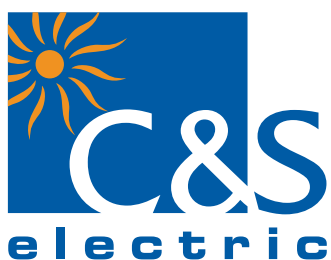


We touch
your **electricity**
everyday!



Price Schedule

Effective 18th May, 2018

Low Voltage Components

LV Components Division

Power Distribution Components

- **Air Circuit Breakers**
Range: 630A–6300A
- **Moulded Case Circuit Breakers**
Range: 15A–1600A
- **Switch Disconnect Fuses**
Range: 32A–800A
- **Switch Disconnectors**
Range: 25A–3150A
- **Changeover & Bypass Switches**
Range: 63A–3150A
- **HRC Fuse Link, Fuse Base & Fuse Holder**
Range: 2A–800A



Power Control Components

- **Motor Protection Circuit Breakers**
Range: 0.1A–100A
- **Power Contactor**
robustTa2 Contactors: 7A–38A
Exceed Contactors: 6A–1000A
Mini Contactors: 6A–16A
robustTa Contactors: 9A–2100A
Capacitor Duty Contactors: 7kVAR–75kVAR
D Range Contactors: 9A–80A
Overload Relays: 0.1A–1000A
Definite Purpose Contactor: 20A–40A
Contactor: 20A–40A, in 2 & 4 Pole
- **Industrial Plugs & Sockets**
Range: 3Pin 16A–63A, 4Pin 32A, 5Pin 63A–125A
- **Control & Signalling Devices**
Metallic & Polycarbonate Series
- **Motor Starters**
Agri Starters: upto 75HP
Industrial Starters: upto 350HP



Final Power Distribution Components

- **Miniature Circuit Breakers**
Rating: 0.5A–125A in 1P, 1P+N, 2P, 3P, 3P+N & 4P
Trip Type B, C, D & K
DC MCB Rating: 0.5A–63A, 1P & 2P
- **Isolator**
Rating: 25A–125A in 1P, 2P, 3P & 4P
- **MCB Changeover Switch**
Rating: 25A, 40A & 63A in 2P & 4P
- **Residual Current Circuit Breakers**
Range: 10A–100A, 2P & 4P in 30, 100 & 300mA
- **Distribution Boards**
Wide range inclusive of SPN/TPN, Single & Double door in all variants i.e. Horizontal, Vertical, PPI, Phase Selector, VTPN with MCB or MCCB as incomer, 7-Segment, Flexy (Tier), Acrylic, TV/Telephone, Plug & Socket, Cable End Box Distribution Boards and Metal & Plastic Enclosures



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Maximum Retail Price

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Final Power Distribution Components

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Renewable energy offer us infinite sources of power with minimum environmental impact. C&S Electric, a leading manufacturer in the Switchgear industry, has developed several products for these applications in accordance with its policy of providing its customers with tools to harness the energy in the most effective and sustainable way.



WiNbreak 2

DC MCCB



Features

- WiNbreak2 DC MCCB is suitable for DC application such as Photovoltaic / UPS / Battery / Datacenter etc.
- Higher nominal voltage upto 1000VDC
- Breaking capacity upto 40kA
- DC short circuit tested by VDE
- Rated current: 16A-800A
- Pole: 2, 3 & 4

DC Switch Disconnector



Features

- DC Switch is suitable for DC application such as Photovoltaic / UPS / Battery / Datacenter etc.
- Voltage upto 1000VDC
- Modular construction
- Suitable for DC-21B application
- Rated current: 200A-1600A
- No of Pole: 4

Power Distribution Components



Air Circuit Breakers ■ Moulded Case Circuit Breakers

Switch Disconnector Fuses ■ Switch Disconnectors

Changeover & Bypass Switches

HRC Fuse Links, Fuse Bases & Fuse Holders

WiNmaster2

Breaker with intelligence

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



Range

630A-2500A

Single frame
for
complete
range

Poles

3P & 4P

Versions

Fixed & Drawout
(Mechanical
& Electrical)

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

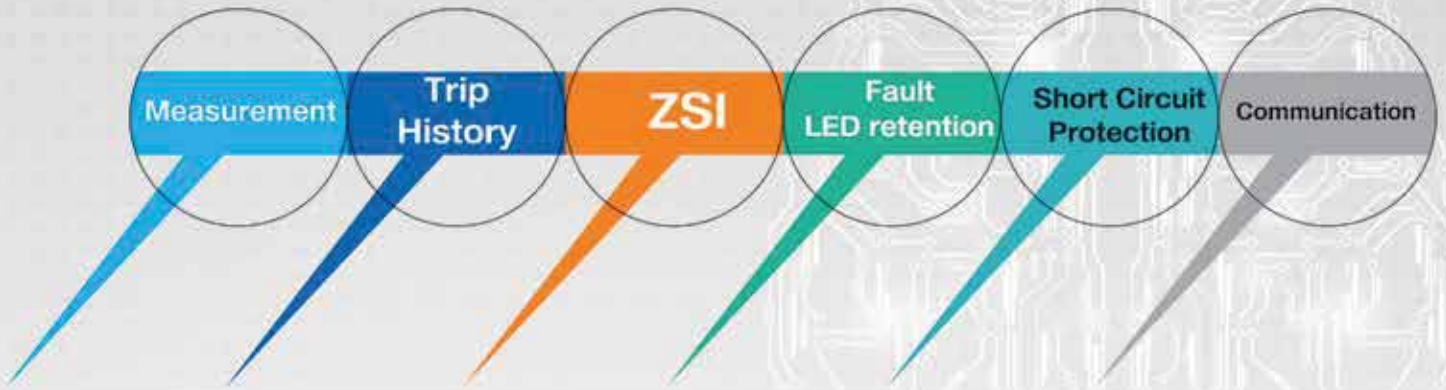
CE **RoHS**
Compliant

Intelligent releases

- Micropro2 3.1
- Micropro2 4.1
- Micropro2 7.1

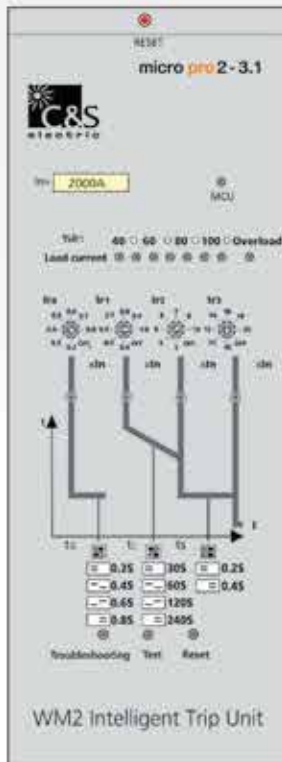


INTELLIGENT RELEASE



MicroPro2 3.1

- Overload protection
- Short Circuit current protection
- Earth Fault protection
- INST Fault protection



MicroPro2 4.1

- Overload & Short Circuit protection
- Instantaneous current protection
- Neutral & Ground Fault Protection
- Ampere Meter
- Digital display and fault LED retention in case of power failure



MicroPro2 7.1

- Overload & Short Circuit protection
- Instantaneous current protection
- Neutral & Ground Fault / Leakage Protection
- Various Protection related to voltage, frequency, load and motor
- Zone Selectivity, Measurement of V, I, P, F, KWH, KVARh, Harmonics etc. and also store the maximum value in maximeter

Communication

- Port: RS485
- Protocol: Modbus/Profibus/Devicenet





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 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 our 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 3010 2012

E-mail: customercare@cselectric.co.in

POR - Price on request

Products have been classified as Stockable & Non Stockable items.

Non Stockable items has been marked as

HSN Code denoted as below:

[HSN Code 8536] GST@28%*

[HSN Code 8537] GST@28%*

[HSN Code 8538] GST@18%*

*Subject to change as per Government of India notification



WiNmaster2 Air Circuit Breaker

630A-2500A

Features:

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

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

Manual Fixed (MF)	Electrical Fixed (EF)	Manual Drawout (MDO)	Electrical Drawout (EDO)
<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 6NO+6NC - Main CTs - Terminal Type - Horizontal 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 6NO+6NC - Main CTs - AC/DC Charging Motor - Closing Coil - Shunt Trip - Terminal Type - Horizontal 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 6NO+6NC - Main CTs - Safety Shutter - 55 Way auxiliary isolating contacts - Terminal Type - Horizontal 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 6NO+6NC - Main CTs - Safety Shutter - 55 Way auxiliary isolating contacts - AC/DC Charging Motor - Closing Coil - Shunt Trip - Terminal Type - Horizontal

Air Circuit Breaker with Intelligent Release Micropro2-3.1

Fixed 3 Pole		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	WX06N3P*A(S)	100980	143310
800	50kA	WX08N3P*A(S)	101520	143870
1000	50kA	WX10N3P*A(S)	106420	152680
1250	50kA	WX12N3P*A(S)	119100	168880
1600	50kA	WX16N3P*A(S)	132750	184490
2000	50kA	WX20N3P*A(S)	155290	202600
2500	50kA	WX25N3P*A(S)	175390	229920

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)	122280	163980
800	50kA	WX08N4P*A(S)	122940	164620
1000	50kA	WX10N4P*A(S)	123170	164830
1250	50kA	WX12N4P*A(S)	156640	197890
1600	50kA	WX16N4P*A(S)	168240	216850
2000	50kA	WX20N4P*A(S)	191460	241600
2500	50kA	WX25N4P*A(S)	192680	244650

Drawout 3 Pole		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MDO	*EDO
630	50kA	WX06N3P*A(S)	146590	176230
800	50kA	WX08N3P*A(S)	147440	176730
1000	50kA	WX10N3P*A(S)	153110	182140
1250	50kA	WX12N3P*A(S)	167780	198800
1600	50kA	WX16N3P*A(S)	189730	218010
2000	50kA	WX20N3P*A(S)	226590	248590
2500	50kA	WX25N3P*A(S)	269360	296640

Drawout 4 Pole		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MDO	*EDO
630	50kA	WX06N4P*A(S)	174560	211890
800	50kA	WX08N4P*A(S)	175230	212520
1000	50kA	WX10N4P*A(S)	182530	218910
1250	50kA	WX12N4P*A(S)	210440	247890
1600	50kA	WX16N4P*A(S)	222600	267500
2000	50kA	WX20N4P*A(S)	265010	309570
2500	50kA	WX25N4P*A(S)	284610	317150

Fixed 3 Pole (with Neutral CT) for Earth fault Protection		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	WX06N3PN*A(S)	105020	149040
800	50kA	WX08N3PN*A(S)	105580	149620
1000	50kA	WX10N3PN*A(S)	110680	158710
1250	50kA	WX12N3PN*A(S)	123860	175640
1600	50kA	WX16N3PN*A(S)	138060	191870
2000	50kA	WX20N3PN*A(S)	161500	210700
2500	50kA	WX25N3PN*A(S)	182410	239120

Drawout 3 Pole (with Neutral CT) for Earth fault Protection		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MDO	*EDO
630	50kA	WX06N3PN*A(S)	150990	181520
800	50kA	WX08N3PN*A(S)	151860	182030
1000	50kA	WX10N3PN*A(S)	157700	187600
1250	50kA	WX12N3PN*A(S)	172810	204760
1600	50kA	WX16N3PN*A(S)	195420	224550
2000	50kA	WX20N3PN*A(S)	233390	256050
2500	50kA	WX25N3PN*A(S)	277440	305540

Price Changes for ACB with high end release w.r.t MicroPro2 3.1 ACB			
Release	Description		List Price (₹)
Micropro2 4.1	LSING, Thermal Memory, Last Fault Trip History & current display	Add	5500
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	30000

Notes:

- 1) While ordering an ACB, the complete catalogue reference by replacing *1* with ACB type: MF-Manual Fixed, EF-Electrical Fixed, MDO-Manual Drawout, EDO-Electrical Drawout
- 2) In TP ACB, if earth fault facility required, please select Prices of ACB with neutral CT.
- 3) Other options of terminals are available on request.

WiNmaster2 Air Circuit Breaker

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

1. Under Voltage Trip Device			[HSN Code: 8538]
Sl. No.	Description	Reference	List Price (`)
1.1	Without Delay Common for 630A~2500A	WM2-AUH-V-ABC-**	5078
1.2	With Delay Common for 630A~2500A	WM2-AUH-D-ABC-**	5556

2. Continuous rated Shunt Trip and Closing Coil			[HSN Code: 8538]
Sl. No.	Description	Reference	List Price (`)
2.1	Common for 630A~2500A	WM2-AVH-SC-ABC-**	2539
2.2	Common for 630A~2500A	WM2-AVH-CC-ABC-**	2539

**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	FA	MA	NA	BD	ED	FD	MD
Closing Coil	FA	MA	NA	BD	ED	FD	MD

3. Accessories			[HSN Code: 8538]
Sl. No.	Description	Reference	List Price (`)
3.1	Universal Charging Motor - Common for 630A-2500A (for 220VAC/DC)	WM2-AMH-AV-A1-M	22511
3.2	Universal Charging Motor - Common for 630A-2500A (for 415VAC)	WM2-AMH-AU-A1-N	
3.3	Universal Charging Motor - Common for 630A-2500A (for 110VAC/DC)	WM2-AMH-AS-A1-F	
3.4	LIFTER	LIFTER (580x600)*	94389
		LIFTER-SPL (690x570)*	103773
3.5	Mismatch Prevention Device	WM2-MIP-AB	1005
3.6	Panel Door Lock	WM2-PDL-AB	1447
3.7	Mechanical Interlock Horizontal (Drawout)	WM2-MIL-HD	23905
3.8	Mechanical Interlock Vertical (Drawout)	WM2-MIL-VD	23905
3.9	Mechanical Interlock Horizontal (Fixed)	WM2-MIL-HF	20425
3.10	Mechanical Interlock Vertical (Fixed)	WM2-MIL-VF	20425
3.11	Key Lock (1 Lock + 1 Key)	WM2-AKI-AB	4079
3.12	Key Lock (3 Lock + 2 Key)	WM2-AKI-1-AB	4275
3.13	Key Lock (2 Lock + 1 Key)	WM2-AKI-2-AB	3255
3.14	Mechanical operation counter	WM2-ASC-ABC	1875
3.15	Ready to close contact	WM2-RTC-ABC	1005

* in (mm)

WiNmaster

Air Circuit Breaker, 630A to 4000A

Complete range up to 4000A in just 2 frames having 2 performance levels. For meeting standard application and also industrial application with high short circuit levels.



CE RoHS Compliant

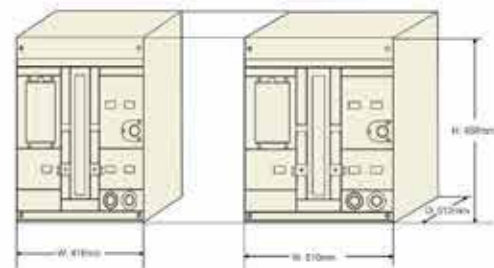
WM: 400A to 2000A

Performance levels:	50KA (N)	65KA(S)
WM06A	Available	Available
WM08A	Available	Available
WM10A	Available	Available
WM12A	Available	Available
WM16A	Available	Available
WM20A	Available	Available

WM: 2000A to 4000A

Performance levels:	50KA (N)	65KA(S)
WM20B	Not Available	Available
WM25B	Not Available	Available
WM32B	Not Available	Available
WM40B	Not Available	Available

Available Not Available



Micropro 3.1

Micropro 4.1

Micropro 5.1

Micropro 6.1

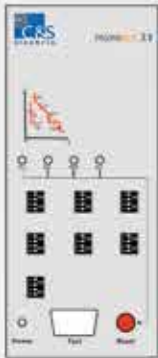
Micropro 7.1

INTELLIGENT RELEASE

Micro-pro 3.1

MicroPro 3.1

- Overload protection
- Short Circuit current protection
- Earth Fault protection
- INST Fault protection



Micro-pro 4.1 / 5.1

MicroPro 4.1

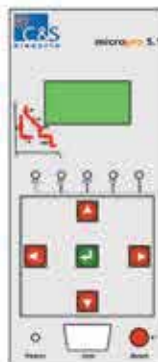
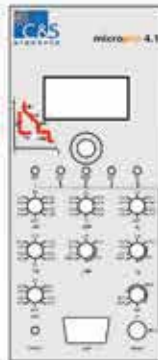
- Overload & Short Circuit protection
- Instantaneous current protection
- Neutral & Ground Fault Protection
- Zone Selectivity, Ampere Meter
- LCD display and fault LED retention in case of power failure
- In-built thermal memory
- Fault type, current and time for last trip event

MicroPro 5.1

- Overload & Short Circuit protection
- Instantaneous current protection
- Neutral & Ground Fault Protection
- Zone Selectivity, Ampere Meter
- LCD display and fault LED retention in case of power failure
- In-built selective thermal memory
- Fault type, current and time for last 16 trip events

Communication

- Port: RS485
- Protocol: Modbus



Micro-pro 6.1 / 7.1

MicroPro 6.1

- Overload & Short Circuit protection
- Instantaneous current protection
- Neutral & Ground Fault / Leakage Protection
- Various Protection related to voltage, frequency, load and motor
- Zone Selectivity, Measurement of V, I, P, F, KWH, KVArh etc. and also store the maximum value in maximeter

MicroPro 7.1

- Overload & Short Circuit protection
- Instantaneous current protection
- Neutral & Ground Fault / Leakage Protection
- Various Protection related to voltage, frequency, load and motor
- Zone Selectivity, Measurement of V, I, P, F, KWH, KVArh, Harmonics etc. and also store the maximum value in maximeter

Communication

- Port: RS485
- Protocol: Modbus/Profitbus/Devicenet



WiNmaster Air Circuit Breaker

630A-4000A

Features:

- LSING Protection
- LCD Display
- Communication
- True RMS Sensing
- Current Measurement
- Power Measurement
- Thermal Memory
- Voltage Measurement
- Harmonics
- Fault Indication
- Zone Selectivity



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

Manual Fixed (MF)	Electrical Fixed (EF)	Manual Drawout (MDO)	Electrical Drawout (EDO)
<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 4NO+4NC - Main CTs - Terminal Type-Horizontal # - Power Supply Module 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 4NO+4NC - Main CTs - AC/DC Charging Motor - Closing Coil - Shunt Trip - Micro Switches as required for electrical operation - Terminal Type - Horizontal# - Power Supply Module 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 6NO+6NC - Main CTs - Safety Shutter - 36 Way auxiliary isolating contacts - Terminal Type - Horizontal upto 2500A and vertical for 3200/4000A - Power Supply Module 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 6NO+6NC - Main CTs - Safety Shutter - 36 Way auxiliary isolating contacts - AC/DC Charging Motor - Closing Coil - Shunt Trip - Micro Switches as required for electrical operation - Terminal Type-Horizontal up to 2500A and vertical for 3200/4000A - Power Supply Module

LT Air Circuit Breaker with Intelligent Release MicroPro 3.1

Fixed 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	WM06N3P*MP3.1(S)	POR	POR
800	50kA	WM08N3P*MP3.1(S)		
1000	50kA	WM10N3P*MP3.1(S)		
1250	50kA	WM12N3P*MP3.1(S)		
1600	50kA	WM16N3P*MP3.1(S)		
2000	50kA	WM20N3P*MP3.1(S)		
630	65kA	WM06S3P*MP3.1(S)	136850	209350
800	65kA	WM08S3P*MP3.1(S)	136850	208940
1000	65kA	WM10S3P*MP3.1(S)	140860	213870
1250	65kA	WM12S3P*MP3.1(S)	161920	225420
1600	65kA	WM16S3P*MP3.1(S)	175490	251630
2000	65kA	WM20S3P*MP3.1(S)	190820	265760
2500	65kA	WM25S3P*MP3.1(S)	234270	310570
3200	65kA	WM30S3P*MP3.1(S)	287270	344370
4000	65kA	WM40S3P*MP3.1(S)	336350	426430

