey	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Telephone / Computer Socket</b>					
CS20251PNR / CS23251PNR	85361010	RJ 11, Telephone Jack	1	105	20
CS20271PNR / CS23271PNR	85361010	RJ 45, Computer Jack CAT5e	1	332	
CS20272PNR / CS23272PNR	85361010	RJ 45, Computer Jack CAT6	1	515	
CS20273PNR / CS23273PNR	85361010	RJ 45, Computer Jack CAT6a	1	986	



CS20275PNR

<b>USB Charger Socket</b>					
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	890	20



CS20816PNR

<b>Hospitality Range</b>					
Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Energy Saving Switch</b>					
CS20816PNR / CS23816PNR	85361020	25A, Energy Saving Switch With Key Tag & Indicator	2	473	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

<b>DND/MMR Switch Units</b>					
Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS20610PNR / CS23610PNR	85361010	DND/MMR External Unit	1	224	20
CS20611PNR / CS23611PNR	85361010	DND/MMR Internal Unit	1+1	217	10



CS20632PNR CS20633PNR

<b>Skirt Light &amp; Night Lamp</b>					
Product Code - Pure White / Grey	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS20632PNR / CS23632PNR	94051090	Skirt Light	2	354	10
CS20633PNR / CS23633PNR	94051090	Night Lamp	2	371	10





CS26404PWNR

Primo Plus Power Unit with PVC					
Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
CS26404PWNR	85371000	Power Unit Combo 16A MCB Protected Socket	4	758	1



CS25803WHNR

Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
<b>Swan White (Cover Plates with Support Plate)</b>				
CS25801WHNR	85381010	1 Module Plate	90	10
CS25802WHNR	85381010	2 Module Plate		
CS25803WHNR	85381010	3 Module Plate	125	
CS25804WHNR	85381010	4 Module Plate	131	
CS25806WHNR	85381010	6 Module Plate	191	
CS25808WHNR	85381010	8 Module Plate (Horizontal)	239	
CS25809WHNR	85381010	8 Module Plate (Vertical)		
CS25812WHNR	85381010	12 Module Plate	322	5
CS25816WHNR	85381010	16 Module Plate	373	
CS25818WHNR	85381010	18 Module Plate	395	
<b>Glossy Grey (Cover Plates with Support Plate)</b>				
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	



CS25803GRNR



Cover Plates with Support Plate				
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
<b>Cadet Grey / Black Olive / Argent Grey / Charcol Black / Arsenic Black / Champagne / Candy Red / Corel Red / British Green Plates</b>				
CS25801NR	85381010	1 Module Plate	197	10
CS25802NR	85381010	2 Module Plate		
CS25803NR	85381010	3 Module Plate	233	
CS25804NR	85381010	4 Module Plate	261	
CS25806NR	85381010	6 Module Plate	394	5
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				



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	
CS25806NR	85381010	6 Module Plate	508	5
CS25808NR	85381010	8 Module Plate - Horizontal	586	
CS25809NR	85381010	8 Module Plate - Vertical		
CS25812NR	85381010	12 Module Top Plate	759	
CS25816NR	85381010	16 Module Top Plate	847	
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	59	10
CG24271NR	85381010	2 Module Box	75 X 75 X 50		
CG24272NR	85381010	3 Module Box	100 X 75 X 50	85	
CG24273NR	85381010	4 Module Box	135 X 76 X 50	96	5
CG24274NR	85381010	6 Module Box	210 X 75 X 50	135	
CG24275NR	85381010	8 Module Box (4 +4)	134 X 140 X 52	170	
CG24276NR	85381010	8 Module Box (Horizontal)	232 X 79 X 52		
CG24277NR	85381010	12 Module Box	210 X 140 X 50	192	
CG24279NR	85381010	16 Module Box	210 X 140 X 60	263	7
CG24278NR	85381010	18 Module Box	210 X 210 X 56	271	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