Fixed 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	WM06N4P*MP3.1(S)	POR	POR
800	50kA	WM08N4P*MP3.1(S)		
1000	50kA	WM10N4P*MP3.1(S)		
1250	50kA	WM12N4P*MP3.1(S)		
1600	50kA	WM16N4P*MP3.1(S)		
2000	50kA	WM20N4P*MP3.1(S)		
630	65kA	WM06S4P*MP3.1(S)	177790	265590
800	65kA	WM08S4P*MP3.1(S)	177790	265690
1000	65kA	WM10S4P*MP3.1(S)	181590	269100
1250	65kA	WM12S4P*MP3.1(S)	206750	281050
1600	65kA	WM16S4P*MP3.1(S)	226020	316960
2000	65kA	WM20S4P*MP3.1(S)	234110	318380
2500	65kA	WM25S4P*MP3.1(S)	303020	399280
3200	65kA	WM30S4P*MP3.1(S)	342810	401290
4000	65kA	WM40S4P*MP3.1(S)	402370	498110

Drawout 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MD	*ED
630	50kA	WM06N3P*MP3.1(S)	POR	POR
800	50kA	WM08N3P*MP3.1(S)		
1000	50kA	WM10N3P*MP3.1(S)		
1250	50kA	WM12N3P*MP3.1(S)		
1600	50kA	WM16N3P*MP3.1(S)		
2000	50kA	WM20N3P*MP3.1(S)		
630	65kA	WM06S3P*MP3.1(S)	164480	200740
800	65kA	WM08S3P*MP3.1(S)	164480	200740
1000	65kA	WM10S3P*MP3.1(S)	180290	216920
1250	65kA	WM12S3P*MP3.1(S)	192700	229630
1600	65kA	WM16S3P*MP3.1(S)	213570	251010
2000	65kA	WM20S3P*MP3.1(S)	236240	272530
2500	65kA	WM25S3P*MP3.1(S)	267090	304120
3200	65kA	WM30S3P*MP3.1(S)	324580	362990
4000	65kA	WM40S3P*MP3.1(S)	404740	445080

Drawout 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MD	*ED
630	50kA	WM06N4P*MP3.1(S)	POR	POR
800	50kA	WM08N4P*MP3.1(S)		
1000	50kA	WM10N4P*MP3.1(S)		
1250	50kA	WM12N4P*MP3.1(S)		
1600	50kA	WM16N4P*MP3.1(S)		
2000	50kA	WM20N4P*MP3.1(S)		
630	65kA	WM06S4P*MP3.1(S)	204000	235550
800	65kA	WM08S4P*MP3.1(S)	204000	235550
1000	65kA	WM10S4P*MP3.1(S)	217130	248670
1250	65kA	WM12S4P*MP3.1(S)	232470	264000
1600	65kA	WM16S4P*MP3.1(S)	274980	306530
2000	65kA	WM20S4P*MP3.1(S)	287720	317600
2500	65kA	WM25S4P*MP3.1(S)	332370	362250
3200	65kA	WM30S4P*MP3.1(S)	400980	430860
4000	65kA	WM40S4P*MP3.1(S)	500020	540620

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

Release	Description		List Price (₹)
Micropro 4.1	LSING, Thermal Memory, ZSI , RS 485 Port, Current Metering	Add	10000
Micropro 5.1	LSING, Selectable Thermal Memory, 16 Fault Tripping History, ZSI, 2 way Communication RS485 Port, Current Metering	Add	15000
Micropro 6.1	LSING, Earth Leakage Protection, Over and Under Protection for Voltage / Frequency, Voltage imbalance, ACB operation cycle counter, ACB contact indication wear, 2 way communication	Add	35000
Micropro 7.1	All features as 6.1, harmonic measures and protection	Add	50000

Notes:

- 1) In TP ACB if Earth Fault facility is required, please add price of Neutral CTs from item no. 2 on page 14.
- 2) While ordering an ACB, complete the catalogue reference by replacing '*' with ACB type: **MF** - Manual Fixed, **EF**-Electrical Fixed, **MD**-Manual Drawout, **ED**-Electrical Drawout
- 3) Other options of terminals are available on request.

WiNmaster Air Circuit Breaker

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

1. Under Voltage Trip Device [HSN Code: 8538]			
Sl. No.	Description	Reference	List Price (₹)
1.1	Common for 630-4000A	CS-WM-AUH-V-AB-**	4187

2. Shunt Trip and Closing Coil [HSN Code: 8538]			
Sl. No.	Description	Reference	List Price (₹)
2.1	Common for 630A-4000A	CS-WM-AVH-S-AB-**	3353
2.2	Common for 630A-4000A	CS-WM-AVH-C-AB-**	

**Code for Coils Voltage							
Description	AC Control Voltage			DC Control Voltage			
	110V	220-250V	415-440V	24V	48V	110V	220V
UVT	FA	MA	NA	-	-	FD	MD
SHUNT	FA	MA	NA	BD	ED	FD	MD
Closing Coil	FA	MA	NA	BD	ED	FD	MD

3. Single Phase Resin Cast CTs - required for ground fault protection with 3 Pole ACB [HSN Code: 8538]				
Sl. No.	Description	Phase CT	Neutral CT	List Price (₹)
3.1	400/0.2A	CS-WM-CT-04	CS-WM-CT-04-N	2241
3.2	630/0.2A	CS-WM-CT-06	CS-WM-CT-06-N	
3.3	800/0.2A	CS-WM-CT-08	CS-WM-CT-08-N	
3.4	1000/0.2A	CS-WM-CT-10	CS-WM-CT-10 -N	2361
3.5	1250/0.2A	CS-WM-CT-12	CS-WM-CT-12-N	
3.6	1600/0.2A	CS-WM-CT-16	CS-WM-CT-16-N	2462
3.7	2000/0.2A	CS-WM-CT-20	CS-WM-CT-20-N	
3.8	2500/0.2A	CS-WM-CT-25	CS-WM-CT-25-N	3136
3.9	3200/0.2A	CS-WM-CT-32	CS-WM-CT-32-N	
3.10	4000/0.2A	CS-WM-CT-40	CS-WM-CT-40-N	5593

Sl. No.	Description	Reference	List Price (₹)
4.1	Lifter (for all sizes of ACBs)	☒ LIFTER (580x600)*	94390
		☒ LIFTER-SPL (690x570)*	103770
4.2	Door Interlock	DOOR-INT-AB	2260

Sl. No.	Description	Suitable for ACB frame size/rating	
		630A~4000A Reference	List Price (₹)
4.3	OCR (Fault) Alarm Switch	WM-ALA-AB	637
4.4	Trip Indication Switch (For manual tripping only)	WM-TIS-AB	
4.5	'Spring Charged' Indication Switch	WM-SCIS-AB	843
4.6	Position Indication Switch (Left Side)	WM-ALB-AB	2073
4.7	Position Indication Switch (Right Side)	WM-ALB-AB-R	
4.8	Mechanical Operation Counter	WM-ASC-AB	1942
4.9	Key Lock (One lock + One key)	WM-AKI-AB	
4.10	Castle Key Lock	WM-CKI-AB	4483
4.11	Key Interlock (Consisting of 3-Key Locks with 2 Keys (same No.) fitted on 3 ACBs)	WM-AKI-1-AB	3986
4.12	Key Interlock (Consisting of 2-Key Locks with 1 Key (same No.) fitted on 2 ACBs)	WM-AKI-2-AB	3028
4.13	MAL Insertion Preventor	WM-MIP-AB	546

* in (mm)

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

CUSTOMER NAME		ORDER NO. & DATE		DELIVERY DATE	END USER / PANEL BUILDER NAME & PHONE NO.	
RATING OF ACB REQUIRED	<input type="checkbox"/> 630 A	<input type="checkbox"/> 1000 A	<input type="checkbox"/> 1600 A	<input type="checkbox"/> 2500 A	QTY. (NOS.)	Product Reference
	<input type="checkbox"/> 800 A	<input type="checkbox"/> 1250 A	<input type="checkbox"/> 2000 A	<input type="checkbox"/> 3200 A <input type="checkbox"/> 4000A		
NO. OF POLES	<input type="checkbox"/> 3 POLE	<input type="checkbox"/> 4 POLE	Breaking capacity			
MOUNTING	<input type="checkbox"/> FIXED <input type="checkbox"/> DRAWOUT		<input type="checkbox"/> 48 WAY AUX. ISOLATING CONTACT ASSLY. <input type="checkbox"/> POSITION INDICATION SWITCH			
	OPERATION	<input type="checkbox"/> MANUAL <input type="checkbox"/> ELECTRICAL		CLOSING COIL: <input type="checkbox"/> 110V AC <input type="checkbox"/> 220~250V AC <input type="checkbox"/> 415~440V AC <input type="checkbox"/> 24V DC <input type="checkbox"/> 48V DC <input type="checkbox"/> 110V DC <input type="checkbox"/> 220V DC		
		SHUNT TRIP COIL: <input type="checkbox"/> 110V AC <input type="checkbox"/> 220~250V AC <input type="checkbox"/> 415~440V AC <input type="checkbox"/> 24V DC <input type="checkbox"/> 48V DC <input type="checkbox"/> 110V DC <input type="checkbox"/> 220V DC				
		MOTOR: <input type="checkbox"/> 110V AC <input type="checkbox"/> 220V AC <input type="checkbox"/> 110V DC <input type="checkbox"/> 220V DC				
RELEASES	MICROPROCESSOR RELEASE <input type="checkbox"/> MicroPro 3.1 <input type="checkbox"/> MicroPro 4.1 <input type="checkbox"/> MicroPro 5.1 <input type="checkbox"/> MicroPro 6.1 <input type="checkbox"/> MicroPro 7.1 <input type="checkbox"/> COMMUNICATION MODULE* <input type="checkbox"/> COMMUNICATION PROTOCOL <input type="checkbox"/> ModBus <input type="checkbox"/> ProfiBus <input type="checkbox"/> DeviceNet <input type="checkbox"/> BATTERY UNIT* <input type="checkbox"/> POWER SUPPLY & RELAY MODULE*		UNLESS & OTHERWISE SPECIFIED, ALL SETTINGS OF RELEASES WOULD BE SET AT MINIMUM VALUES.	SETTINGS : CT RATING _____ A, SHORT CIRCUIT _____ A, OVERLOAD _____ A, INSTANTANEOUS _____ A, GROUND FAULT _____ A NEUTRAL _____ A,		
ACCESSORIES	<input type="checkbox"/> AUX. SW 4 NO+4 NC		<input type="checkbox"/> AUX. SW 6 NO+6 NC		<input type="checkbox"/> SPRING CHARGE IND. SWITCH	
	<input type="checkbox"/> TRIP IND. SWITCH		<input type="checkbox"/> OCR ALARM SWITCH		<input type="checkbox"/> MECH. OPERATION COUNTER	
<input type="checkbox"/> POSITION IND. SWITCH		<input type="checkbox"/> CASTLE KEYLOCK		<input type="checkbox"/> DOOR INTERLOCK		
<input type="checkbox"/> UVT. <input type="checkbox"/> 110V AC <input type="checkbox"/> 220~250V AC <input type="checkbox"/> 415~440V AC <input type="checkbox"/> 110V DC <input type="checkbox"/> 220V DC		<input type="checkbox"/> KEY INTERLOCK		<input type="checkbox"/> 1 ACB <input type="checkbox"/> 2 ACBs <input type="checkbox"/> 3 ACBs		
SPECIAL REQUIREMENT/ ACCESSORIES (IF ANY)						
Notes : (1) Please refer catalogue / Price-List, for further details of Micropro Release. (2) Neutral CT is required alongwith Microprocessor Release having Ground-Fault Protection. This has to be mounted on Earth / Neutral Busbar of Panel. *(220V AC input is required)						

Air Circuit Breaker AH / AHA

630A~6300A, 3 & 4 Pole

Salient Features

- Only 4 Frame sizes for entire range (630A~6300A)
- Total breaking time less than 30ms (including arcing time of less than 10ms) & closing time of 40ms.
- Slow closing feature to maintain contact gap of all phases.
- Perfect alignment of contact with guiding feature.
- Making current Release (MCR) to rapidly clear faulty circuit without any time delay.

Intelligent Protection Release

Magnetic Trip Device TM

- Direct acting electromagnetic instantaneous trip device with fixed factory setting, settings 3 - 50 kA
- Adjustable overload settings 60% - 100%.
- Provision for remote tripping

MicroPro 3.1

- Overload protection
- Short Circuit Current protection
- Instantaneous Current protection
- Ground Fault protection

MicroPro 4.1

- Overload & Short Circuit protection
- Instantaneous current protection
- Neutral & Ground Fault Protection
- Zone Selective Interlocking
- LCD display and fault LED retention in case of power failure
- Measure true RMS values of current (all three phase)
- In-built Thermal memory
- Fault type, current and time for last trip event

MicroPro 5.1

- Overload & Short Circuit protection
- Instantaneous current protection
- Neutral & Ground Fault Protection
- Zone Selective Interlocking
- LCD display and fault LED retention in case of power failure
- Measure true RMS values of current (all three phase)
- In-built Selective Thermal memory
- Fault type, current and time for last 16 trip events



RoHS
Compliant



Air Circuit Breaker AH / AHA

630A-6300A

(I) ACB with Intelligent Release MicroPro 3.1

Features:

- LSIG Protection
- True RMS Sensing
- Fault Indication



AH / AHA Breaker fitted with standard accessories, tabulated below, are included in the Prices mentioned in the subsequent tables.

Manual Fixed (MF)	Electrical Fixed (EF)	Manual Drawout (MDO)	Electrical Drawout (EDO)
<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 5a 5b i.e. 5NO+5NC - Main CTs - Terminal Type - Horizontal upto 2500A & Vertical for 3200A-6300A - Rectifier (24V DC supply) 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 5a 5b i.e. 5NO+5NC - Main CTs - AC/DC Charging Motor - Closing Coil - Shunt Trip - Anti-pumping Relay - Micro Switches as required for electrical operation - Terminal Type - Horizontal upto 2500A & Vertical for 3200A-6300A - Rectifier (24V DC supply) 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 7a 7b i.e. 7NO+7NC - Main CTs - Safety Shutter - 36 way Auxiliary Isolating contacts - Terminal Type - Horizontal upto 2500A&Vertical for3200A-6300A - Rectifier (24V DC supply) 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 7a 7b i.e. 7NO+7NC - Main CTs - Safety Shutter - 36 way Auxiliary Isolating contacts - AC/DC Charging Motor - Closing Coil - Shunt Trip - Anti-pumping Relay - Micro Switches as required for electrical operation - Terminal Type-Horizontal upto 2500A & Vertical for 3200A-6300A - Rectifier (24V DC supply)

LT Air Circuit Breaker fitted with Intelligent Release MicroPro 3.1

Fixed 3 Pole		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	☒AHA06N3P*MP3.1(S)	76540	108120
800	50kA	☒AHA08N3P*MP3.1(S)	82500	114570
1000	50kA	☒AHA10N3P*MP3.1(S)	82980	118610
1000	50kA	☒AH10DCSMP3.1*(S)	POR	POR
1250	50kA	☒AHA12N3P*MP3.1(S)	107760	138580
1250	50kA	☒AH12DCSMP3.1*(S)	POR	POR
1600	50kA	☒AHA16N3P*MP3.1(S)	117310	150740
1600	50kA	☒AH16DCSMP3.1*(S)	POR	POR
2000	50kA	☒AHA20N3P*MP3.1(S)	133940	181960
2000	50kA	☒AH20DCSMP3.1*(S)	POR	POR
2500	50kA	☒AHA25N3P*MP3.1(S)	153980	205420
2500	50kA	☒AH25DCSMP3.1*(S)	POR	POR
2000	65kA	☒AHA20S3P*MP3.1(S)	150630	202150
3200	65kA	☒AH30DCSMP3.1*(S)	241280	283150
4000	85kA	☒AH40DCSMP3.1*(S)	388490	422680

Fixed 4 Pole		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	☒AHA06N4P*MP3.1(S)	100860	142560
800	50kA	☒AHA08N4P*MP3.1(S)	107410	146820
1000	50kA	☒AHA10N4P*MP3.1(S)	111060	151340
1000	50kA	☒AH10D4CSMP3.1*(S)	POR	POR
1250	50kA	☒AHA12N4P*MP3.1(S)	142130	178870
1250	50kA	☒AH12D4CSMP3.1*(S)	POR	POR
1600	50kA	☒AHA16N4P*MP3.1(S)	153340	192350
1600	50kA	☒AH16D4CSMP3.1*(S)	POR	POR
2000	50kA	☒AHA20N4P*MP3.1(S)	180330	227700
2000	50kA	☒AH20D4CSMP3.1*(S)	POR	POR
2500	50kA	☒AHA25N4P*MP3.1(S)	210140	256930
2500	50kA	☒AH25D4CSMP3.1*(S)	POR	POR
2000	65kA	☒AHA20S4P*MP3.1(S)	202520	250460
3200	65kA	☒AH30D4CSMP3.1*(S)	302450	347650
4000	85kA	☒AH40D4CSMP3.1*(S)	463140	529480

Drawout 3 Pole		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MD	*ED
630	50kA	AHA06N3P*MP3.1(S)	112590	149680
800	50kA	AHA08N3P*MP3.1(S)	119390	151360
1000	50kA	AHA10N3P*MP3.1(S)	127920	157150
1000	50kA	AH10DCSMP3.1*(S)	POR	POR
1250	50kA	AHA12N3P*MP3.1(S)	143830	167000
1250	50kA	AH12DCSMP3.1*(S)	POR	POR
1600	50kA	AHA16N3P*MP3.1(S)	162220	194890
1600	50kA	AH16DCSMP3.1*(S)	POR	POR
2000	50kA	AHA20N3P*MP3.1(S)	193160	227220
2000	50kA	AH20DCSMP3.1*(S)	POR	POR
2500	50kA	AHA25N3P*MP3.1(S)	233340	261290
2500	50kA	AH25DCSMP3.1*(S)	POR	POR
2000	65kA	☒AHA20S3P*MP3.1(S)	223290	262460
3200	65kA	☒AHA30S3P*MP3.1(S)	311320	335270
3200	65kA	☒AH30DCSMP3.1*(S)	POR	POR
4000	65kA	☒AHA40S3P*MP3.1(S)	398730	425510
4000	85kA	☒AH40DCSMP3.1*(S)	430910	450820
5000	85kA	☒AH50CCSMP3.1*(S)	POR	POR
6300	100kA	☒AH60CCSMP3.1*(S)	POR	POR

Drawout 4 Pole		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MD	*ED
630	50kA	AHA06N4P*MP3.1(S)	150160	189550
800	50kA	AHA08N4P*MP3.1(S)	161100	196260
1000	50kA	AHA10N4P*MP3.1(S)	164690	203210
1000	50kA	AH10D4CSMP3.1*(S)	POR	POR
1250	50kA	AHA12N4P*MP3.1(S)	194270	223480
1250	50kA	AH12D4CSMP3.1*(S)	POR	POR
1600	50kA	AHA16N4P*MP3.1(S)	211760	244730
1600	50kA	AH16D4CSMP3.1*(S)	POR	POR
2000	50kA	AHA20N4P*MP3.1(S)	261840	290000
2000	50kA	AH20D4CSMP3.1*(S)	POR	POR
2500	50kA	AHA25N4P*MP3.1(S)	300390	338510
2500	50kA	AH25D4CSMP3.1*(S)	POR	POR
2000	65kA	AHA20S4P*MP3.1(S)	293890	331480
3200	65kA	☒AHA30S4P*MP3.1(S)	379540	403210
3200	65kA	☒AH30D4CSMP3.1*(S)	POR	POR
4000	65kA	☒AHA40S4P*MP3.1(S)	478070	502420
4000	85kA	☒AH40D4CSMP3.1*(S)	496590	542860
5000	85kA	☒AH50C4CSMP3.1*(S)	POR	POR
6300	100kA	☒AH60C4CSMP3.1*(S)	POR	POR

Notes:

- 1) In TP ACB if Earth Fault facility is required, add price of Neutral CTs from item no. 4.1 on page 22.
- 2) While ordering an ACB, complete the catalogue reference by replacing '*' with ACB type: MF-Manual Fixed, EF-Electrical Fixed, MD- Manual Drawout, ED-Electrical Drawout
- 3) Drawout type ACB with vertical terminal (factory fitted only) is available in ratings 8D-16D/06N-20S (AHA)
- 4) 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 24.

Air Circuit Breaker AH / AHA

630A-6300A

(II) ACB with Intelligent Release MicroPro 4.1

Features:

- LSING Protection
- LCD Display
- Current Measurement
- True RMS Sensing
- Thermal Memory
- Communication through RS 485 Port
- Zone Selectivity
- Fault Indication



AH / AHA Breaker fitted with standard accessories, tabulated below, are included in the Prices mentioned in the subsequent tables.

Manual Fixed (MF)	Electrical Fixed (EF)	Manual Drawout (MDO)	Electrical Drawout (EDO)
<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 5a 5b i.e 5NO+5NC - Main CTs - Terminal Type - Horizontal upto 2500A & Vertical for 3200A-6300A - Power Supply Module 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 5a5b i.e. 5NO+5NC - Main CTs - AC/DC Charging Motor - Closing Coil - Shunt Trip - Anti-pumping Relay - Micro Switches as required for electrical operation - Terminal Type - Horizontal upto 2500A & Vertical for 3200A-6300A - Power Supply Module 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 7a 7b i.e. 7NO+7NC - Main CTs - Safety Shutter - Main CTs - Safety Shutter - 36 way Auxiliary Isolating contacts • Terminal Type - Horizontal upto 2500A & Vertical for 3200A-6300A - Power Supply Module 	<ul style="list-style-type: none"> - Microprocessor Release - Auxiliary Switch 7a 7b i.e. 7NO+7NC - Main CTs - Safety Shutter - 36 way Auxiliary Isolating contacts - AC/DC Charging Motor - Closing Coil - Shunt Trip - Anti-pumping Relay - Micro Switches as required for electrical operation • Terminal Type - Horizontal upto 2500A & Vertical for 3200A-6300A - Power Supply Module

LT Air Circuit Breaker fitted with Intelligent Release MicroPro 4.1

Fixed 3 Pole		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	☒ AHA06N3P*MP4.1(S)	86540	118120
800	50kA	☒ AHA08N3P*MP4.1(S)	92500	124570
1000	50kA	☒ AHA10N3P*MP4.1(S)	92980	128610
1000	50kA	☒ AH10DCSMP4.1*(S)	POR	POR
1250	50kA	☒ AHA12N3P*MP4.1(S)	117760	148580
1250	50kA	☒ AH12DCSMP4.1*(S)	POR	POR
1600	50kA	☒ AHA16N3P*MP4.1(S)	127310	160740
1600	50kA	☒ AH16DCSMP4.1*(S)	POR	POR
2000	50kA	☒ AHA20N3P*MP4.1(S)	143940	191960
2000	50kA	☒ AH20DCSMP4.1*(S)	POR	POR
2500	50kA	☒ AHA25N3P*MP4.1(S)	165980	217420
2500	50kA	☒ AH25DCSMP4.1*(S)	POR	POR
2000	65kA	☒ AHA20S3P*MP4.1(S)	165630	217150
3200	65kA	☒ AH30DCSMP4.1*(S)	256280	298150
4000	85kA	☒ AH40DCSMP4.1*(S)	403490	437680

Fixed 4 Pole		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	☒ AHA06N4P*MP4.1(S)	110860	152560
800	50kA	☒ AHA08N4P*MP4.1(S)	177410	156820
1000	50kA	☒ AHA10N4P*MP4.1(S)	121060	161340
1000	50kA	☒ AH10D4CSMP4.1*(S)	POR	POR
1250	50kA	☒ AHA12N4P*MP4.1(S)	152130	188870
1250	50kA	☒ AH12D4CSMP4.1*(S)	POR	POR
1600	50kA	☒ AHA16N4P*MP4.1(S)	163340	202350
1600	50kA	☒ AH16D4CSMP4.1*(S)	POR	POR
2000	50kA	☒ AHA20N4P*MP4.1(S)	190330	237700
2000	50kA	☒ AH20D4CSMP4.1*(S)	POR	POR
2500	50kA	☒ AHA25N4P*MP4.1(S)	222140	268930
2500	50kA	☒ AH25D4CSMP4.1*(S)	POR	POR
2000	65kA	☒ AHA20S4P*MP4.1(S)	217520	265460
3200	65kA	☒ AH30D4CSMP4.1*(S)	317450	362650
4000	85kA	☒ AH40D4CSMP4.1*(S)	478140	544480

Drawout 3 Pole		[HSN Code: 8536]		
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MD	*ED
630	50kA	AHA06N3P*MP4.1(S)	122590	159680
800	50kA	AHA08N3P*MP4.1(S)	129330	161360
1000	50kA	AHA10N3P*MP4.1(S)	137920	167150
1000	50kA	AH10DCSMP4.1*(S)	POR	POR
1250	50kA	AHA12N3P*MP4.1(S)	153830	177000
1250	50kA	AH12DCSMP4.1*(S)	POR	POR
1600	50kA	AHA16N3P*MP4.1(S)	172220	204890
1600	50kA	AH16DCSMP4.1*(S)	POR	POR
2000	50kA	AHA20N3P*MP4.1(S)	203160	237220
2000	50kA	AH20DCSMP4.1*(S)	POR	POR
2500	50kA	AHA25N3P*MP4.1(S)	245340	273290
2500	50kA	AH25DCSMP4.1*(S)	POR	POR
2000	65kA	AHA20S3P*MP4.1(S)	235290	274460
3200	65kA	AHA30S3P*MP4.1(S)	326320	350270
3200	65kA	AH30DCSMP4.1*(S)	POR	POR
4000	65kA	☒ AHA40S3P*MP4.1(S)	413730	440510
4000	85kA	☒ AH40DCSMP4.1*(S)	445910	465820
5000	85kA	☒ AH50CCSMP4.1*(S)	POR	POR
6300	100kA	☒ AH60CCSMP4.1*(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*MP4.1(S)	160160	199550
800	50kA	AHA08N4P*MP4.1(S)	171100	206260
1000	50kA	AHA10N4P*MP4.1(S)	174690	213210
1000	50kA	AH10D4CSMP4.1*(S)	POR	POR
1250	50kA	AHA12N4P*MP4.1(S)	204270	233480
1250	50kA	AH12D4CSMP4.1*(S)	POR	POR
1600	50kA	AHA16N4P*MP4.1(S)	221760	254730
1600	50kA	AH16D4CSMP4.1*(S)	POR	POR
2000	50kA	AHA20N4P*MP4.1(S)	271840	300000
2000	50kA	AH20D4CSMP4.1*(S)	POR	POR
2500	50kA	AHA25N4P*MP4.1(S)	312390	350510
2500	50kA	AH25D4CSMP4.1*(S)	POR	POR
2000	65kA	AHA20S4P*MP4.1(S)	305890	343480
3200	65kA	AHA30S4P*MP4.1(S)	394540	418210
3200	65kA	AH30D4CSMP4.1*(S)	POR	POR
4000	65kA	☒ AHA40S4P*MP4.1(S)	493070	517420
4000	85kA	☒ AH40D4CSMP4.1*(S)	511590	557860
5000	85kA	☒ AH50C4CSMP4.1*(S)	POR	POR
6300	100kA	☒ AH60C4CSMP4.1*(S)	POR	POR

Price Changes for ACB with high end release w.r.t MicroPro 4.1 ACB

Release	Description	List Price (₹)
Micropro 5.1	LSING, Selectable Thermal Memory, 16 Fault Tripping History, ZSI, 2 way Communication RS485 Port, Current Metering	Add 6000

Notes:

- 1) In TP ACB if Earth Fault facility is required, add price of Neutral CTs from item no. 4.1 on page 22.
- 2) While ordering an ACB, complete the catalogue reference by replacing '*' with ACB type: MF-Manual Fixed, EF-Electrical Fixed, MD-Manual Drawout, ED-Electrical Drawout
- 3) Drawout type ACB with vertical terminal (factory fitted only) is available in ratings 8D-16D/06N-20S (AHA)
- 4) If ACB with communication is required, please refer item no. 22, 23 & 24 on page 24.

Air Circuit Breaker AH / AHA

630A-6300A

(III) ACB with Thermal Magnetic Release

AH / AHA Breaker fitted with standard accessories, tabulated below, are included in the Prices mentioned in the subsequent tables.

Manual Fixed (MF)	Electrical Fixed (EF)	Manual Drawout (MDO)	Electrical Drawout (EDO)
<ul style="list-style-type: none"> - Thermal Magnetic Release - Auxiliary Switch 5a 5b.i.e 5NO+5NC - Main CTs - Shunt Trip - Terminal Type - Horizontal upto 2500A & Vertical for 3200A-6300A 	<ul style="list-style-type: none"> - Thermal Magnetic Release - Auxiliary Switch 5a 5b.i.e 5NO+5NC - Main CTs - AC/DC Charging Motor - Closing Coil - Anti-pumping Relay - Micro Switches as required for electrical operation - Terminal Type - Horizontal upto 2500A & Vertical for 3200A-6300A 	<ul style="list-style-type: none"> - Thermal Magnetic Release - Auxiliary Switch 5a 5b.i.e 5NO+5NC - Main CTs - Safety Shutter - 24 way Auxiliary Isolating contacts - Terminal Type - Horizontal upto 2500A & Vertical for 3200A-6300A 	<ul style="list-style-type: none"> - Thermal Magnetic Release - Auxiliary Switch 7a 7b.i.e 7NO+7NC - Main CTs - Safety Shutter - 36 way Auxiliary Isolating contacts - AC/DC Charging Motor - Closing Coil - Shunt Trip - Anti-pumping Relay - Micro Switches as required for operation - Terminal Type - Horizontal upto 2500A & Vertical for 3200A-6300A

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)	67420	98440
800	50kA	AHA08N3P*TM(S)	72240	109290
1000	50kA	AHA10N3P*TM(S)	74060	109940
1000	50kA	AH10DCSTM*(S)	POR	POR
1250	50kA	AHA12N3P*TM(S)	102870	133810
1250	50kA	AH12DCSTM*(S)	POR	POR
1600	50kA	AHA16N3P*TM(S)	106700	143619
1600	50kA	AH16DCSTM*(S)	POR	POR
2000	50kA	AHA20N3P*TM(S)	122560	170840
2000	50kA	AH20DCSTM*(S)	POR	POR
2500	50kA	AHA25N3P*TM(S)	137390	197580
2500	50kA	AH25DCSTM*(S)	POR	POR
2000	65kA	AHA20S3P*TM(S)	135350	196870
3200	65kA	AH30DCSTM*(S)	229370	275650
4000	85kA	AH40DCSTM*(S)	355220	400890

Fixed 4 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MF	*EF
630	50kA	AHA06N4P*TM(S)	90700	121820
800	50kA	AHA08N4P*TM(S)	97640	127770
1000	50kA	AHA10N4P*TM(S)	99350	133350
1000	50kA	AH10D4CSTM*(S)	POR	POR
1250	50kA	AHA12N4P*TM(S)	127690	161100
1250	50kA	AH12D4CSTM*(S)	POR	POR
1600	50kA	AHA16N4P*TM(S)	138290	176300
1600	50kA	AH16D4CSTM*(S)	POR	POR
2000	50kA	AHA20N4P*TM(S)	167610	204470
2000	50kA	AH20D4CSTM*(S)	POR	POR
2500	50kA	AHA25N4P*TM(S)	192660	234510
2500	50kA	AH25D4CSTM*(S)	POR	POR
2000	65kA	AHA20S4P*TM(S)	187830	229270
3200	65kA	AH30D4CSTM*(S)	286860	328990
4000	85kA	AH40D4CSTM*(S)	420730	487920

Drawout 3 Pole			[HSN Code: 8536]	
Rating (Amps)	Breaking Capacity Icu=Ics=Icw (1sec)	Reference	List Price (₹)	
			*MD	*ED
630	50kA	AHA06N3P*TM(S)	108140	145660
800	50kA	AHA08N3P*TM(S)	109320	150050
1000	50kA	AHA10N3P*TM(S)	115460	151940
1000	50kA	AH10DCSTM*(S)	POR	POR
1250	50kA	AHA12N3P*TM(S)	141300	171480
1250	50kA	AH12DCSTM*(S)	POR	POR
1600	50kA	AHA16N3P*TM(S)	160110	192400
1600	50kA	AH16DCSTM*(S)	POR	POR
2000	50kA	AHA20N3P*TM(S)	190360	221720
2000	50kA	AH20DCSTM*(S)	POR	POR
2500	50kA	AHA25N3P*TM(S)	227530	259700
2500	50kA	AH25DCSTM*(S)	POR	POR
2000	65kA	AHA20S3P*TM(S)	215950	259020
3200	65kA	AHA30S3P*TM(S)	293570	324440
3200	65kA	AH30DCSTM*(S)	POR	POR
4000	65kA	AHA40S3P*TM(S)	388820	419110
4000	85kA	AH40DCSTM*(S)	407740	443850
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)	135770	179910
800	50kA	AHA08N4P*TM(S)	141300	186780
1000	50kA	AHA10N4P*TM(S)	148070	189100
1000	50kA	AH10D4CSTM*(S)	POR	POR
1250	50kA	AHA12N4P*TM(S)	181270	211130
1250	50kA	AH12D4CSTM*(S)	POR	POR
1600	50kA	AHA16N4P*TM(S)	199140	229440
1600	50kA	AH16D4CSTM*(S)	POR	POR
2000	50kA	AHA20N4P*TM(S)	245890	267180
2000	50kA	AH20D4CSTM*(S)	POR	POR
2500	50kA	AHA25N4P*TM(S)	286430	318410
2500	50kA	AH25D4CSTM*(S)	POR	POR
2000	65kA	AHA20S4P*TM(S)	284630	322750
3200	65kA	AHA30S4P*TM(S)	366320	397800
3200	65kA	AH30D4CSTM*(S)	POR	POR
4000	65kA	AHA40S4P*TM(S)	473630	500520
4000	85kA	AH40D4CSTM*(S)	491970	530060
5000	85kA	AH50C4CSTM*(S)	POR	POR
6300	100kA	AH60C4CSTM*(S)	POR	POR

- Notes:**
- 1) While ordering an ACB without Over Current Release, Shunt trip & Main CTs, please deduct (₹) 4000 for 630-1600A; (₹) 5000 for 2000A; (₹) 6500 for 2500-3200A & (₹) 7800 for 4000A from the prices listed above. Shunt trip will be standard in electrical ACB without release as well.
 - 2) In TP ACB if Earth Fault facility is required, add prices of Earth Fault Relay from item no. 2 on page 21 & item No. 4.2 on page 22
 - 3) While ordering an ACB, complete the catalogue reference by replacing '*' with ACB type: **MF**-Manual Fixed, **EF**-Electrical Fixed, **MD**-Manual Drawout, **ED**-Electrical Drawout
 - 4) 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 I _{cu} =I _{cs} =I _{cw} (1sec)	Reference	List Price (₹)
			MF
630	50kA	AH06BCSTM*(S)	59770
800	50kA	AH08BCSTM*(S)	59910
1000	50kA	AH10BCSTM*(S)	60460
1250	50kA	AH12BCSTM*(S)	69830
1600	50kA	AH16BCSTM*(S)	83990
2000	50kA	AH20BCSTM*(S)	92390

Manual Fixed, 3 Pole with Intelligent Release MicroPro 3.1			[HSN Code: 8536]
Rating (Amps)	Breaking Capacity I _{cu} =I _{cs} =I _{cw} (1sec)	Reference	List Price (₹)
			MF
630	50kA	AH06BCSMP3.1*(S)	62900
800	50kA	AH08BCSMP3.1*(S)	65480
1000	50kA	AH10BCSMP3.1*(S)	69850
1250	50kA	AH12BCSMP3.1*(S)	91210
1600	50kA	AH16BCSMP3.1*(S)	104120
2000	50kA	AH20BCSMP3.1*(S)	113490

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	4310

2. Earth Fault Relay (for ACB with thermal release)

Sl. No.	EFR with NCT and Wiring Bunch for 3Pole Breaker			EFR with Wiring Bunch for 4Pole Breaker	
	Description	Reference	List Price (₹)	Reference	List Price (₹)
2.1	06D/06N	CS-EFR-06D3P	5720	CS-EFR-06D4P	4140
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	6650	CS-EFR-16D4P	4320
2.6	20N/20S	CS-EFR-20N3P		CS-EFR-20N4P	
2.7	20D	CS-EFR-20D3P		CS-EFR-20D4P	
2.8	25D/25N	CS-EFR-25D3P		CS-EFR-25D4P	
2.9	30S	CS-EFR-30S3P	6650	CS-EFR-30S4P	4970
2.10	30D	CS-EFR-30D3P		CS-EFR-30D4P	
2.11	40S	CS-EFR-40S3P		CS-EFR-40S4P	
2.12	40D	CS-EFR-40D3P	9050	CS-EFR-40D4P	
2.13	50C	CS-EFR-50C3P	POR	CS-EFR-50C4P	POR
2.14	60C	CS-EFR-60C3P	POR	CS-EFR-60C4P	POR



3. FRP Safety Shutter Assembly

Sl. No.	Description	Reference	List Price (₹)
3.1	For 6D-16D / 06N-16N, 3 Pole	ASH-1	1855
	For 6D-16D / 06N-16N, 4 Pole	ASH-1 (4P)	2395
3.2	For 20N / 20S, 3 Pole	ASH-1-20N/S (3P)	1952
	For 20N / 20S, 4 Pole	ASH-1-20N/S (4P)	2495
3.3	For 20D-25D/30S, 3 Pole	ASH-2	2122
	For 20D-25D/30S, 4 Pole	ASH-2 (4P)	2766
3.4	For 30D/40S, 3 Pole	ASH-3	2892
	For 30D/40S, 4 Pole	ASH-3 (4P)	4135
3.5	For 40D, 3 Pole	ASH-4	3538
	For 40D, 4 Pole	ASH-4 (4P)	4630
3.6	For 50C / 60C, 3 Pole	ASH-5	POR
	For 50C / 60C, 4 Pole	ASH-5 (4P)	POR

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	2170
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	2280
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	3050
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	
4.1.13	25D / 25N	2500/0.2A	CS-ATBWM-225	CS-ATBWM-225	3810
4.1.14	30S	3200/0.2A	CS-ATBWM-2532	CS-ATBWM-332	
4.1.15	30D	3200/0.2A	CS-ATBWM-332	CS-ATBWM-332	
4.1.16	40S / 40D	4000/0.2A	CS-ATBWM-440	CS-ATBWM-440	5450
4.1.17	50C	5000/0.2A	CS-ATBWM-550	CS-ATBWM-554	POR
4.1.18	60C	6300/0.2A	CS-ATBWM-660	CS-ATBWM-664	

4.2 Single Phase Resin Cast CTs for "AH/AHA" ACB for Thermal release-1 CT per pole is required. In TP ACB, one additional CT will be required if, Ground Fault Protection is selected.