CS20114NR



CS20123NR



CS20511NR



CS20056NR



CS20631NR



CS20801NR



CS20370NR



CS20228NR



CS20251NR

Switches						
Product Code - Pure White	HSN Code	Description	Type	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>One-Way Switches</b>						
CS20113NR	85361010	6A, 250V	General	1	80	20
CS20114NR	85361010	6A, 250V	Luminous	1	109	
CS20115NR	85361010	6A, 250V	Luminous	2	121	10
CS20573NR	85361020	16A, 250V	General	1	127	20
CS20574NR	85361020	16A, 250V	Luminous	1	157	
CS20575NR	85361020	16A, 250V	Luminous	2	167	10
CS20117NR	85361020	25A, 250V	General	1	168	20
CS20118NR	85361020	25A, 250V	Luminous	1	199	
CS20119NR	85361020	25A, 250V	General	2	199	10
CS20120NR	85361020	25A, 250V	Luminous	2	222	
<b>Two-Way Switches</b>						
CS20123NR	85361010	6A, 250V	General	1	123	20
CS20124NR	85361010	6A, 250V	General	2	127	10
CS20578NR	85361020	16A, 250V	General	1	176	20
CS20579NR	85361020	16A, 250V	General	2	180	10

Product Code - Pure White	HSN Code	Description	Type	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Bell Push Switches</b>						
CS20509NR	85361010	6A, Bell Push	General	1	105	20
CS20508NR	85361010	6A, Bell Push	Luminous	1	122	
CS20510NR	85361010	6A, Bell Push	General	2	130	10
CS20511NR	85361010	6A, Bell Push	Luminous	2	137	
<b>Blanking Module</b>						
CS20056NR	85381010	1M Blank	General	1	28	50

Product Code - Pure White	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Neon Indicator</b>					
CS20631NR	85361010	Neon Indicator Red	1	70	20

Product Code - Pure White	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Fan Regulator / Dimmer</b>					
CS20826NR	85361010	5-Step Fan Regulator 100W	2	405	10
CS20827NR	85361010	4-Step Fan Regulator 100W	1	314	20
CS20801NR	85361010	Rotary Type Dimmer 500W	2	390	10
CS20804NR	85361010	Rotary Type Dimmer 300W	1	295	20
<b>Sockets with Safety Shutters</b>					
CS20370NR	85361010	6A, 3 Pin	2	100	10
CS20352NR	85361020	6/16A, 6 Pin	3	198	
CS20354NR	85361020	6/16A, Socket Projected	2	184	

Product Code - Pure White	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>TV Socket / Flex Outlet</b>					
CS20228NR	85361010	TV Socket	1	98	20
CS20237NR	85361010	Flex Outlet	1	62	

Product Code - Pure White	HSN Code	Description	No. Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Telephone / Computer Socket</b>					
CS20251NR	85361010	RJ 11, Telephone Jack	1	98	20
CS20271NR	85361010	RJ 45, Computer Jack CAT5e	1	316	
CS20272NR	85361010	RJ 45, Computer Jack CAT6	1	489	
CS20273NR	85361010	RJ 45, Computer Jack CAT6a	1	938	



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	875	20



CS20815NR

Hospitality Range					
Product Code-Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Energy Saving Switch</b>					
CS20815NR	85361020	25A, Energy Saving Switch With Key Tag & Indicator	2	457	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					
CS20610NR	85361010	DND/MMR External Unit	1	210	20
CS20611NR	85361010	DND/MMR Internal Unit	1+1	200	10



CS20632NR CS20633NR

Skirt Light & Night Lamp					
CS20632NR	94051090	Skirt Light	2	341	10
CS20633NR	94051090	Night Lamp	2	357	10

Modular Miniature Case Circuit Breaker - WIntrip 'S'					
Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Single &amp; Double Pole</b>					
CS20431NR	85361010	6A Single Pole 4.5kA - Tripping Curve 'C'	1	210	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'	2	503	6
CS20438NR	85361010	6A Double Pole 4.5kA - Tripping Curve 'C'			
CS20439NR	85361010	10A Double Pole 4.5kA - Tripping Curve 'C'			
CS20440NR	85361020	16A Double Pole 4.5kA - Tripping Curve 'C'			
CS20441NR	85361020	20A Double Pole 4.5kA - Tripping Curve 'C'			
CS20442NR	85361020	25A Double Pole 4.5kA - Tripping Curve 'C'			
CS20443NR	85361020	32A Double Pole 4.5kA - Tripping Curve 'C'			



CS20431NR CS20443NR

Non-Modular Miniature Case Circuit Breaker - WIntrip 'S'					
Product Code - Pure White	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Single &amp; Double Pole</b>					
CS20431NNR	85361010	6A Single Pole 4.5kA-Tripping Curve 'C'	1	210	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'	2	503	6
CS20438NNR	85361010	6A Double Pole 4.5kA-Tripping Curve 'C'			
CS20439NNR	85361010	10A Double Pole 4.5kA-Tripping Curve 'C'			
CS20440NNR	85361020	16A Double Pole 4.5kA-Tripping Curve 'C'			
CS20441NNR	85361020	20A Double Pole 4.5kA-Tripping Curve 'C'			
CS20442NNR	85361020	25A Double Pole 4.5kA-Tripping Curve 'C'			
CS20443NNR	85361020	32A Double Pole 4.5kA-Tripping Curve 'C'			