Sl. No.	Type	Description	Phase CT	Neutral CT	List Price (₹)
4.2.1		100/5A	CS-ATB-014	CS-ATB-010	2010
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	2060
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	2400
4.2.11	20N/20S	2000/5A	CS-ATB-220	CS-ATB-220	2720
4.2.12	20D	2000/5A	CS-ATB-220	CS-ATB-220	
4.2.13	25D / 25N	2500/5A	CS-ATB-225	CS-ATB-225	3050
4.2.14	30S	3200/5A	CS-ATB-2532	CS-ATB-332	3540
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	5060
4.2.17	50C	5000/5A	CS-ATB-554	CS-ATB-550	POR
4.2.18	60C	5000/5A	CS-ATB-664	CS-ATB-660	

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)	2700
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)	8280

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	1070
		20D-40D/25N-40S	CS-AXH-3A2B-220	
6.2	10 way (5NO+5NC)	6D-16D/08N-20S	CS-AXH-5A5B-116	1600
		20D-40D/25N-40S / 50C-60C	CS-AXH-5A5B-220	
6.3	14 way (7NO+7NC)	6D-16D/06N-20S	CS-AXH-7A7B-116	2620
		20D-40D/25N-40S / 50C-60C	CS-AXH-7A7B-220	



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-**	3670	
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-**	2040	
	20D-40D/25N-40S/50C-60C	CS-AVH-S-220-**		
8.2	Closing Coil 6D-16D/06N-20S	CS-AVH-C-116-**	2040	
	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	620	ALA-2	620
10	Trip Indication Switch (For both manual and Fault indication in ACB)	TIS -1		TIS-2	
11	Spring Charged Indication Switch	SCIS-M	810	SCIS-M2	810
12	Position Indication Switch (Right side)	ALB-4P-1	2020	ALB-IP-2	2020
13	Position Indication Switch (Left side)	ALB-FR-1-L	2020	ALB-FR-2-L	2020
14	Mechanical operation counter	ASC-1	1875	ASC-2	1875
15	Key Lock (One lock + One key)	AK1-116D	1415	AKI-2D	1415
16	Castle Key Lock-3 Pole	CKI-116 (3P)	4350	CKI-220 (3P)	4350
	Castle Key Lock-4 Pole	CKI-116 (4P)	4350	CKI-220 (4P)	4350
17	Key Interlock (Consisting of 3-Key Locks with 2 Keys (same No.) fitted on 3 ACBs)	AKI-1-1	3860	AKI-1-2	3860
18	Key Interlock (Consisting of 2-Key Locks with 1 Key (same No.) fitted on 2 ACBs)	AKI-2-1	2950	AKI-2-2	2950
19	Short Circuit Contact for Shunting Auxiliary Isolating Contacts when ACB withdrawn	SCC	345	SCC	345
20	Rectifier Unit input 240V AC/ output 24V DC, used for Fault LED Retention	ARO-1BMA	2020	ARO-1BMA	2020
21	Mal Insertion Preventor	MIP-NPCIL	500	MPI-2-NPCL	500

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	Communication Module for Micropro 4.1 & 5.1 Release	CSPSCM-MICROPRO	15390				
23	Power Supply Module	CSPSM-MICROPRO	7670				
24	Battery Module for MicroPro 4.1 & 5.1 Release	CS-MPBU4.1.1	7670				
Suitable for ACB frame size / rating							
Sl. No.	Description	6D-16D/ 08N-20S (AHA) Reference		List Price (₹)	20D-25D / 25N-30S Reference		List Price (₹)
		3 Pole	4 Pole				
25	Mechanical Interlock (Fixed Vertical)	MIL-16D3P-VF	MIL-16D4P-VF	7122	MIL-20D3P-VF/4P	MIL-20D4P-VF	7406
26	Mechanical Interlock (Fixed Horizontal)	MIL-16D3P-HF	MIL-16D4P-HF	7122	MIL-20D3P-HF/4P	MIL-20D4P-HF	7406
27	Mechanical Interlock (D/o Vertical)	MIL-16D4P-VDO	MIL-16D3P-VDO	10058	MIL-20D3P-VDO/4P	MIL-20D4P-VDO	10460
28	Mechanical Interlock (D/o Horizontal)	MIL-16D3P-HDO	MIL-16D4P-HDO	10058	MIL-20D3P-HDO/4P	MIL-20D4P-HDO	10460
Sl. No.	For Air Circuit Breaker	Reference		List Price (₹)			
29	Lifter (for all sizes of ACBs)	☒ LIFTER (580x600)*		94389			
		☒ LIFTER-SPL (690x570)*		103773			
30	Door Interlock						
30.1	Door Interlock 6D-16D / 06N-20S (Right side)	DOOR-INT-116		2091			
30.2	Door Interlock 6D-16D / 06N-20S (Left side)	DOOR-INT-116 (LH)					
31	Door Interlock						
31.1	Door Interlock (20D-40D) / 25N-40S (Right side)	DOOR-INT-220		2091			
31.2	Door Interlock (20D-40D) / 25N-40S (Left side)	DOOR-INT-220 (LH)					

Sl. No. 26, 27 & 28, 30 & 31 will be supplied only factory fitted. These can not be fitted at site thus always order with ACB only. * in (mm)

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	3832
32.2	10D-12D & 12N	☒ CUADPTR-VC(10D-12D)	1	4715
32.3	16D & 16N-20S	☒ CUADPTR-VC(16D)	1	5650
32.4	20D-25D & 25N	☒ CUADPTR-VC(20D-25D)	1	12463

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	1004	
20D	☒ DRMOULD-20D	2	1195	
25D/30S (AHA)	☒ DRMOULD-25D	2	1401	
30D/40S (AHA)	☒ DRMOULD-30D	1	2822	
40D	☒ DRMOULD-40D	1	2920	
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	3152	
10D-12D / 12N	CS-ARCCONT-12D	1	3208	
16D / 16N	CS-ARCCONT-16D	1	3440	
20N (Fixed ACB)	CS-ARCCONT-20N	1	3533	
20N / 20S (Drawout ACB)	CS-ARCCONT-20S	1	3687	
20D	CS-ARCCONT-20D	1	7328	
25D / 25N-30S	CS-ARCCONT-25D	1	7406	
30D/40S	CS-ARCCONT-30D	1	7381	
40D	CS-ARCCONT-40D	1	8786	
50C	CS-ARCCONT-50C	1	POR	
60C	CS-ARCCONT-60C	1	POR	

Note: *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	6226
10D-12D / 12N	CS-MIC-12D	2	6226
16D / 16N	CS-MIC-16D	2	6504
20N / 20S	CS-MIC-20S	2	8219
20D	CS-MIC-20D	2	14884
25D / 25N-30S	CS-MIC-25D	2	15852
30D / 40S	CS-MIC-30D	2	25621
40D	CS-MIC-40D	2	30735
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	5814
10D-12D / 12N	FIXCONT-10D-12D	1	6005
16D / 16N	FIXCONT-16D	1	8353
20N(AHA)-Fixed type ACB	FIXCONT-20N	1	8544
20N(AHA)-/20S Drawout ACB	FIXCONT-20S	1	8704
20D	FIXCONT-20D	1	9043
25D / 25N-30S	FIXCONT-25D	1	14987
30D/40S	FIXCONT-30D	1	35453
40D	FIXCONT-40D	1	36132
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-8B-8D	1	4099
10D-12D / 12N (AHA)	LWR-TRNL-12B-12D	1	4609
16D / 16N(AHA)	LWR-TRNL-16B-16D	1	6396
20N(AHA) (Fixed ACB)	LWR-TRNL-20N	1	7428
20N(AHA) /20S(AHA) (Drawout ACB)	LWR-TRNL-20S	1	7519
20D	LWR-TRNL-20C-20D	1	11866
25D / 25N-30S (AHA)	LWR-TRNL-25C-25D	1	14450
30D/40S(AHA)	LWR-TRNL-30C-30D	1	21630
40D	LWR-TRNL-40C-40D	1	38084
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	3775
	CS-CKTTML-08N(V)	Vertical	1	5737
10D-12D / 12N	CS-CKTTML-12D	Horizontal	1	5603
	CS-CKTTML-12D(V)	Vertical	1	8400
16D / 16N	CS-CKTTML-16D	Horizontal	1	8982
	CS-CKTTML-16D(V)	Vertical	1	11897
20N/20S	CS-CKTTML-20S	Horizontal	1	8982
	CS-CKTTML-20S(V)	Vertical	1	11897
20D	CS-CKTTML-20D	Horizontal	1	8982
	CS-CKTTML-20D(V)	Vertical	1	11897
25D / 25N, 25D / 25N-30S	CS-CKTTML-25D	Horizontal	1	13199
	CS-CKTTML-25D(V)	Vertical	1	26080
30D / 40S	CS-CKTTML-30D	Vertical	1	26131
40D	CS-CKTTML-40D	Vertical	1	33053
50C	CS-CKTTML-50C	Vertical	1	POR
60C	CS-CKTTML-60C	Vertical	1	POR

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	4182
06N-10N	MOVMAIN-08N	1	4414
10D-20D / 12N	MOVMAIN-10D-12D	1	4502
16D / 16N	MOVMAIN-16D	1	6541
20N (AHA)-(Fixed Type ACB)	MOVMAIN-20N	1	7272
20N (AHA)-20S (Drawout Type ACB)	MOVMAIN-20S	1	8060
20D	MOVMAIN-20D	1	8693
25D / 25N-30S	MOVMAIN-25D	1	11412
30D / 40S	MOVMAIN-30D	1	26214
40D	MOVMAIN-40D	1	34989
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 06D / 08D	CS-CONDUNIT-8D	11418
40.2	Single Pole unit for 08N-10N	CS-CONDUNIT-8N	13091
40.3	Single Pole unit for 10D / 12D & 12N	CS-CONDUNIT-12D	13668
40.4	Single Pole unit for 16D / 16N	CS-CONDUNIT-16D	16547
40.5	Single Pole unit for 20N (AHA)-F■	CS-CONDUNIT-20N	18581
40.6	Single Pole unit for 20N (AHA)-DO■/20S	CS-CONDUNIT-20S	20528
40.7	Single Pole Unit for 20D	CS-CONDUNIT-20D	25086
40.8	Single Pole Unit for 25D / 25N-30S	CS-CONDUNIT-25D	27202
40.9	Single Pole Unit for 30D/40S	CS-CONDUNIT-30D	54487
40.10	Single Pole Unit for 40D	CS-CONDUNIT-40D	64911
40.11	Single Pole Unit for 50C	CS-CONDUNIT-50C	POR
40.12	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	2493
20S	CS-ARCCHT-20S	1	3224
20D	CS-ARCCHT-20D	1	3275
25D/30S	CS-ARCCHT-25D	1	3770
30D/40S	CS-ARCCHT-30D	1	8168
40D	CS-ARCCHT-40D	1	8755
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)	AMH-1	17577	
20D-40D/30S-40S(AHA)	AMH-2	22918	

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)	AMH-1-AS	2441	
20D-40D / 30S-40S (AHA)	AMH-2-AS	2857	

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 *	886
43.2	Anti Pumping Relay 6D-16D/06N-20S, 3P 6D-16D/06N-20S, 4P	CS-ANTPUMPRLY-116** CS-ANTPUMPRLY-116 (4P)	3039
	20D-25D/30S, 3P 20D-25D/30S, 4P	CS-ANTPUMPRLY-220 ** CS-ANTPUMPRLY-220 (4P)	3554
	30D-40D/40S / 50C-60C, 3P 30D-40D/40S / 50C-60C, 3P	CS-ANTPUMPRLY-320** CS-ANTPUMPRLY-320 (4P)	4079
43.3	Manual Charging Handle 6D-16D/06N-20S	MCLHND-6D-16D	2410
43.4	Manual Charging Handle 20D-40D/25N-40S	MCLHND-20D-40D	2616
43.5	Drawout Handle 6D-16D/06N-20S	DRHND-6D-16D	1988
43.6	Drawout Handle 20D-40D/25N-40S	DRHND-20D-40D	2410
43.7	Magnet Hold Trigger 6D-16D/06N-20S, 3P 6D-16D/06N-20S, 4P	CS-MHT-16D CS-MHT-16D-4P	2616 3085
43.8	Magnet Hold Trigger 20D-25D / 25N-30S, 3P 20D-25D / 25N-30S, 4P	CS-MHT-20D-25D3P CS-MHT-20D-25D4P	3399 3873
43.9	Magnet Hold Trigger 30D-40D/40S (AHA), 3P 50C-60C 3P	CS-MHT-30D-3P CS-MHT-40D-60C3P	3507
	Magnet Hold Trigger 30D-40D / 40S / 50C-60C, 4P	CS-MHT-30D-60C4P	3986
43.10	D/O Telescopic Rail (Left) 6D-16D / 06N-20S 20D-25D / 25N-30S 30D-40D /40S	DRTLRAIL (L)-1 DRTLRAIL (L)-2 DRTLRAIL (L)-3	948
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	948

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	3667	

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

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

CUSTOMER NAME		ORDER NO. & DATE		DELIVERY DATE	END USER / PANEL BUILDER NAME & PHONE NO.		
RATING OF ACB REQUIRED	<input type="checkbox"/> 630 A	<input type="checkbox"/> 1000 A	<input type="checkbox"/> 1600 A	<input type="checkbox"/> 2500 A	<input type="checkbox"/> 4000 A	<input type="checkbox"/> 6300 A	
	<input type="checkbox"/> 800 A	<input type="checkbox"/> 1250 A	<input type="checkbox"/> 2000 A	<input type="checkbox"/> 3200 A	<input type="checkbox"/> 5000 A	QTY. (NOS.)	
NO. OF POLES	<input type="checkbox"/> 3 POLE	<input type="checkbox"/> 4 POLE	Breaking capacity		Product Reference		
MOUNTING	<input type="checkbox"/> FIXED	<input type="checkbox"/> DRAWOUT	<input type="checkbox"/> 24/36 WAY AUX. ISOLATING CONTACT ASSLY. <input type="checkbox"/> POSITION INDICATION SWITCH <input type="checkbox"/> SHORT CIRCUIT CONTACTS _____ NOS / ACB				
OPERATION	<input type="checkbox"/> MANUAL	<input type="checkbox"/> ELECTRICAL	CLOSING COIL: <input type="checkbox"/> 110V AC <input type="checkbox"/> 220~250V AC <input type="checkbox"/> 415~440V AC <input type="checkbox"/> 24V DC <input type="checkbox"/> 48V DC <input type="checkbox"/> 110V DC <input type="checkbox"/> 220V DC				
			SHUNT TRIP COIL: <input type="checkbox"/> 110V AC <input type="checkbox"/> 220~250V AC <input type="checkbox"/> 415~440V AC <input type="checkbox"/> 24V DC <input type="checkbox"/> 48V DC <input type="checkbox"/> 110V DC <input type="checkbox"/> 220V DC				
				MOTOR: <input type="checkbox"/> 110V AC <input type="checkbox"/> 220V AC <input type="checkbox"/> 110V DC <input type="checkbox"/> 220V DC			
RELEASES	<input type="checkbox"/> WITHOUT RELEASE						
	MICROPROCESSOR RELEASE		UNLESS & OTHERWISE SPECIFIED, ALL SETTINGS OF RELEASES WOULD BE SET AT MINIMUM VALUES.	SETTINGS : CT RATING _____ A, SHORT CIRCUIT _____ A, OVERLOAD _____ A, INSTANTANEOUS _____ A GROUND FAULT _____ A, Neutral _____ A			
	<input type="checkbox"/> MicroPro 3.1	<input type="checkbox"/> MicroPro 4.1					
	<input type="checkbox"/> MicroPro 5.1						
<input type="checkbox"/> COMMUNICATION MODULE* (ModBus Protocol) <input type="checkbox"/> POWER SUPPLY MODULE <input type="checkbox"/> BATTERY UNIT* <input type="checkbox"/> RECTIFIER*		<input type="checkbox"/> THERMAL MAGNETIC EARTHFAULT REQD. <input type="checkbox"/> NOT REQD. <input type="checkbox"/> SHUNT TRIP _____ V AC/ _____ V DC (220V AC SHUNT TRIP IS PROVIDED AS STANDARD) REQUIRED CT RATING _____ 5A NCT RATING _____ 5A SETTING OF NON-ADJ. MAG. INST. TRIP _____ KA					
ACCESSORIES	<input type="checkbox"/> AUX. SW. 3 NO + 2 NC		<input type="checkbox"/> AUX. SW. 5 NO + 5 NC		<input type="checkbox"/> AUX. SW. 7 NO + 7 NC		
	<input type="checkbox"/> TRIP IND. SWITCH		<input type="checkbox"/> OCR ALARM SWITCH		<input type="checkbox"/> SPRING CHARGE IND. SWITCH		
	<input type="checkbox"/> POSITION IND. SWITCH		<input type="checkbox"/> CASTLE KEY INTERLOCK		<input type="checkbox"/> MECH. OPERATION COUNTER		
	<input type="checkbox"/> UVT. <input type="checkbox"/> 110V AC <input type="checkbox"/> 220~250V AC <input type="checkbox"/> 415~440V AC <input type="checkbox"/> 110V DC <input type="checkbox"/> 220V DC		<input type="checkbox"/> KEY INTERLOCK <input type="checkbox"/> 2 ACBs <input type="checkbox"/> 3 ACBs		<input type="checkbox"/> MECHANICAL INTERLOCK HOR. <input type="checkbox"/> VER. <input type="checkbox"/> <input type="checkbox"/> DOOR INTERLOCK		
<input type="checkbox"/> (WITHOUT TIME DELAY)							
SPECIAL REQUIREMENT/ ACCESSORIES (IF ANY)							
Notes: (1) Please refer catalogue / Price-List, for further details of MicroPro 3.1 / 4.1 / 5.1 Releases. (2) Neutral CT is required alongwith Microprocessor Release having Ground-Fault Protection. This has to be mounted on Earth / Neutral Busbar of Panel. *(220V AC input is required)							



WiNbreak1

An Absolute Solution for
Distribution & Protection

Rating | 16A-400A

Poles | 3P & 4P

Breaking capacity | 25kA, 35kA
36kA, 50kA

Ui | 750V **Uimp** | 8kV



MCCB

WiNbreak1 MCCB is an incredibly innovative high quality circuit breaker supported with state-of-the-art manufacturing technologies, contemporary design, ergonomics and compactness.

WiNbreak1 in conforms with latest standard IS/IE C60947-2.

WiNbreak1 provides accurate and impeccable protection against overload and short circuit which ensures utmost performance, reliability and complete safety. The high breaking capacity of these MCCBs reflects the robustness of its design and ensures high electrical and mechanical life.



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

WiNbreak2

An Absolute solution for power distribution

Conforms to IS/IEC 60947-2

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

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

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

Breaking capacity : 50kA, 70kA & 150kA

$U_i : 1000V$

$U_{imp} : 8kV$



For power distribution

- The highest breaking capacity
- Optimum coordination Technique (cascading & discrimination)
- Powerful engineering tools

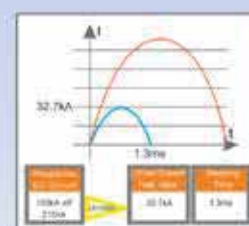
For protection of motor and its control device

- Optimal overload protection

For controlling & disconnecting circuits

For extensive application

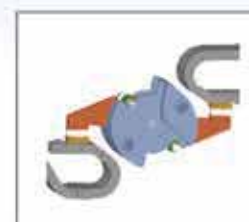
- wide range of optimized auxiliaries & accessories



Current Limiting



Tripping by Pressure



Double Contact Structure

INTELLIGENT RELEASE

Trip releases are classified according to their usages and functions to maximise customer's satisfaction. It makes the breaking capacity of circuit breaker improved and breaker's life enhanced and provides advanced functions – measurement, diagnosis, analysis and communication

N Type (Normal)



- L/S/I/G Thermal
- Self-Power
- RTC Timer
- Fault information (LED)

A Type (Ammeter)



- L/S/I/G Thermal
- ZSI (Protective Co-ordination)
- Earth Leakage
- Current Measurement
- Digital Output
- Modbus/RS-485
- Profibus-DP
- Self-Power
- RTC Timer
- Fault recording (10 Records)
- Fault information (LED)

P Type (Power Meter)



- L/S/I/G Thermal (continuous)
- ZSI (protective coordination)
- Earth Leakage
- Current / Voltage / RMS / Vector / Power/ Energy / Frequency measurement
- Pri-Trip Alarm
- IDML setting
- Digital output
- Modbus/RS-485
- Profibus-DP
- Self-power
- RTC Timer
- Event recording (256 records)
- Fault recording (256 records)
- Fault information (LED)

S Type (Supreme Meter)



- L/S/I/G Thermal (continuous)
- ZSI (protective coordination)
- Earth Leakage
- Current / Voltage / RMS / Vector / Power/ Energy / Frequency measurement
- Pri Trip alarm
- IDML setting
- Digital output
- Modbus/RS-485
- Profibus-DP
- Self-power
- RTC timer
- Harmonics (63th) ,Waveform
- Event recording (256 records)
- Fault recording (256 records)
- Fault information (LED)

WiNbreak2 MCCB (1600AF)
Features:

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

MCCB with Intelligent Release - N Type						[HSN Code: 8536]
Size	Release Range (A)	Breaking Capacity @ 415VAC	3 Pole Reference	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"

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
[HSN Code: 8538]

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

Note :

1. Shunt Trip is available in 24-30V AC/DC, 48-60V DC, 100-130V AC/DC, 200-250V AC/DC & 380- 480V AC
2. UVT is available in 24-30V AC/DC, 48-60V DC, 100-130V AC/DC, 200-250V AC/DC & 380-480V AC

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
[HSN Code: 8538]

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

Padlocking Device
[HSN Code: 8538]

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

Winbreak2 MCCB

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



FMU (Thermal Magnetic) Release • Adjustable Overload 80-100% • Fixed short circuit 10 In						[HSN Code: 8536]
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	3 Pole Reference	List Price (`)	4 Pole Reference	List Price (`)
Frame 1	16, 20, 25, 32, 40, 50, 63	50kA	CD100NFMU*3P	8970	CD100NFMU*4P	11120
	80, 100		CD100NFMU*3P	9060	CD100NFMU*4P	11220
Frame 3	300, 400	65kA	CS400NFMU*3P	27610	CS400NFMU*4P	35240
	500, 630		CS630NFMU*3P	31250	CS630NFMU*4P	38120
Frame 4	800	65kA	CS800NFMU*3P	44000	CS800NFMU*4P	54520

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	13950	CS160NATU*4P	17645
	160		CS160NATU*3P	17190	CS160NATU*4P	21235
	200		CS250NATU*3P	20670	CS250NATU*4P	25200
	250		CS250NATU*3P	23735	CS250NATU*4P	29180
Frame 3	300, 400	65kA	CS400NATU*3P	29000	CS400NATU*4P	35290
	500, 630		CS630NATU*3P	32895	CS630NATU*4P	40165
Frame 4	800	65kA	CS800NATU*3P	47930	CS800NATU*4P	59435

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	22930	CS160NETS*4P	28670
	80, 160		CS160NETS*3P	23245	CS160NETS*4P	28680
	250		CS250NETS*3P	27450	CS250NETS*4P	35975
Frame 3	400	65kA	CS400NETS*3P	31330	CS400NETS*4P	42540
	630		CS630NETS*3P	35975	CS630NETS*4P	50080
Frame 4	800	65kA	CS800NETS*3P	53110	CS800NETS*4P	61610

WiNbreak2 MCCB
[HSN Code: 8536]

ETM (Microprocessor Release with in-built Earth fault Protection) • Adjustable Overload 40 - 100% • Adjustable shortcircuit 1.5 - 10 In						
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	51650	CS400NETM33160A4PE	61920
	250		CS400NETM33250A3PE	51650	CS400NETM33250A4PE	61920
	400		CS400NETM33400A3PE	51775	CS400NETM33400A4PE	62130
	630		CS630NETM33630A3PE	62350	CS630NETM33630A4PE	74205
Frame 4	800	65kA	CS800NETM43800A3PE	87200	CS800NETM43800A4PE	109000

Note :

- While ordering replace "3" 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 35
- 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)	2620	UVT-T(..V)	3560	AX-T	1132	AL-T	1132	FAL-T	1132	

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
- Shunt Trip is available in 12V DC, 24V AC/DC, 110-130V AC/DC, 250V DC & 380-500V AC
- UVT is available in 24V AC/DC, 110-130V AC/DC, 220-240V DC & 380-440V AC & 440-480V AC
- Maximum Possibilities for Internal Accessories

	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	1418	DHK1-S	3743	EH1-S	2132	
CS160, CS250	DH2-S	1540	DHK2-S	3927	EH2-S	2836	
CS400, CS630	DH3-S	3030	DHK3-S	4120	EH3-S	3978	
CS800	DH4-S	3621	DHK4-S	4294	EH4-S	4702	

Mechanical Interlock (Used to prevent mechanically closing together)					[HSN Code: 8538]
Suitable for use on WB2 MCCBs	Direct Rotary Handle	List Price (₹)	Direct Rotary Handle with Keylock	List Price (₹)	
CD100	MIT13	6750	MIT14	7089	
CS160, CS250	MIT23	8230	MIT24	8517	
CS400, CS630	MIT33	8730	MIT34	8966	
CS800	MIT44	9537	MIT44	9353	

Winbreak2 MCCB


Motor Operator - For remote "ON/OFF" operation only			[HSN Code: 8538]
Suitable for MCCB Type	Control Voltage	Reference	List Price (`)
CD100	24V DC, 100-240V AC & 100-220V DC	MOP1(..V)	16208
CS160, CS250	24V DC, 110V AC/DC & 220V DC, 230V AC	MOP2(..V)	21481
CS400, CS630	24V DC, 110V AC/DC & 220V DC, 230V AC	MOP3(..V)	33823
CS800	24V DC, 110V AC/DC & 220V DC, 230V AC	MOP4(..V)	39943

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



Padlocking Device					[HSN Code: 8538]
Suitable for use on WB2 MCCBs	Fixed Lock		Removable Lock		List Price (`)
	Reference	List Price (`)	Reference	List Price (`)	
CD100	PHL 1	1153	PL 1	668	
CS160, CS250	PHL 2	1275	PL 2	862	
CS400, CS630	PHL 3	2075	PL 3	1056	
CS800	PHL 4	2050	PL 4	1102	



Base for Plug-in MCCB			[HSN Code: 8538]
Suitable for use on WB2 MCCBs	Reference (for 3 Pole)	List Price (`)	
CD100	PB13	13138	
CS160, CS250	PB23	16320	
CS400, CS630	PB33	26183	
CS800	PB43	65515	

NCT for Winbreak2 ETM-Microprocessor (3 Pole MCCB if ground fault facility is required)			[HSN Code: 8538]
Description	Reference	List Price (`)	
160/0.1A	NCT-WB2-016	4682	
250/0.1A	NCT-WB2-025	4794	
400/0.1A	NCT-WB2-040	5141	
630/0.1A	NCT-WB2-063	5539	
800/0.1A	NCT-WB2-080	5896	

Panel Door Mounted Key Lock for Extended Rotary Handle			[HSN Code: 8538]
Suitable for WB2 MCCBs	Reference	List Price (`)	
CD100	EXTKLWB2-100AF-T1	1836	
CS160, CS250	EXTKLWB2-250AF-T1	2040	

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	40	36kA	CSCN125EM*3P	15680	CSCN125EM*4P	19600	
	100		CSCN125EM*3P	15760	CSCN125EM*4P	19700	
	125		CSCN125EM*3P	16775	CSCN125EM*4P	20800	
	160		CSCN250EM*3P	18310	CSCN250EM*4P	22890	
	200		CSCN250EM*3P	22800	CSCN250EM*4P	28495	
	250		CSCN250EM*3P	23320	CSCN250EM*4P	29140	
	Frame 2	40	50kA	CSCS125EM*3P	16140	CSCS125EM*4P	20165
		100		CSCS125EM*3P	16210	CSCS125EM*4P	20270
		125		CSCS125EM*3P	17335	CSCS125EM*4P	21660
		160		CSCS250EM*3P	19760	CSCS250EM*4P	24690
		200		CSCS250EM*3P	24845	CSCS250EM*4P	31045
		250		CSCS250EM*3P	25180	CSCS250EM*4P	31470
Frame 3	315, 350, 400	50kA	CSCS400EM*3P	29545	CSCS400EM*4P	36920	
	500, 630		CSCS630EM*3P	33660	CSCS630EM*4P	41360	
Frame 2	40	70kA	CSCH125EM*3P	19090	CSCH125EM*4P	24240	
	100		CSCH125EM*3P	19165	CSCH125EM*4P	24345	
	125		CSCH125EM*3P	21000	CSCH125EM*4P	26290	
	160		CSCH250EM*3P	22420	CSCH250EM*4P	28040	
	200		CSCH250EM*3P	28940	CSCH250EM*4P	36170	
	250		CSCH250EM*3P	28960	CSCH250EM*4P	36460	
Frame 3	315, 350, 400	70kA	CSCH400EM*3P	31335	CSCH400EM*4P	39150	
	500, 630		CSCH630EM*3P	34995	CSCH630EM*4P	43750	

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	88710	CSCS800EM*4P	97580
	1000 ■		CSCS1250EM*3P	94670	CSCS1250EM*4P	104135
	1250 ■		CSCS1250EM*3P	102470	CSCS1250EM*4P	119700
Frame 4	700, 800 ■	70kA	CSCH800EM*3P	88760	CSCH800EM*4P	102950
	1000 ■		CSCH1250EM*3P	98380	CSCH1250EM*4P	124965
	1250 ■		CSCH1250EM*3P	122980	CSCH1250EM*4P	156210

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. 37

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	7520	CSCN125TM*4P	9340
	80, 100		CSCN125TM*3P	7550	CSCN125TM*4P	9536
	125		CSCN125TM*3P	9150	CSCN125TM*4P	11150
Frame 1	16, 20, 25, 32, 40, 50, 63	50kA	CSCS125TM*3P	7995	CSCS125TM*4P	10015
	80, 100		CSCS125TM*3P	8040	CSCS125TM*4P	10890
	125		CSCS125TM*3P	11940	CSCS125TM*4P	14915

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	11690	CSCN250TM*4P	14370
	200		CSCN250TM*3P	13448	CSCN250TM*4P	16265
	250		CSCN250TM*3P	16700	CSCN250TM*4P	20530
☀ Frame 3	315, 400	36kA	CSCN400TM*3P	27860	CSCN400TM*4P	34215
Frame 2	160	50kA	CSCS250TM*3P	14620	CSCS250TM*4P	18280
	200		CSCS250TM*3P	19178	CSCS250TM*4P	23980
	250		CSCS250TM*3P	22170	CSCS250TM*4P	27720
☀ Frame 3	315, 400	50kA	CSCS400TM*3P	28350	CSCS400TM*4P	35050

Accessories
Spreader Terminals
[HSN Code: 8538]


Suitable for use on MCCBs	Pole	Reference	List Price (₹)	Std Pkg. (No's)
CSCS / CSCH 800EM CSCS / CSCH 1250EM	3 Pole	CSCET6063	6905	Set of 3
CSCS / CSCH 800EM CSCS / CSCH 1250EM	4 Pole	CSCET6114	10067	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	1831
Frame 2	CSCN / CSCS 250TM CSCN / CSCS / CSCH 125EM CSCN / CSCS / CSCH 250EM	EC-56	EC-20	2264
Frame 3	CSCN / CSCS 400TM CSCS / CSCH 400EM CSCS / CSCH 630EM	EC-57	EC-21	3040
Frame 4	CSCS / CSCH 800EM CSCS / CSCH 1250EM	EC-58	EC-58	4559

ACE2 MCCB

Internal Accessories			[HSN Code: 8538]
Description	Suitable for use on ACE2 MCCBs	Reference	List Price (₹)
Aux Switch (AX)	CSCN / CSCS / CSCH	AXC-*	877
Alarm Switch (AL)	CSCN / CSCS / CSCH	ALC	979

* Please replace "*" with L (Left), M (Middle) & R (Right)

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	-	1714
	CSCN / CSCS 250TM CSCN / CSCS 400TM CSCN / CSCS / CSCH 250EM CSCS / CSCH 400EM CSCS / CSCH 630EM	STC93	STC96	STC99	-	1928
	CSCS / CSCH 800EM CSCS / CSCH 1250EM	STC94	STC97	STC00	STC01	3856
Under Voltage Trip (UVT)	CSCN / CSCS 125TM	UVTC02	UVTC05	-	-	2601
	CSCN / CSCS 250TM CSCN / CSCS 400TM CSCN / CSCS / CSCH 250EM CSCS / CSCH 400EM CSCS / CSCH 630EM	UVTC03	UVTC06	-	-	2815
	CSCS / CSCH 800EM CSCS / CSCH 1250EM	UVTC04	UVTC07	-	-	7691

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

WiNbreak1 MCCB

- Conforms to IS/IEC 60947-2
- Ics=100% Icu
- Range: 16A-400A, 3 & 4 Pole
- Breaking capacity: 25kA, 35/36kA, 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-*	4560	CSE1M125FMU4P-*	5595
	16, 20, 25, 32, 40, 50	35kA	CSE1N125FMU3P-*	5750	CSE1N125FMU4P-*	7020

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-*	4590	CSE1M125ATM4P-*	5660	
	125		CSE1M125ATM3P-*	6021	CSE1M125ATM4P-*	7760	
Frame 2	160		CSE2M250ATM3P-*	9597	CSE2M250ATM4P-*	11610	
	200		CSE2M250ATM3P-*	10845	CSE2M250ATM4P-*	13230	
	250		CSE2M250ATM3P-*	13218	CSE2M250ATM4P-*	16255	
Frame 3	320		CSE3M400ATM3P-*	18420	CSE3M400ATM4P-*	21530	
	350		CSE3M400ATM3P-*	18420	CSE3M400ATM4P-*	21530	
	400		CSE3M400ATM3P-*	19040	CSE3M400ATM4P-*	22715	
Frame 1	63, 80, 100		35kA	CSE1N125ATM3P-*	5918	CSE1N125ATM4P-*	7218
	125			CSE1N125ATM3P-*	7445	CSE1N125ATM4P-*	9120
Frame 2	160	CSE2N250ATM3P-*		10140	CSE2N250ATM4P-*	12275	
	200	CSE2N250ATM3P-*		11718	CSE2N250ATM4P-*	14300	
	250	CSE2N250ATM3P-*		14090	CSE2N250ATM4P-*	17495	
Frame 3	320	CSE3N400ATM3P-*		18550	CSE3N400ATM4P-*	21750	
	350	CSE3N400ATM3P-*		18910	CSE3N400ATM4P-*	21750	
	400	CSE3N400ATM3P-*		19910	CSE3N400ATM4P-*	23880	
Frame 3	320	50kA		CSE3S400ATM3P-*	19760	CSE3S400ATM4P-*	22850
	350			CSE3S400ATM3P-*	19760	CSE3S400ATM4P-*	22850
	400		CSE3S400ATM3P-*	20560	CSE3S400ATM4P-*	24000	

ATM (Thermal Magnetic) Release • Adjustable Overload 80-100% • Adjustable Short Circuit 5-10 In • Ics=75%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 2	160	25kA	CSE2MX250ATM3P-*	6730	CSE2MX250ATM4P-*	8680
	200		CSE2MX250ATM3P-*	7150	CSE2MX250ATM4P-*	8862
	250		CSE2MX250ATM3P-*	7950	CSE2MX250ATM4P-*	9630
Frame 2	160	35kA	CSE2NX250ATM3P-*	8305	CSE2NX250ATM4P-*	10320
	200		CSE2NX250ATM3P-*	10330	CSE2NX250ATM4P-*	12150
	250		CSE2NX250ATM3P-*	12060	CSE2NX250ATM4P-*	15000
Frame 2	160	50kA	CSE2S250ATM3P-*	10375	CSE2S250ATM4P-*	12705
	200		CSE2S250ATM3P-*	12800	CSE2S250ATM4P-*	16170
	250		CSE2S250ATM3P-*	16915	CSE2S250ATM4P-*	20800

FMU / ATM (Thermal Magnetic) Release • Adjustable Overload 80-100% • Adjustable Short Circuit 5-10 In • 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 1	16, 20, 25, 32, 40, 50	50kA	CSE1S125FMU3P-*	7145	CSE1S125FMU4P-*	8715
	63, 80, 100		CSE1S125ATM3P-*	7175	CSE1S125ATM4P-*	8830
	125		CSE1S125ATM3P-*	8945	CSE1S125ATM4P-*	10815

Notes :

1. While Ordering, Replace "*" by Current Rating.
2. For spreader terminals reference code & List Price, please refer page no. 42
3. MCCB with 36kA Breaking capacity is also available.

WiNbreak1 MCCB

Microprocessor Release 'MicroPro WB'

- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 40A-250A, 3P & 4P
- Breaking capacity: 35kA & 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
- Communication using RS485 through MODBUS protocol
- 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	35kA	CSE1N125ETM3P-40A	12830	CSE1N125ETM4P-40A	15360
	25-63		CSE1N125ETM3P-63A	12830	CSE1N125ETM4P-63A	15360
	40-100		CSE1N125ETM3P-100A	13590	CSE1N125ETM4P-100A	16285
	50-125		CSE1N125ETM3P-125A	14435	CSE1N125ETM4P-125A	17750
Frame 2	63-160	50kA	CSE2N250ETM3P-160A	16560	CSE2N250ETM4P-160A	19280
	80-200		CSE2N250ETM3P-200A	20440	CSE2N250ETM4P-200A	24180
	100-250		CSE2N250ETM3P-250A	20840	CSE2N250ETM4P-250A	25830
ETM (with in-built Earth fault Protection) • Adjustable Overload 40-100% • Adjustable shortcircuit 2-12 Ir • Ics=75%Icu [HSN Code: 8536]						
Frame 2	63-160	50kA	CSE2S250ETM3P-160A	18040	CSE2S250ETM4P-160A	21490
	80-200		CSE2S250ETM3P-200A	22648	CSE2S250ETM4P-200A	26880
	100-250		CSE2S250ETM3P-250A	23205	CSE2S250ETM4P-250A	27770
ETM (with in-built Earth fault Protection) • Adjustable Overload 40-100% • Adjustable shortcircuit 2-12 Ir • Ics=50%Icu [HSN Code: 8536]						
Frame 1	16-40	50kA	CSE1S125ETM3P-40A	13425	CSE1S125ETM4P-40A	16370
	25-63		CSE1S125ETM3P-63A	13425	CSE1S125ETM4P-63A	16370
	40-100		CSE1S125ETM3P-100A	14060	CSE1S125ETM4P-100A	17130
	50-125		CSE1S125ETM3P-125A	14770	CSE1S125ETM4P-125A	17565

Note:

1. While ordering, Replace "*" with Current rating
2. For spreader terminals reference code & List Price, please refer page no. 42
3. For 3 Pole ETM (Microprocessor) MCCB one Neutral CT will be required, if ground fault protection is required. For reference & price please refer page 43.

Single Pole MCCB

- Conforms to IS/IEC 60947-2
- Ics=100%Icu
- Range: 16A-160A
- Breaking capacity: 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	Rating (A)	Breaking Capacity Icu at 240V AC	Reference	List Price (₹)
Frame 1	16, 20, 25, 32, 40, 50, 63#	18kA	CSE1K160FTM1P-*	990
	80, 100		CSE1K160FTM1P-*	1035
	125		CSE1K160FTM1P-*	1190
	160		CSE1K160FTM1P-*	1350

Note:

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

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 (₹)
CSE1, CSE2	STW1-(...V)	1566	UVTW1-(...V)	2705	AXW1-*	795	ALW1-*	795	XLW1-*	1940
CSE3	STW1-3(...V)	2315	UVTW1-3(...V)	3254	AXW1-3*	1040	ALW1-3*	1040	XLW1-3*	2315

Note:

- Please replace "*" with L as MCCB Left hand side position & R as MCCB right hand position
- For Frame1, Frame2 & Frame3 Shunt Trip is available in 24V DC, 48V DC, 110V DC, 220V AC/DC & 415V AC. (Replace STW1-(...V) by required voltage.
- For Frame1, Frame2 UVT is available in 24V DC, 48V DC, 110V DC, 220V AC/DC & 415V AC. (Replace UVTW1-(...V) by required voltage.
- For Frame 3 UTV available in 110V AC, 220V AC/DC & 415V AC. (Replace UVTW1-(...V) by required voltage.
- 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.
 - UVT can be fitted only in left hand seat



Extended Rotary Handle			[HSN Code: 8538]
Suitable for use on WB1 MCCBs	Reference	List Price (₹)	
CSE1	EHW1-125	1673	
CSE2	EHW1-250	1969	
CSE3	EHW1-400	2355	

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	1836	
CSE2	EXTKLWB1-250AF-T1	1836	
CSE3	EXTKLWB1-400AF-T1	2157	



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	1928	MIW1-125-4P	2407	
CSE2	MIW1-250-3P	2132	MIW1-250-4P	2509	
CSE3	MIW1-400-3P	2224	MIW1-400-4P	2611	



Locking Devices*					[HSN Code: 8538]
Suitable for use on MCCBs	Key Lock*		Padlocking#		
	Reference	List Price (₹)	Reference	List Price (₹)	
CSE1	KLW1-125	1091	PLW1-125	1132	
CSE2	KLW1-250	1183	PLW1-250	1255	
CSE3	KLW1-400	1357	PLW1-400	1443	