CS20436NR CS20438NR



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	759	1



Top Plates with Support Plate				
Product Code - Pure White	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CS25701WHNR	85381010	1 Module Plate	78	10
CS25702WHNR	85381010	2 Module Plate	121	
CS25703WHNR	85381010	3 Module Plate	126	
CS25704WHNR	85381010	4 Module Plate	171	
CS25705WHNR	85381010	5 Module Plate (Compatible with 4M Metal Box)	226	
CS25706WHNR	85381010	6 Module Plate	284	
CS25707WHNR	85381010	8 Module-Horizontal	370	5
CS25709WHNR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)		
CS25710WHNR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)	284	
CS25711WHNR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)		
CS25712WHNR	85381010	12 Module Plate	360	
CS25716WHNR	85381010	16 Module Plate (Compatible With 12M Metal Box)	370	
CS25718WHNR	85381010	18 Module Plate		

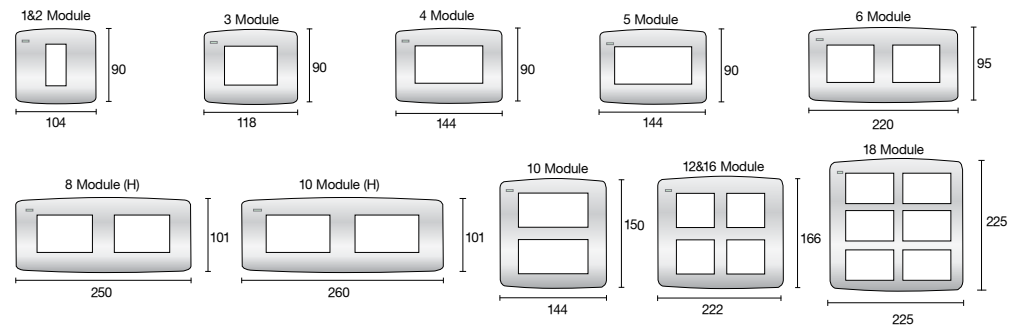


Red / Yellow/ Green/ Blue / Grey Plates				
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CS25701NR	85381010	1 Module Plate	93	10
CS25702NR	85381010	2 Module Plate	136	
CS25703NR	85381010	3 Module Plate	141	
CS25704NR	85381010	4 Module Plate	191	
CS25705NR	85381010	5 Module Plate (Compatible With 4M Metal Box)	245	
CS25706NR	85381010	6 Module Plate	328	
CS25707NR	85381010	8 Module Horizontal	458	5
CS25709NR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)		
CS25710NR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)	328	
CS25711NR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)		
CS25712NR	85381010	12 Module Plate	399	
CS25716NR	85381010	16 Module Plate (Compatible With 12M Metal Box)	458	
CS25718NR	85381010	18 Module Plate		

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				
Product Code	HSN Code	Description	MRP (₹)	Std. Pkg. (Nos.)
CS25701WNNR	85381010	1 Module Plate	178	10
CS25702WNNR	85381010	2 Module Plate	226	
CS25703WNNR	85381010	3 Module Plate	245	
CS25704WNNR	85381010	4 Module Plate	313	
CS25705WNNR	85381010	5 Module Plate (Compatible With 4M Metal Box)	450	
CS25706WNNR	85381010	6 Module Plate	553	
CS25707WNNR	85381010	8 Module Horizontal	695	5
CS25709WNNR	85381010	8 Module Plate Horizontal (Compatible with 6M Metal Box)		
CS25710WNNR	85381010	10 Module-Vertical (Compatible With 8M (4+4) Metal Box)	553	
CS25711WNNR	85381010	10 Module-Horizontal (Compatible With 8M (H) Metal Box)		
CS25712WNNR	85381010	12 Module Plate	586	
CS25716WNNR	85381010	16 Module Plate (Compatible With 12M Metal Box)	695	
CS25718WNNR	85381010	18Module Plate		