Removable Type * Factory fitted only



Spreader Terminals for WB1 MCCB						[HSN Code: 8538]
Suitable for use on MCCBs	Current Rating (A)	Reference	List Price (₹)	Std Pkg (No.s)		
CSE1	3 Pole	15, 20, 32, 40, 50, 63	CSET1033	114	Set of 3	
CSE1	3 Pole	80, 100, 125	CSET1033C	122	Set of 3	
CSE1	4 Pole	15, 20, 32, 40, 50, 63	CSET1044	190	Set of 4	
CSE1	4 Pole	80, 100, 125	CSET1044C	209	Set of 4	
CSE2	3 Pole	160, 200, 250	CSET2533	304	Set of 3	
CSE2	4 Pole	160, 200, 250	CSET2544	454	Set of 4	
CSE3	3 Pole	320, 350, 400	CSETETW14033	1000	Set of 3	
CSE3	4 Pole	320, 350, 400	CSETETW14044	1316	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	4304
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	4692
200A	20-200A	EFR-CBCT250-AF-200	5126
250A	25-250A	EFR-CBCT250-AF-250	
400A	40-400A	EFR-CBCT400-AF-400	
630A	63-630A	EFR-CBCT630-AF-630	5926
800A	80-800A	EFR-CBCT800-AF-800	9792
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)	4090
100A	10-100A	EFR125-AF-100(N)	
125A	12.5-125A	EFR125-AF-125(N)	4468
200A	20-200A	EFR250-AF-200	3973
250A	25-250A	EFR250-AF-250	
400A	40-400A	EFR400-AF-400	
630A	63-630A	EFR630-AF-630	5646
800A	80-800A	EFR800-AF-800	9323
1000A	100-1000A	EFR1250-AF-1000	
1250A	125-1250A	EFR1250-AF-1250	

NCT WiNbreak1 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	1334
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	1907
200	200/0.1A	ETMNCT200A	
250	250/0.1A	ETMNCT250A	
320	320/0.1A	ETMNCT320A	2611
350	350/0.1A	ETMNCT350A	
400	400/0.1A	ETMNCT400A	



SS Enclosure for WB1 MCCB (3 Pole only)			[HSN Code: 8538]
Size	Suitable for WB1 MCCBs	Reference	List Price ()
Frame1	CSE1	CSE-ENCL-125	1550
Frame2	CSE2	CSE-ENCL-250	1663

Notes:

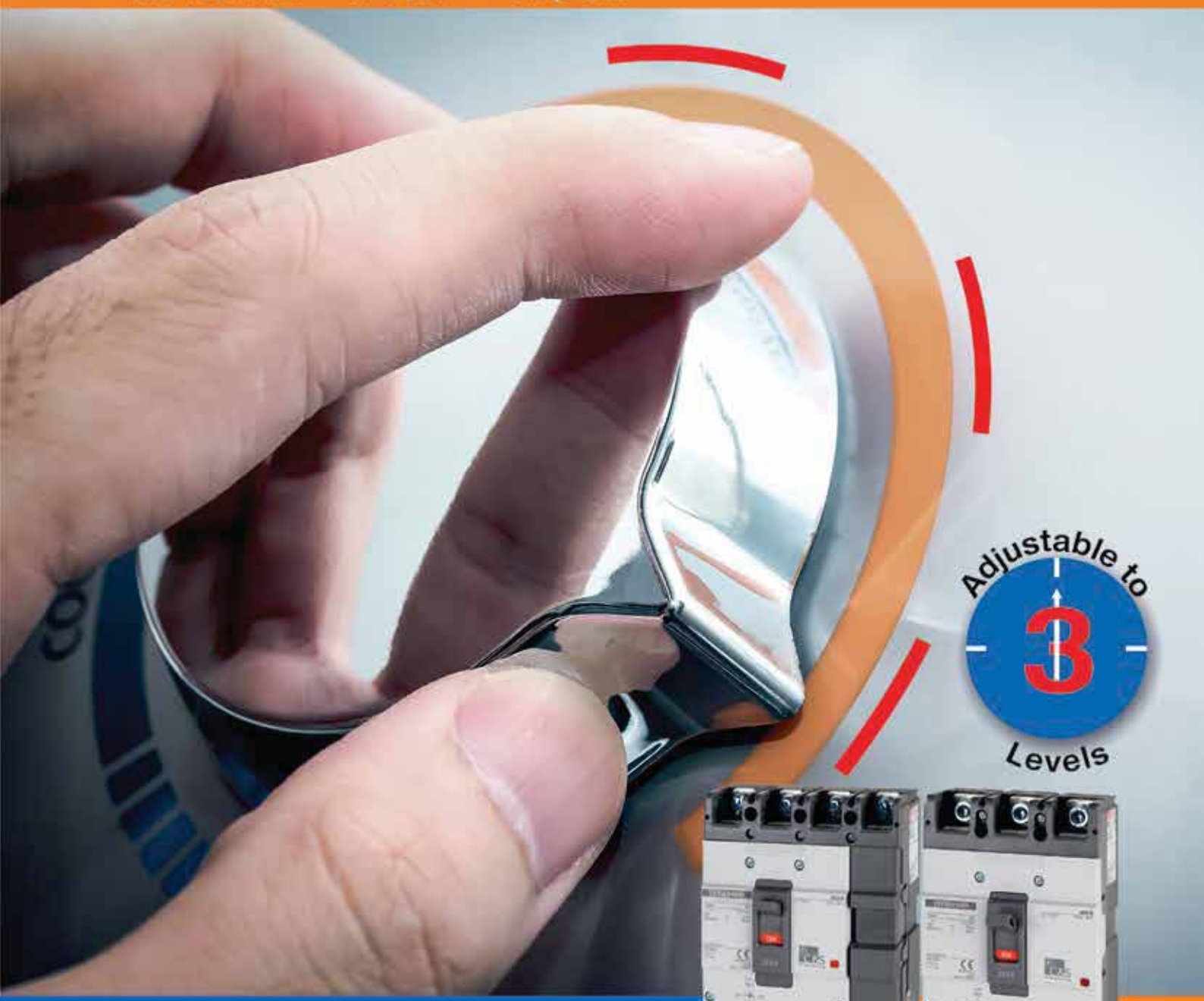
- Reference Code is for Enclosure only (without MCCB)
- For Placing an order for MCCB along with Enclosure, please apply prefix E-before MCCB Reference Code. For Price, please contact nearest branch office

introducing

WiNbreak - CSC Series

Adjustable Overload: 0.7~1.0 In

■ $I_{cs}=100\% I_{cu}$ ■ $U_i=750V$ ■ $U_{imp}=8kV$



Salient Features

- Conforms to IS/IEC 60947-2
- Breaking Capacity: 37kA @ 415V AC
- Range: 20A-250A, 3P & 4P
- Adjustable Overload: 0.7~1.0 In
- Frame Size: 125AF & 250AF
- Positive Isolation
- Trip Free Mechanism
- Composed to User-Friendly Method
- Wide Range of installable accessories
- Internal & External Accessories can be commonly used in all WiNbreak-CSC MCCB

For further detail please contact nearest Branch Office

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	15, 20, 30, 32, 40, 50, 60, 63#	10kA	CS2A2*	1870	CS2A3*	2120	CS2A4*	2920	
	75, 100		CS2A2*	1925	CS2A3*	2200	CS2A4*	3025	
	125		-	-	CS2A3*	3410	CS2A4*	4505	
Frame 3	150, 175	18kA	CS3A2*	5522	CS3A3*	7190	CS3A4*	9485	
	200		CS3A2*	6740	CS3A3*	7830	CS3A4*	10240	
	250		CS3A2*	7350	CS3A3*	8750	CS3A4*	10900	
Frame 2	15, 20, 30, 40, 50, 60#	25kA	CS2B2*	4090	CS2B3*	4600	CS2B4*	5595	
	75, 100		CS2B2*	4145	CS2B3*	4730	CS2B4*	5725	
Frame 3	150, 175		CS3B2*	7870	CS3B3*	8340	CS3B4*	10845	
	200		CS3B2*	8850	CS3B3*	9640	CS3B4*	12530	
	250		CS3B2*	11825	CS3B3*	13100	CS3B4*	16360	
Frame 4	300⚡		-	-	-	CS4A3*	22190	CS4A4*	26630
	350, 400⚡		-	-	-	CS4A3*	23060	CS4A4*	27665

- Notes :**
1. While Ordering, Replace "##" by current rating
 2. # Spreader Terminals are not included
 3. ⚡ Ics=100% Icu

Accessories												[HSN Code: 8538]
Suitable for use on MCCBs	Shunt Trip (SHT)		Under Voltage Trip (UVT)		Auxiliary Switch (AX)		Alarm Switch (AL)		Direct Rotary Handle		Extended Rotary Handle	
	Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)
CS2A	ST-A(..V)	1244	UVT-A(..V)	1561	ASW-A(*)	775	ALSW-A(*)	775	D-35S	1061	CSE-35S	979
CS2B	ST-B(..V)	1244	UVT-B(..V)	1561	ASW-B(*)	775	ALSW-B(*)	775	D-45S	1193	CSE-45	979
CS3A / CS3B	ST-C(..V)	1244	UVT-C(..V)	1561	ASW-C(*)	775	ALSW-C(*)	775	D-55S	1265	CSE-55	1086
CS4A	ST-6A(..V)	1607	UVT-6A(..V)	1953	ASW-6A	1244	ALSW-6A	1244	N-70S	1714	E-70U	2800

- Notes:**
1. *Please read R as MCCB left hand side position & T as right hand position
 2. For Frame1, Frame 2 & Frame3 shunt trip is available in 12VAC/DC, 24VAC/DC, 48VAC/DC, 110VAC/DC, 220VAC/DC, 415VAC (Replace ST-A(..V), ST-B(..V) and ST-C(..V) by required voltage)
 3. For Frame4 shunt trip is available in 24-48VAC/DC, 100-220VDC, 100-240VAC, 380-550VAC/DC (Replace ST-6A(..V) by required voltage)
 4. Rotary Handle for 2 Pole, Frame1 & Frame2 is not available.
 5. For Frame1, Frame2 & Frame3 UVT is available in 24VAC/DC, 48VAC/DC, 110VAC/DC, 220VAC/DC & 415VAC (Replace ST-A(..V), ST-B(..V) and ST-C(..V) by required voltage)
 6. For Frame4 UVT is available in 48VAC/DC, 100-125VAC, 100-110VDC, 220-240VAC, 200-220VDC, 380-440VAC & 440-480VAC (Replace UVT-6A(..V) by required voltage)
 7. Maximum possibilities for internal accessories

Frame1, Frame2 & Frame3 :

Left hand seat - AX or AL

Right hand seat - AX or AL or SHT or UVT

Frame 4:

Left hand seat - 2AX, 2AL and SHT or UVT

Right hand seat - 2AX, 2AL and SHT or UVT



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	CS-CNM0100020	CS-CNM0100020	1913
Frame 2	CS2B	CS-CNM0100021	CS-CNM0100021	1928
Frame 3	CS3A, CS3B	CS-CNM0100021	CS-CNM0100021	1928
Frame 4	CS4A	ENCL-250-400AF3	ENCL-250-400AF4	2978

- 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.

WiNbreak MCCB - CSC Series

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



FTM (Thermal Magnetic) Release • Fixed Overload • Fixed short circuit								[HSN Code: 8536]	
Size	Rated Current (Amps)	Breaking capacity Icu at 415V AC	2 Pole Reference	List Price (₹)	3 Pole Reference	List Price (₹)	4 Pole Reference	List Price (₹)	
Frame 1	15, 20, 30, 40, 50	18kA	CSC1S2*	3190	CSC1S3*	3540	CSC1S4*	4680	
	60, 75, 100		CSC2N2*	3200	CSC2N3*	3550	CSC2N4*	4694	
Frame 3	150, 175	26kA	CSC4N2*	7630	CSC4N3*	8660	CSC4N4*	10750	
	200		CSC4N2*	8685	CSC4N3*	9870	CSC4N4*	12430	
	250		CSC4N2*	11350	CSC4N3*	12210	CSC4N4*	15510	
Frame 2	15, 20, 30, 40, 50, 60	37kA	CSC3S2*	4180	CSC3S3*	4715	CSC3S4*	5750	
	75, 100		CSC3S2*	4200	CSC3S3*	4755	CSC3S4*	5795	
	125		CSC3S2*	4355	CSC3S3*	4790	CSC3S4*	5860	
Frame 3	150, 175		-	-	CSC4S3*	9570	CSC4S4*	12430	
	200		-	-	CSC4S3*	11430	CSC4S4*	13720	
Frame 4	250		-	-	CSC4S3*	14450	CSC4S4*	18160	
	300 ♦		-	-	CSC5N3*	22815	CSC5N4*	26700	
Frame 5	350, 400 ♦		-	-	CSC5N3*	23900	CSC5N4*	27975	
	500, 630		-	-	CSC6N3*	25205	CSC6N4*	28720	
Frame 5	700, 800		-	-	CSC6N3*	34800	CSC6N4*	43640	
	Frame 2	15, 20, 30, 40, 50, 60	-	-	CSC3H3*	7730	CSC3H4*	9930	
75, 100		-	-	CSC3H3*	7790	CSC3H4*	10205		
125		-	-	CSC3H3*	9955	CSC3H4*	13030		
Frame 3	150, 175	50kA	-	-	CSC4H3*	12610	CSC4H4*	16150	
	200		-	-	CSC4H3*	14200	CSC4H4*	19070	
	250		-	-	CSC4H3*	20880	CSC4H4*	26070	
Frame 4	300 ♦		-	-	CSC5S3*	23930	CSC5S4*	27040	
	350, 400 ♦		-	-	CSC5S3*	26330	CSC5S4*	30285	
Frame 4	300 ♦		65kA	-	-	☒ CSC5H3*	26260	☒ CSC5H4*	32035
	350, 400 ♦			-	-	☒ CSC5H3*	27100	☒ CSC5H4*	33065
Frame 5	500, 630			-	-	CSC6S3*	26550	CSC6S4*	32655
	700, 800			-	-	CSC6S3*	39970	CSC6S4*	50115
Frame 4	300 ♦		85kA	-	-	☒ CSC5L3*	33960	☒ CSC5L4*	47615
	350, 400 ♦	-		-	☒ CSC5L3*	34840	☒ CSC5L4*	48605	
Frame 5	500, 630	85kA	-	-	☒ CSC6L3*	49840	☒ CSC6L4*	62370	
	700, 800		-	-	☒ CSC6L3*	85110	☒ CSC6L4*	95740	

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*	101230	CSC7S4*	125520
	1200 ♦		-	-	CSC8S3*	106600	CSC8S4*	127155
Frame 6	1000 ♦	85kA	-	-	☒ CSC7L3*	129350	☒ CSC7L4*	154970
	1200 ♦		-	-	☒ CSC8L3*	149080	☒ CSC8L4*	179425

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 48.

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)	1204	UVTC(...V)	1408	AXWC-(*)	806	ALWC-(*)	806	XLC-(*)	1795	
CSC5, CSC6	ST-6A(...V)	1601	UVT-6A(...V)	1958	ASW-6A	1244	ALSW-6A	1244	-	-	
CSC7, CSC8	ST-7A(...V)	7864	UVT-7A(...V)	7864	ASW-7A	2785	ALSW-7A	2785	-	-	



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	1204	DHCK100	3468	CSE-35S■	979	
					EHC100	2040	
CSC3	DHC125	1244	DHCK125	3575	CSE-45S■	979	
					EHC125	2162	
CSC4	DHC250	1469	DHCK250	3784	EHC250	2387	
CSC5	N70S	1714	-	-	E70U	2774	
CSC6	-	-	-	-	E80U	3091	

- 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
 - For Frame 1, Frame 2, Frame 3 & Frame 4 - Shunt Trip is available in 12V AC/DC, 24V AC/DC, 48V AC/DC, 60V AC/DC, 100-130V AC/DC, 200-250V AC/DC, 380-450VAC, 440-550VAC. (Replace STC(...V) by required voltage)
 - For Frame 5 - Shunt Trip is available in 100-240V AC, 100-220V DC, 24-48V AC/DC, 380-550VAC. (Replace ST-6A(...V) by required voltage)
 - For Frame 6 - Shunt Trip is available in 200-220VAC (Replace ST-7A(...V) by required voltage)
 - For Frame 1, Frame 2, Frame 3 & Frame 4-UVT is available in 24V AC/DC, 48V AC/DC, 100-110V AC/DC, 200-220V AC/DC, 380-400VAC, 440-480VAC. (Replace UVTC(...V) by required voltage)
 - For Frame 5 - UVT is available in 100-125V AC, 100-110V DC, 200-240VAC, 220-220VDC, 380-400VAC & 440-480VAC. (Replace UVT-6A(...V) by required voltage)
 - For Frame 6 - UVT is available in 200-220VAC (Replace UVT-7A(...V) by required voltage)
 - Rotary Handle for 2 Pole Frame 1 & Frame 2 is not available.
 - Conventional type

Maximum possibilities for auxiliaries

- 100AF, 125AF and 250AF Breakers**

Left-hand seat Option of connecting AX or AL or XL <div style="border: 1px solid black; padding: 2px; text-align: center;">AX or AL or XL</div>	Right-hand seat Option of connecting AX or AL or XL or SHT or UVT <div style="border: 1px solid black; padding: 2px; text-align: center;">AX or AL or XL or SHT or UVT</div>
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- 400AF, 800AF Breakers**

Left-hand seat Option of connecting 2AX, 2AL and SHT or UVT <div style="border: 1px solid black; padding: 2px; text-align: center;"> <table border="1" style="margin: 0 auto;"> <tr><td>AL</td><td>AL</td><td>SHT or UVT</td></tr> <tr><td>AX</td><td>AX</td><td></td></tr> </table> </div>	AL	AL	SHT or UVT	AX	AX		Right-hand seat Option of connecting 2AX, 2AL and SHT or UVT <div style="border: 1px solid black; padding: 2px; text-align: center;"> <table border="1" style="margin: 0 auto;"> <tr><td>SHT or UVT</td><td>AL</td><td>AL</td></tr> <tr><td></td><td>AX</td><td>AX</td></tr> </table> </div>	SHT or UVT	AL	AL		AX	AX
AL	AL	SHT or UVT											
AX	AX												
SHT or UVT	AL	AL											
	AX	AX											
- 1000AF, 1250AF Breakers**

Left-hand seat Option of connecting SHT or UVT <div style="border: 1px solid black; padding: 2px; text-align: center;">SHT or UVT</div>	Right-hand seat Option of connecting 1AX, 1AL and 1AX or 1AL <div style="border: 1px solid black; padding: 2px; text-align: center;"> <table border="1" style="margin: 0 auto;"> <tr><td>AX</td></tr> <tr><td>AX or AL</td></tr> <tr><td>AL</td></tr> </table> </div>	AX	AX or AL	AL
AX				
AX or AL				
AL				

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	219	TCS13	377	TCS14	413
CSC3	TCS22	296	TCS23	536	TCS24	622
CSC4	TCS33	627	TCS33	627	TCS34	704



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	MI-43S	3478	MI-44S	4335
CSC6	MI-83S	4335	MI-84S	5120



Spreader Terminals [HSN Code: 8538]						
Suitable for use on MCCBs	Pole	Current Rating (A)	Reference	List Price (₹)	Std Pkg. (No's)	
CSC1, CSC2, CSC3	2 Pole	15, 20, 30, 40, 50, 60	CSET1022	87	Set of 3	
CSC1, CSC2, CSC3		75, 100, 125	CSET1022C	105	Set of 3	
CSC1, CSC2, CSC3	3Pole	15, 20, 30, 40, 50, 60	CSET1033	114	Set of 3	
CSC1, CSC2, CSC3		75, 100, 125	CSET1033C	122	Set of 3	
CSC1, CSC2, CSC3	4 Pole	15, 20, 30, 40, 50, 60	CSET1044	190	Set of 4	
CSC1, CSC2, CSC3		75, 100, 125	CSET1044C	209	Set of 4	
CSC4	2 Pole	150, 175, 200, 250	CSET2522	215	Set of 3	
CSC4	3 Pole	150, 175, 200, 250	CSET2533	304	Set of 3	
CSC4	4 Pole	150, 175, 200, 250	CSET2544	454	Set of 4	
CSC6	3 Pole	500, 630, 700, 800	CSET8033	2060	Set of 3	
CSC6	4 Pole	500, 630, 700, 800	CSET8044	2499	Set of 4	



SS Enclosure for WB MCCB [HSN Code: 8538]			
Size	Suitable for use on MCCBs	Reference*	List Price (₹)
Frame 1	CSC1, CSC2	CS-CNM0100020	1816
Frame 2	CSC3	CS-CNM0100021	1826
Frame 3	CSC4	CS-CNM0100021	1826
Frame 4	CSC5	ENCL-250-400AF3	2825
Frame 5	CSC6	CS-CNM0100203	4753
Frame 6	CSC7, CSC8	CS-CNM0100204	5304

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.