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



## WiNtrip 'S'

### Single Lock Modular MCB

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

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



CS20431RNR



CS20443RNR

Product Code	HSN Code	Description	No. of Modules	MRP (₹)	Std. Pkg. (Nos.)
<b>Single Pole - Tripping Curve 'C'</b>					
CG20431RNR	85361010	6A Single Pole 4.5kA-Tripping Curve 'C'	1	210	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'			
<b>Double Pole - Tripping Curve 'C'</b>					
CG20438RNR	85361010	6A Double Pole 4.5kA-Tripping Curve 'C'	2	503	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'			

## Wiring Accessories

### General Terms & Conditions

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

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

### Warranty

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



**24x7**  
**SERVICE DESK**

**CENTRAL CUSTOMER CARE (CCC)**

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



**Key Features & Benefits**

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

**Escalation Matrix**

\*C&S Branch Service Engineer \* > 24 Hours\*

Central Customer Care (CCC) \* > 48 Hours\*  
(Connect via Toll free no., Email ID, & Whatsapp no.)

GM Services - Mr. Bikram Bana \* > 72 Hours\*  
Mobile: 94489 60512, Email: bikram.bana@cselectric.co.in

Sr.VP - Mr. P. Anandan \* > 96 Hours\*  
Email: anandp@csselectric.co.in

**FOR QUICK SUPPORT**

**Toll Free Number: 1800 572 2012**

**WhatsApp No.: 95994 45253**

**Email: [customercare@cselectric.co.in](mailto:customercare@cselectric.co.in)**





## Marketing offices spread all over India

### CENTRAL MARKETING OFFICE

222, Phase-III, Okhla Industrial Estate, New Delhi - 110 020 INDIA

Tel.: (+91 11) 3384 9000 | Email : cmo@cselectric.co.in

### CUSTOMER CARE

Toll Free Number: 1800 572 2012

E-mail: customercare@cselectric.co.in

#### NORTHERN REGION

##### DELHI

Email: cmo@cselectric.co.in

##### LUDHIANA

Email: ludhiana@cselectric.co.in

##### LUCKNOW

Email: lucknow@cselectric.co.in

##### KANPUR

Email: lucknow@cselectric.co.in

##### JAIPUR

Email: jaipur@cselectric.co.in

#### CENTRAL REGION

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##### RAIPUR

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##### NAGPUR

Email: nagpur@cselectric.co.in

#### EASTERN REGION

##### KOLKATA

Email: kolkata@cselectric.co.in

##### GUWAHATI

Email: guwahati@cselectric.co.in

##### RANCHI

Email: ranchi@cselectric.co.in

##### BHUBANESWAR

Email: bhubaneswar@cselectric.co.in

#### WESTERN REGION

##### MUMBAI

Email: mumbai@cselectric.co.in

##### PUNE

Email: pune@cselectric.co.in

##### AHMEDABAD

Email: ahmedabad@cselectric.co.in

##### RAJKOT

Email: ahmedabad@cselectric.co.in

##### BARODA

Email: baroda@cselectric.co.in

##### SURAT

Email: surat@cselectric.co.in

#### SOUTHERN REGION

##### CHENNAI

Email: chennai@cselectric.co.in

##### COIMBATORE

Email: coimbatore@cselectric.co.in

##### KOCHI

Email: cochin@cselectric.co.in

##### MADURAI

Email: commercial,madurai@cselectric.co.in

##### BENGALURU

Email: bangalore@cselectric.co.in

##### HYDERABAD

Email: hyderabad@cselectric.co.in

##### VIJAYAWADA

Email: vijayawada@cselectric.co.in

#### RESIDENT ENGINEERS

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

#### WAREHOUSES

##### National Warehouse

**NOIDA** B-58, Sector-80, Phase-II, Noida, District Gautam Budh Nagar, Uttar Pradesh - 201305 INDIA  
Ph.: +91 120 3857483/84/88/89

##### Regional Warehouses

**INDORE** Liberty Agencies 53, Udyog Nagar, Near Musakhedi Square, Ring Road, Indore - 452001 INDIA  
Ph.: +91 88780 62000 / 64000

**RANCHI** Plot No. 145/C, Mandir Marg-D, Road No. 4, Ashok Nagar, Distt. Ranchi, Jharkhand - 834002 INDIA  
Ph.: +91 651 2242202, 2242224

**AHMEDABAD** B-25-B/C Meldi Industrial Estate, Opp. West Coast Pharmaceutical, Nr. Gota Over Bridge, Gota, Ahmedabad - 382481 INDIA  
Mob.: +91 7698996868 / 6351725096,

**BENGALURU** No. 25, Pattanagere Village, Kengeri Hobli, Rajarajeshwari Nagar, Bangalore - 560098 INDIA  
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