Switch Disconnecter Fuse Unit (without Fuse Links)

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



[HSN Code: 8537]

Size	Rating Amps	Pole	CSSDF in Open Execution				CSSDF in Sheet Steel Enclosure				Recommended Fuse Links Type (IEC Size)			
			Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)	Reference	List Price (₹)	DIN	BS		
			DIN		BS		DIN		BS					
Frame1	32A	2P	CSSDF32D2		CSSDF32B2							CDFL00 32	CTIA-32 (A2)	
		TP	CSSDF32D3	1530	CSSDF32B3	1520	E-CSSDF32D3	3100	E-CSSDF32B3	3230				
		TPN	CSSDF32D3N	1600	CSSDF32B3N	1610	E-CSSDF32D3N	3230	E-CSSDF32B3N	3260				
		4P	CSSDF32D4FN	2100	CSSDF32B4FN	2110	E-CSSDF32D4FN	3590	E-CSSDF32B4FN	3640				
Frame1	63A	2P	CSSDF63D2		CSSDF63B2							CDFL00 63	CTIS-63 (A3)	
		TP	CSSDF63D3	2160	CSSDF63B3	2170	E-CSSDF63D3	3760	E-CSSDF63B3	3570				
		TPN	CSSDF63D3N	2280	CSSDF63B3N	2290	E-CSSDF63D3N	4100	E-CSSDF63B3N	4150				
		4P	CSSDF63D4FN	2670	CSSDF63B4FN	2680	E-CSSDF63D4FN	4300	E-CSSDF63B4FN	4310				
Frame2	100A	2P	CSSDF100D2		CSSDF100B2							CDFL00 100/ CSDFL00 100	CTCP-100(A4)	
		TP	CSSDF100D3	4780	CSSDF100B3	4800	E-CSSDF100D3	6400	E-CSSDF100B3	6630				
		TPN	CSSDF100D3N	5040	CSSDF100B3N	5050	E-CSSDF100D3N	7000	E-CSSDF100B3N	7070				
		4P	CSSDF100D4FN	5990	CSSDF100B4FN	6220	E-CSSDF100D4FN	7730	E-CSSDF100B4FN	8070				
Frame2	125A	2P	CSSDF125D2		CSSDF125B2							CDFL00 125/ CSDFL00 125	CTCP-125(A4)	
		TP	CSSDF125D3	5110	CSSDF125B3	5140	E-CSSDF125D3	7820	E-CSSDF125B3	7240				
		TPN	CSSDF125D3N	5380	CSSDF125B3N	5410	E-CSSDF125D3N	8130	E-CSSDF125B3N	8160				
		4P	CSSDF125D4FN	6630	CSSDF125B4FN	6810	E-CSSDF125D4FN	8340	E-CSSDF125B4FN	8650				
Frame2	160A	2P	CSSDF160D2		CSSDF160B2							CDFL00 160	CTF-160(B2)	
		TP	CSSDF160D3	6610	CSSDF160B3	6220	E-CSSDF160D3	8310	E-CSSDF160B3	8400				
		TPN	CSSDF160D3N	6480	CSSDF160B3N	6550	E-CSSDF160D3N	8940	E-CSSDF160B3N	9110				
		4P	CSSDF160D4FN	7770	CSSDF160B4FN	8520	E-CSSDF160D4FN	11120	E-CSSDF160B4FN	12270				
Frame3	200A	2P	CSSDF200D2		CSSDF200B2							CDFL1 200/ CSDFL1 200	CTF-200(B2)	
		TP	CSSDF200D3	7140	CSSDF200B3	7370	E-CSSDF200D3	9570	E-CSSDF200B3	9210				
		TPN	CSSDF200D3N	8170	CSSDF200B3N	8150	E-CSSDF200D3N	10170	E-CSSDF200B3N	11010				
		4P	CSSDF200D4FN	9030	CSSDF200B4FN	9700	E-CSSDF200D4FN	11740	E-CSSDF200B4FN	12600				
Frame3	250A	2P	CSSDF250D2		CSSDF250B2							CDFL1 250/ CSDFL1 250	CTKF(B3)	
		TP	CSSDF250D3	8610	CSSDF250B3	8750	E-CSSDF250D3	11110	E-CSSDF250B3	10830				
		TPN	CSSDF250D3N	9070	CSSDF250B3N	9200	E-CSSDF250D3N	12240	E-CSSDF250B3N	12340				
		4P	CSSDF250D4FN	10350	CSSDF250B4FN	10580	E-CSSDF250D4FN	13450	E-CSSDF250B4FN	13750				
Frame3	315A	2P	CSSDF315D2		CSSDF315B2							CDFL2 315/ CSDFL2 315	CTKF-315(B3)	
		TP	CSSDF315D3	11060	CSSDF315B3	11190	E-CSSDF315D3	13830	E-CSSDF315B3	14780				
		TPN	CSSDF315D3N	11640	CSSDF315B3N	11790	E-CSSDF315D3N	15250	E-CSSDF315B3N	15440				
		4P	CSSDF315D4FN	13850	CSSDF315B4FN	14970	E-CSSDF315D4FN	18300	E-CSSDF315B4FN	19760				
Frame3	400A	2P	CSSDF400D2		CSSDF400B2							CDFL2 400/ CSDFL2 400	CTMF-400(B4)	
		TP	CSSDF400D3	13620	CSSDF400B3	13900	E-CSSDF400D3	16890	E-CSSDF400B3	17370				
		TPN	CSSDF400D3N	14340	CSSDF400B3N	14630	E-CSSDF400D3N	18070	E-CSSDF400B3N	18430				
		4P	CSSDF400D4FN	16070	CSSDF400B4FN	17700	E-CSSDF400D4FN	19290	E-CSSDF400B4FN	21240				
Frame4	630A	2P	CSSDF630D2		CSSDF630B2							CDFL3 630	CTTM-630(C2)	
		TP	CSSDF630D3	22510	CSSDF630B3	23730	E-CSSDF630D3	24280	E-CSSDF630B3	26580				
		TPN	CSSDF630D3N	23710	CSSDF630B3N	24950	E-CSSDF630D3N	26790	E-CSSDF630B3N	28230				
		4P	CSSDF630D4FN	25822	CSSDF630B4FN	27490	E-CSSDF630D4FN	31250	E-CSSDF630B4FN	33250				
Frame4	800A	2P	CSSDF800D2		CSSDF800B2							-	CTLM-800(C3)	
		TP	CSSDF800D3	27450	CSSDF800B3	28180	E-CSSDF800D3	POR	E-CSSDF800B3	POR				
		TPN	CSSDF800D3N	28900	CSSDF800B3N	30320	E-CSSDF800D3N	POR	E-CSSDF800B3N	POR				
		4P	CSSDF800D4FN	30910	CSSDF800B4FN	33950	E-CSSDF800D4FN	POR	E-CSSDF800B4FN	POR				

Notes: * 2 Pole switch prices available on request.

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	2905
CSSDF 200A - 800A	CSSDFZW-5	3255



Castle Key Locks		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
CSSDF 32A - 160A	CSSDFZW-15	3718
CSSDF 200A - 800A	CSSDFZW-4	3914



Auxiliary Contacts		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
1 NO + 1 NC CSSDF 32A - 63A for 3P	CSSDFZX 46	500
2 NO + 2 NC CSSDF 32A - 63A for 3P	CSSDFZX 32	922
1 NO + 1 NC CSSDF 32A - 63A for 2P & 4P	CSSDFZX 46B	500
2 NO + 2 NC CSSDF 32A - 63A for 2P & 4P	CSSDFZX 32B	922
1 NO + 1 NC CSSDF 100A - 160A	CSSDFZX 1	500
2 NO + 2 NC CSSDF 100A - 160A	CSSDFZX 16	922
1 NO + 1 NC CSSDF 200A - 400A	CSSDFZX 33	500
2 NO + 2 NC CSSDF 200A - 400A	CSSDFZX 34	922
1 NO + 1 NC CSSDF 630A - 800A	CSSDFZX 35	500
2 NO + 2 NC CSSDF 630A - 800A	CSSDFZX 36	922



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	1262
CSSDF 630A - 800A	HMK-3-2	1334



Extended Terminals							[HSN Code: 8538]
For Switch Type	TPN	ET-323	338	4P	ET-324	402	List Price (₹)
32A-63A	TPN	ET-323	338	4P	ET-324	402	500
100A-160	TPN	ET-327	803	4P	ET-328	1154	922
200A-400A	TPN	ET-329	2364	4P	ET-330	2874	922



Spare Handle		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
CSSDF 32A-160A (Moulded)	CSWH 80 S6	520
CSSDF 200A-400A (Moulded)	CSWH 145 S12	891
CSSDF 630A-800A (Moulded)	CSWH 220 S12	1138

Spare Handle Shaft		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
CSSDF 32A-160A	CSP6x165	232
CSSDF 200A-800A	CSP12x255	391



Spare Neutral Links		[HSN Code: 8538]
For Switch Type	Reference	List Price (₹)
CSSDF 32A-63A	CSSDF ZX 87	320
CSSDF 100A-160A	CSSDF ZX 86	381
CSSDF 200A-400A	CSSDF ZX 85	659
CSSDF 630A-800A	CSSDF ZX 88	752

Spare Poles (Price per Pole)			[HSN Code: 8538]
Rating (Amps)	Reference		List Price (₹)
	DIN	BS	
32	CSSDF-SP-32D	CSSDF-SP-32B	892
63	CSSDF-SP-63D	CSSDF-SP-63B	1118
100	CSSDF-SP-100D	CSSDF-SP-100B	2153
125	CSSDF-SP-125D	CSSDF-SP-125B	2374
160	CSSDF-SP-160D	CSSDF-SP-160B	2776
200	CSSDF-SP-200D	CSSDF-SP-200B	3219
250	CSSDF-SP-250D	CSSDF-SP-250B	4400
315	CSSDF-SP-315D	CSSDF-SP-315B	4920
400	CSSDF-SP-400D	CSSDF-SP-400B	6319
630	CSSDF-SP-630D	CSSDF-SP-630B	8992
800	--	CSSDF-SP-800B	10959

Switch Disconnectors (Load Break Switches)

- Conforms to IS/IEC 60947-3
- Range: 25A-250A, 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	1244	E-CSSD25D3	2600
		4	CSSD25D4	1578	E-CSSD25D4	2827
	40	3	CSSD40D3	1275	E-CSSD40D3	3062
		4	CSSD40D4	2487	E-CSSD40D4	3270
	63	3	CSSD63K3	1923	E-CSSD63K3	3615
	125	4	CSSD63D4	2705	E-CSSD63D4	4285
NIM-Series	125	3	CSSD125D3	4285	E-CSSD125D3	5988
		4	CSSD125D4	5215	E-CSSD125D4	6656
	160	3	CSSD125NM3	4462	E-CSSD125NM3	6599
		4	CSSD125NM4	5507	E-CSSD125NM4	8140
	200	3	CSSD160NM3	4979	E-CSSD160NM3	7367
		4	CSSD160NM4	5930	E-CSSD160NM4	8778
	250	3	CSSD200NM3	6354	E-CSSD200NM3	8260
		4	CSSD200NM4	8250	E-CSSD200NM4	10722
	250	3	CSSD250NM3	6432	E-CSSD250NM3	9520
		4	CSSD250NM4	8929	E-CSSD250NM4	13214

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.

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	Frame4	125	2	CSSD125DM2	POR		POR
		3	CSSD125DM3	E-CSSD125DM3			
		4	CSSD125DM4	E-CSSD125DM4			
	Frame4	160	2	CSSD160DM2			
			3	CSSD160DM3		E-CSSD160DM3	
			4	CSSD160DM4		E-CSSD160DM4	
	Frame5	200	2	CSSD200DM2			
			3	CSSD200DM3		E-CSSD200DM3	
			4	CSSD200DM4		E-CSSD200DM4	
	Frame5	250	2	CSSD250DM2			
			3	CSSD250DM3		E-CSSD250DM3	
			4	CSSD250DM4		E-CSSD250DM4	
Frame5	315	2	CSSD315DM2	POR		-	
		3	CSSD315DM3	10398	E-CSSD315DM3	12475	
		4	CSSD315DM4	12090	E-CSSD315DM4	14505	
Frame5	400	2	CSSD400DM2	POR		-	
		3	CSSD400DM3	12331	E-CSSD400DM3	14790	
		4	CSSD400DM4	14338	E-CSSD400DM4	17200	
K Series	Frame6	630	2	CSSD630K2	POR		-
			3	CSSD630K3	18204	E-CSSD630K3	21120
			4	CSSD630K4	21160	E-CSSD630K4	24545
	Frame6	800	2	CSSD800K2	POR		-
			3	CSSD800K3	21300	E-CSSD800K3	24700
			4	CSSD800K4	24765	E-CSSD800K4	29720
P Series	Frame7	1000	2	CSSD1000P2	POR		-
			3	CSSD1000P3	26522	E-CSSD1000P3	39250
			4	CSSD1000P4	35352	E-CSSD1000P4	52320
	Frame7	1250	2	CSSD1250P2	POR		-
			3	CSSD1250P3	35990	E-CSSD1250P3	48940
			4	CSSD1250P4	47350	E-CSSD1250P4	64380
	Frame7	1600	2	CSSD1600P2	POR		-
			3	CSSD1600P3	45070	E-CSSD1600P3	61290
			4	CSSD1600P4	60090	E-CSSD1600P4	81720
	Frame8	2000	3	CSSD2000P3	90175	E-CSSD2000P3	116330
			4	CSSD2000P4	102450	E-CSSD2000P4	132190
	Frame8	2500	3	CSSD2500P3	100860	E-CSSD2500P3	129110
4			CSSD2500P4	114625	E-CSSD2500P4	146720	
Frame8	3150	3	CSSD3150P3	127290	E-CSSD3150P3	173135	
		4	CSSD3150P4	144650	E-CSSD3150P4	201060	

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 (₹)			
Key Interlocks (3 Locks - 2 Keys)						
CSSD 125A-160A	CSSDZW - 16		3899			
CSSD 200A-3150A	CSSDZW - 5					
Castle Key Locks				[HSN Code: 8538]		
CSSD 25A-160A	CSSDZW - 15		3286			
CSSD 200A-3150A	CSSDZW - 4					
Auxiliary Contacts				[HSN Code: 8538]		
1NO+1NC CSSD 25A-40A	3	CSSDZX 49	510			
2NO+2NC CSSD 25A-40A	3	CSSDZX 50	963			
1NO+1NC CSSD 25A-40A	4	CSSDZX 87	510			
2NO+2NC CSSD 25A-40A	4	CSSDZX 88	963			
1NO+1NC CSSD 63A	3	CSSDZX 79	510			
2NO+2NC CSSD 63A	3	CSSDZX 80	963			
1NO+1NC CSSD 125A	3	CSSDZX 52	510			
2NO+2NC CSSD 125A	3	CSSDZX 53	963			
1NO+1NC CSSD 63A-125A	4	CSSDZX 55	510			
2NO+2NC CSSD 63A-125A	4	CSSDZX 56	963			
1NO+1NC CSSD 125A-160A (DM)	3/4	CSSDZX 1	963			
2NO+2NC CSSD 125A-160A (DM)	3/4	CSSDZX 16				
1NO+1NC CSSD 200A-400A (DM)	3/4	CSSDZX 37				
2NO+2NC CSSD 200A-400A (DM)	3/4	CSSDZX 38				
1NO+1NC CSSD 630A-800A	3/4	CSSDZX 33				
2NO+2NC CSSD 630A-800A	3/4	CSSDZX 34				
1NO+1NC CSSD 1000A-3150A	3/4	CSSDZX 35				
2NO+2NC CSSD 1000A-3150A	3/4	CSSDZX 36				
Handle Mounting Kit (for independent mounting of O/E Switches)					[HSN Code: 8538]	
CSSD 200A-400A (Compact Series)	HMK-2				1272	
CSSD 630A-800A	HMK-1-1		1283			
CSSD 1000A-1600A	HMK-3-1		1370			
Extended Terminals				[HSN Code: 8538]		
125	TPN	ET-325	456	4P	ET-326	500
125-160 (Compact)	TPN	ET-327	816	4P	ET-328	1164
200-400	TPN	ET-329	2384	4P	ET-330	2905
Rotary Knob Handles				[HSN Code: 8538]		
CSSD 25A-125A (Moulded-Red/Yellow)	CSSDZX108		317			
CSSD 25A-125A (Moulded-Black)	CSSDZX111BL					
Switch Handles				[HSN Code: 8538]		
CSSD 200A-800A (Moulded)	CSWH 145 S12		901			
CSSD 1000A-1600A (Metallic)	CSWH 220 S12 (M)		1143			
CSSD 2500A-3150A (Metallic)	CSDA8		1346			
CSSD 125A-160A (Moulded)	CSWH 80 S6		520			
CSSD 200A-315A (Moulded)	CSWH80 S8					
Switch Handle Shaft				[HSN Code: 8538]		
CSSD 25A-125A	CSP5X70		350			
CSSD 125A-160A (DM)	CAP6X165		232			
CSSD 200A-400A (DM)	CSP8X240					
CSSD 630A-1600A	CSP12X255		402			
CSSD 2500A-3150A	CSP12X325		489			
Switch Poles (Price per Pole)				[HSN Code: 8538]		
125A	CSSD-SP-125DM		1226			
160A	CSSD-SP-160DM		1421			
200A	CSSD-SP-200DM		1638			
250A	CSSD-SP-250DM		2194			
315A	CSSD-SP-315DM		3193			
400A	CSSD-SP400K		6149			
630A	CSSD-SP630K		7050			
800A	CSSD-SP800K		9296			
1000A	CSSD-SP1000P		14101			
1250A	CSSD-SP1250P		16825			
1600A	CSSD-SP1600P		17665			

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*	4340
	Frame 1	100	4	CSCS100NM4CO*	5760
	Frame 2	125	4	CSCS125NM4CO	8630
	Frame 2	160	4	CSCS160NM4CO	9490
	Frame 2	200	4	CSCS200NM4CO	11410
	Frame 2	250	4	CSCS250NM4CO	13950
DM-Series	Frame 2	315	4	CSCS315DM4CO	18290
	Frame 2	400	4	CSCS400DM4CO	26540
K-Series	Frame 3	630	4	CSCS630K4CO	31570
	Frame 3	800	4	CSCS800K4CO	45790
P-Series	Frame 4	1000	4	CSCS1000P4CO	75990
	Frame 4	1250	4	CSCS1250P4CO	103890
	Frame 4	1600	4	CSCS1600P4CO	143420
	Frame 5	2000	4	CSCS2000P4CO	183170
	Frame 5	2500	4	☒ CSCS2500P4CO	245130
	Frame 5	3150	4	☒ CSCS3150P4CO	337840

In Sheet Steel Enclosure					[HSN Code: 8536]
	Size	Rating (Amps)	Pole	Reference	List Price (₹)
NM-Series	Frame 1	63	4	E-CSCS63NM4CO	6070
	Frame 1	100	4	E-CSCS100NM4CO	7830
	Frame 2	125	4	E-CSCS125NM4CO	11650
	Frame 2	160	4	E-CSCS160NM4CO	12800
	Frame 2	200	4	E-CSCS200NM4CO	14810
	Frame 2	250	4	E-CSCS250NM4CO	18410
DM-Series	Frame 2	315	4	E-CSCS315DM4CO	22500
	Frame 2	400	4	E-CSCS400DM4CO	33450
K-Series	Frame 3	630	4	E-CSCS630K4CO	38510
	Frame 3	800	4	E-CSCS800K4CO	55390
P-Series	Frame 4	1000	4	E-CSCS1000P4CO	95740
	Frame 4	1250	4	E-CSCS1250P4CO	123650
	Frame 4	1600	4	E-CSCS1600P4CO	166750
	Frame 5	2000	4	E-CSCS2000P4CO	223460
	Frame 5	2500	4	☒ E-CSCS2500P4CO	294100
	Frame 5	3150	4	☒ E-CSCS3150P4CO	398650

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.

*** 63A-100A, if 1NO+1NC auxiliary contact is required please add price of auxiliary contact from page 48.

- Upto 800A

On Load Changeover Switches					[HSN Code: 8536]
(Available for retrofit orders only)					
	Size	Rating (Amps)	Pole	Reference	List Price (₹)
DM-Series	Frame 1	63	4	CSCS63DM4CO	5030
	Frame 1	80	4	CSCS80DM4CO	6240
	Frame 1	100	4	CSCS100DM4CO	7250
	Frame 1	125	4	CSCS125DM4CO	9330
	Frame 1	160	4	CSCS160DM4CO	10070
	Frame 2	200	4	CSCS200DM4CO	12390
	Frame 2	250	4	CSCS250DM4CO	17710

On Load Changeover Switches					[HSN Code: 8536]
(Available for retrofit orders only)					
	Size	Rating (Amps)	Pole	Reference	List Price (₹)
DM-Series	Frame 1	63	4	E-CSCS63DM4CO	7000
	Frame 1	80	4	E-CSCS80DM4CO	8490
	Frame 1	100	4	E-CSCS100DM4CO	9420
	Frame 1	125	4	E-CSCS125DM4CO	11750
	Frame 1	160	4	E-CSCS160DM4CO	13480
	Frame 2	200	4	E-CSCS200DM4CO	15610
	Frame 2	250	4	E-CSCS250DM4CO	21600

ACCESSORIES		
Auxiliary Contacts for NM Type Changeover		[HSN Code: 8538]
Description	Reference	List Price (`)
1NO +1NC for 63-100A#	CSCONM1 AUX 10	438
1NO +1NC for 125-250A	CSCONM2 AUX 10	
# Factory fitted only.		
Direct handle Mounting Kit for NM Type Changeover		[HSN Code: 8538]
Rating (Amps)	Reference	List Price (`)
63-100A	CSCONM1 HMB	350
125-250A	CSCONM2 HMB	438
Switch Handle Shaft for NM Type Changeover		[HSN Code: 8538]
Rating (Amps)	Reference	List Price (`)
63-100A	CSPNM1 8X80	244
125-250A	CSPNM2 8X110	325
Handle Sub Assembly for NM Type Changeover		[HSN Code: 8538]
Rating (Amps)	Reference	List Price (`)
63-100A	CSCONM1 H 80 S8	485
125-250A	CSCONM2 H 145 S8	698

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	13030	CTF-125(B2)	
	160	CSCF160B4CO	13980	CTF-160(B2)	
Frame 2	200	CSCF200B4CO	23600	CTF-200(B2)	
	250	CSCF250B4CO	23820	CTKF-250(B3)	
	315	CSCF315B4CO	24590	CTKF-315(B3)	
	400	CSCF400B4CO	35300	CTMF-400(B4)	
Frame 3	630	CSCF630B4CO	41520	CTTM-630(C2)	
	800	CSCF800B4CO	51030	CTLM-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	16580	CTF-125(B2)	
	160	E-CSCF160B4CO	18130	CTF-160(B2)	
Frame 2	200	E-CSCF200B4CO	28550	CTF-200(B2)	
	250	E-CSCF250B4CO	29050	CTKF-250(B3)	
	315	E-CSCF315B4CO	30090	CTKF-315(B3)	
	400	E-CSCF400B4CO	43980	CTMF-400(B4)	
Frame 3	630	E-CSCF630B4CO	50170	CTTM-630(C2)	
	800	E-CSCF800B4CO	57660	CTLM-800(C3)	

Bypass Switches

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

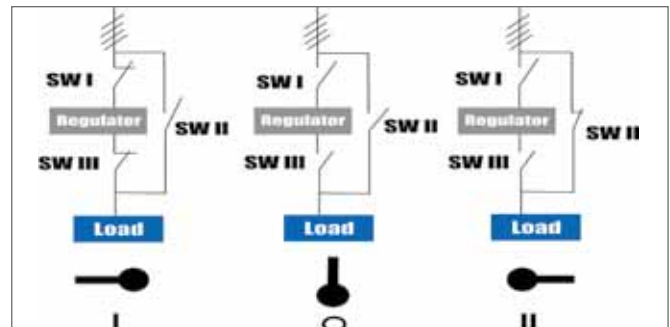
In Open Execution				[HSN Code: 8536]
Size	Rating (Amps)	Pole	Reference	List Price (₹)
Frame 1	63	4	CSBS63DM4	13540
	80	4	CSBS80DM4	14600
	100	4	CSBS100DM4	15340
	125	4	CSBS125DM4	16650
	160	4	CSBS160DM4	19650
Frame 2	200	4	CSBS200DM4	21200
	250	4	CSBS250DM4	30800
	315	4	CSBS315DM4	31980
	400	4	CSBS400K4	47970
Frame 3	630	4	CSBS630K4	54500
	800	4	CSBS800K4	69960
Frame 4	1000	4	☒CSBS1000P4	126400
	1250	4	☒CSBS1250P4	173600
	1600	4	☒CSBS1600P4	232930

In Sheet Steel Enclosure				[HSN Code: 8536]
Size	Rating (Amps)	Pole	Reference	List Price (₹)
Frame 1	63	4	E-CSBS63DM4	17020
	80	4	E-CSBS80DM4	18220
	100	4	E-CSBS100DM4	18700
	125	4	E-CSBS125DM4	21300
	160	4	E-CSBS160DM4	23000
Frame 2	200	4	E-CSBS200DM4	26000
	250	4	E-CSBS250DM4	37380
	315	4	E-CSBS315DM4	39980
	400	4	E-CSBS400K4	55950
Frame 3	630	4	E-CSBS630K4	63970
	800	4	E-CSBS800K4	94770
Frame 4	1000	4	☒E-CSBS1000P4	156100
	1250	4	☒E-CSBS1250P4	210730
	1600	4	☒E-CSBS1600P4	278750

Notes:

'K' series from 1000A to 1600A in open execution 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



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	CSCSZX1-U	479	
1NO+1NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	CSCSZX1-L	479	
2NO+2NC	CSCS/CSBS 63A-160A Upper CSCF 125A-160A	1	CSCSZX3-U	932	
2NO+2NC	CSCS/CSBS 63A-160A Lower CSCF 125A-160A	1	CSCSZX3-L	932	
1NO+1NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSZX2	965	
2NO+2NC	CSCS/CSBS 200A-1600A CSCF 200A-800A	2	CSCSZX4	1864	

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 Handle			[HSN Code: 8538]
Rating (Amps)	Reference	List Price (₹)	
CSCS/CSBS 63-315A/CSCF125-315A	CCOH 145 S8	952	
CSCS/CSBS 400A-1600A/CSCF400-800A	CCOH 220 S12	973	
CSCS 2000A-3150A (Metallic)	CSDA6	1102	

Spare Poles (Price per Pole)				[HSN Code: 8538]
Rating (Amps)	Type	Reference	List Price (₹)	
63	CSCS/CSBS	CSSD-SP-63DM	1071	
80	CSCS/CSBS	CSSD-SP-80DM	1092	
100	CSCS/CSBS	CSSD-SP-100DM	1188	
125	CSCS/CSBS/CSCF	CSSD-SP-125DM	1208	
160	CSCS/CSBS/CSCF	CSSD-SP-160DM	1208	
200	CSCS/CSBS/CSCF	CSSD-SP200DM	1622	
250	CSCS/CSBS/CSCF	CSSD-SP250DM	2168	
315	CSCS/CSBS/CSCF	CSSD-SP315DM	3162	
400	CSCS/CSBS/CSCF	CSCS-SP400K	6087	
630	CSCS/CSBS/CSCF	CSCS-SP630K	6979	
800	CSCS/CSBS/CSCF	CSCS-SP800K	9296	
1000	CSCS/CSBS	CSCS-SP1000P	13977	
1250	CSCS/CSBS	CSCS-SP1250P	17495	
1600	CSCS/CSBS	CSCS-SP1600P	20147	

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

Spare Handle Shaft			[HSN Code: 8538]
Type	Reference	List Price (₹)	
CSCS 63-315A CSBS 63-315A CSCF125-315A	CSP8X200	259	
CSCS 400A-1600A	CSP12X205	297	
CSCS 2000A-3150A CSBS 400A-1600A CSCF 400A-1600A	CSP12X305	477	

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

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

CSSDF in Open Execution, 4 Pole [HSN Code: 8536]				
Size	Rating (Amps)	Reference		List Price (₹)
		DIN	BIS	
Frame 1	32	☒ CSSDF32D4CO	☒ CSSDF32B4CO	7630
	63	☒ CSSDF63D4CO	☒ CSSDF63B4CO	9220
Frame 2	100	☒ CSSDF100D4CO	☒ CSSDF100B4CO	14390
	125	☒ CSSDF125D4CO	☒ CSSDF125B4CO	16860
	160	☒ CSSDF160D4CO	☒ CSSDF160B4CO	21710
Frame 3	200	☒ CSSDF200D4CO	☒ CSSDF200B4CO	28550
	250	☒ CSSDF250D4CO	☒ CSSDF250B4CO	31240
	315	☒ CSSDF315D4CO	☒ CSSDF315B4CO	33050
Frame 4	400	☒ CSSDF400D4CO	☒ CSSDF400B4CO	44230
	630	☒ CSSDF630D4CO	☒ CSSDF630B4CO	62270
Frame 4	800	-	☒ CSSDF800B4CO	72380

Load Break Changeover Conventional Type / Side-by-Side

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

CSSD in Open Execution, 4 Pole [HSN Code: 8536]			
Size	Rating (Amps)	Reference	List Price (₹)
Frame 1	25	☒ CSSD25D4CO	5510
	40	☒ CSSD40D4CO	6300
Frame 2	63	☒ CSSD63D4CO	6630
Frame 3	125	☒ CSSD125DM4CO	12350
	160	☒ CSSD160DM4CO	13650
Frame 4	200	☒ CSSD200DM4CO	15720
	250	☒ CSSD250DM4CO	21500
	400	☒ CSSD400K4CO	34060
Frame 5	630	☒ CSSD630K4CO	40120
	800	☒ CSSD800K4CO	54440
Frame 6	1000	☒ CSSD1000P4CO	99090
	1250	☒ CSSD1250P4CO	118600
	1600	☒ CSSD1600P4CO	160270
Frame 7	1800	☒ CSSD1800P4CO	202230
	3150	☒ CSSD3150P4CO	436200

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	1530
CSCSOF63CO2	63	2	250 V	2970
CSCSOF32CO4	32	4	415 V	2570
CSCSOF63CO4	63	4	415 V	5240
CSCSOF100CO4	100	4	415 V	10380
CSCSOF200CO4	200	4	415 V	15740
CSCSOF315CO4	315	4	415 V	20240
CSCSOF400CO4	400	4	415 V	23270

ACCESSORIES-Changeover Switches (CSSDF) [HSN Code: 8538]		
Spare Handles		
For Switch Type	Reference	List Price (₹)
CSSDF 32A - 160A (Moulded)	☒ CCOH 80 S6	541
CSSDF 200A - 400A (Moulded)	☒ CCOH 220 S12	964
CSSDF 630A - 800A (Metallic)	☒ CSDA6	1102

ACCESSORIES-CSSDF Changeover Switches [HSN Code: 8538]		
Operating Mechanism		
For Switch Type	Reference	List Price (₹)
CSSDF 32A-160A	☒ CSSDFZW1	3008
CSSDF 200A-400A	☒ CSSDZW12/1	8461
CSSDF 630A-800A	☒ CSSDZW12	10424

ACCESSORIES-Changeover Switch (CSSD) [HSN Code: 8538]		
Spare Handles		
For Switch Type	Reference	List Price (₹)
CSSD 25A-125A (Moulded)	☒ CCOH 00 S6	541
CSSD 200A-800A (Moulded)	☒ CCOH 220 S12	963
CSSD 1000A-3150A (Metallic)	☒ CSDA6	1102

Operating Mechanism [HSN Code: 8538]		
For Switch Type	Reference	List Price (₹)
CSSD 25A - 40A	☒ CSSDZW6	2843
CSSD 63A - 125A (DM type)	☒ CSSDZW6/1	2977
CSSD 200A - 400A (DM type)	☒ CSSDZW11A	2977
CSSD 400A - 800A (K type)	☒ CSSDZW11	6170
CSSD 1000A - 3150A (P type)	☒ CSSDZW12	10424

Switch Fuse Unit: Rewirable with Side Handle [HSN Code: 8536]				
Reference	Rating (Amps)	Pole	Rated Voltage	List Price (₹)
CSRW16P1NS	16	SPN	240 V	525
CSRW32P1NS	32	SPN	240 V	1305
CSRW16P2S	16	DP	240 V	548
CSRW32P2S	32	DP	240 V	1404
CSRW32P3NS	32	TPN	415V	2100
CSRW63P3NS	63	TPN	415V	4373
CSRW100P3NS	100	TPN	415V	8284
CSRW200P3NS	200	TPN	415V	13125



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 (₹)	Std. Pkg. (Nos.)
00	6, 10, 16, 20, 25, 32, 35	CDFL00*	224	3
	40, 50, 63	CSDFL00*	240	
	80	CSDFL00*	251	
	100, 125, 160	CSDFL00*	275	
1	32, 35, 50, 63	CDFL01*	412	
	80, 100, 125	CDFL01*	412	
	160	CDFL01*	421	
	200	CSDFL1*	421	
	250	CSDFL1*	480	
2	100, 125	CDFL02*	608	
	160, 200	CDFL02*	618	
	250	CDFL02*	618	
	315	CSDFL2*	667	
	400	CSDFL2*	686	
3	315, 400	CDFL03*	889	
	500	CDFL3*	1108	
	630	CDFL3*	1108	

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 (₹)	Std. Pkg. (Nos.)
00	160	CSDFB00	241	3
1	250	✶ CSDFB1	478	
2	400	✶ CSDFB2	638	
3	630	✶ CDFB3	1070	

*Available till stock last.



Solid Link				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	Std. Pkg. (Nos.)
00	160	CDSL00	311	3
1	250	CDSL1	415	
2	400	CDSL2	633	
3	630	CDSL3	754	

OFAA DIN Type Fuse Links is also available.

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 (₹)	Std. Pkg. (Nos.)
00	40, 50, 63	CDFL00*	245	3
	80, 100	CDFL00*	256	
	125, 160	CDFL00*	288	
1	32, 35, 50, 63	CDFL1*	459	
	80, 100	CDFL1*	459	
	125, 160	CDFL1*	478	
	200	CDFL1*	478	
	250	CDFL1*	536	
2	100, 125	CDFL2*	701	
	160, 200	CDFL2*	701	
	250	CDFL2*	701	
	315	CDFL2*	749	
	400	CDFL2*	769	



Bolted Type HRC Fuse Link

Off Set TAG Type				[HSN Code: 8536]
IS/IEC Size	Rating (Amps)	Reference	List Price (₹)	Std. Pkg. (Nos.)
A1	2, 4, 6, 8, 10, 12 & 16	CNIT*	54	20
A1	20, 25, & 32	CNIT*	54	
A2	4, 6, 10, 16, 20, 25 & 32●	CTIA*	79	10
A3	32, 40, 50 & 63●	CTIS*	91	
A4	50, 63, 80, 100, 125	CTCP*	189	6
-	125, 160, 200	CTFP*	273	3

● "ISI" marked



CNS (Off Set) clip in Type				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	Std. Pkg. (Nos.)
F1	2, 4, 6, 8, 10, 12, 16	CNS*	48	20
F1	20, 25, 32	CNS*	54	20



Central TAG (2 hole fixing) Type				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	Std. Pkg. (Nos.)
B1	80, 100	CTC*	201	6
B1	125	CTC*	201	
B2	125, 160, 200	CTF*	295	3
B3	250, 300, 315	CTKF*	431	1
B4	355, 400	CTMF*	850	

HRC Fuse Link, Fuse Base & Fuse Holder



Central TAG (4 hole fixing) Type				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	Std. Pkg. (Nos.)
C1	355, 400	CTM*	850	1
C2	450, 500	CTTM*	1099	
C2	630	CTTM*	1659	
C3	670, 710, 750, 800	CTLM*	1914	



Cylindrical HRC Fuse Link				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	Std. Pkg. (Nos.)
(14*51)	2, 4, 6, 8 & 10	CHF*	108	1
(14*51)	16, 20 & 25	CHF*	108	
(14*51)	32 & 40	CHF*	121	
(14*51)	50	CHF*	193	
(14*51)	63	CHF*	203	
(10*38)	2, 4, 6, 8, 10 & 16	CGF*	41	
(10*38)	20 & 25	CGF*	41	
(10*38)	32	CGF*	41	



HRC Fuse Holder for Bolted Type Fuse Link						[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	Reference	List Price (₹)	Std. Pkg. (Nos.)
F1	20	CNS20HN	116	CNS20H●	124	1
F1	32	CNS32H	127	-	-	
A2	32	CSM32HN	201	CSM32H●	213	
A3	63	CSM63HN	269	CSM63H●	279	
A4	100	-	-	CSM100H	802	
A4	100	-	-	CSM100B	905	

● "ISI" marked



Fuse Holder for Cylindrical HRC Fuse Link				[HSN Code: 8536]
IS/IEC Size	In A	Reference	List Price (₹)	Std. Pkg. (Nos.)
14 x 51	32	CHO32R	129	10
14 x 51	63	CHC63R	167	



Fuse Puller (for DIN type Fuse Link 6-630Amp)			[HSN Code: 8536]
Reference	List Price (₹)	Std. Pkg. (Nos.)	
CDFH 003	253	10	



Porcelain Rewirable Fuse Holder (Kit-Kat)				[HSN Code: 8536]
Reference	Rating (Amps)	Fuse Wire Size (Max.)	List Price (₹)	Std. Pkg.
CSKTRW32	32	22SWG	214	3
CSKTRW63	63	18SWG	341	
CSKTRW100	100	14SWG	683	
CSKTRW200	200	2 X 14SWG	1415	



Maximum Retail Price

Power Control Components

Final Power Distribution Components

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 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 our 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 3010 2012

E-mail: customercare@cselectric.co.in

POR - Price on request

Products have been classified as Stockable & Non Stockable items.

Non Stockable items has been marked as

Colour of HSN Code denoted as below:

[HSN Code 8536] GST@28%*

[HSN Code 8537] GST@28%*

[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
Motor Starters - Industrial ■ Motor Starters - Agri

Motor Protection Circuit Breaker

Conforming IS/IEC 60947-2



TCMS-Model - Thermal Magnetic

[HSN Code: 8536]

■ Adjustable thermal release ■ Magnetic release 13 X Ie Max. ■ Trip class 10 ■ Ambient temperature compensation ■ 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 ([₹])	Std. Pkg. (No's)
	kW		Standard Model/ Toggle Switch			High Breaking Capacity / Rotary Handle			
32AF	0.02	0.1-0.16	100	TCMS-32S-0.16	2280	100	TCMS-32H-0.16	2910	1
	0.06	0.16-0.25	100	TCMS-32S-0.25	2280	100	TCMS-32H-0.25	2985	
	0.09	0.25-0.4	100	TCMS-32S-0.4	2280	100	TCMS-32H-0.4		
	0.12	0.4-0.63	100	TCMS-32S-0.63	2415	100	TCMS-32H-0.63	3210	
	0.25	0.63-1	100	TCMS-32S-1	2415	100	TCMS-32H-1		
	0.55	1-1.6	100	TCMS-32S-1.6	2415	100	TCMS-32H-1.6	3235	
	0.75	1.6-2.5	100	TCMS-32S-2.5	2415	100	TCMS-32H-2.5		
	1.5	2.5-4	100	TCMS-32S-4	2540	100	TCMS-32H-4	3340	
	2.2	4-6	100	TCMS-32S-6	2555	100	TCMS-32H-6		
	3	5-8	100	TCMS-32S-8	2570	100	TCMS-32H-8	3380	
	4	6-10	50	TCMS-32S-10	2635	100	TCMS-32H-10		
	5.5	9-13	50	TCMS-32S-13	3000	100	TCMS-32H-13	3980	
	7.5	11-17	20	TCMS-32S-17	3470	50	TCMS-32H-17	4365	
	7.5	14-22	15	TCMS-32S-22	3470	50	TCMS-32H-22	4830	
11	18-26	15	TCMS-32S-26	3675	50	TCMS-32H-26	4900		
15	22-32	15	TCMS-32S-32	6785	50	TCMS-32H-32	8150		
63AF	18.5	28-40	-	-	-	50	TCMS-63H-40	10100	
	22	34-50	-	-	-	50	TCMS-63H-50	11700	
	30	45-63	-	-	-	50	TCMS-63H-63	12500	
100AF	37	55-75	-	-	-	75	☒ TCMS-100H-75	12600	
	45	70-90	-	-	-	75	☒ TCMS-100H-90	12580	
	45	80-100	-	-	-	75	☒ TCMS-100H-100	12700	

TCMS-Model - Magnetic (Short Circuit Protection only)

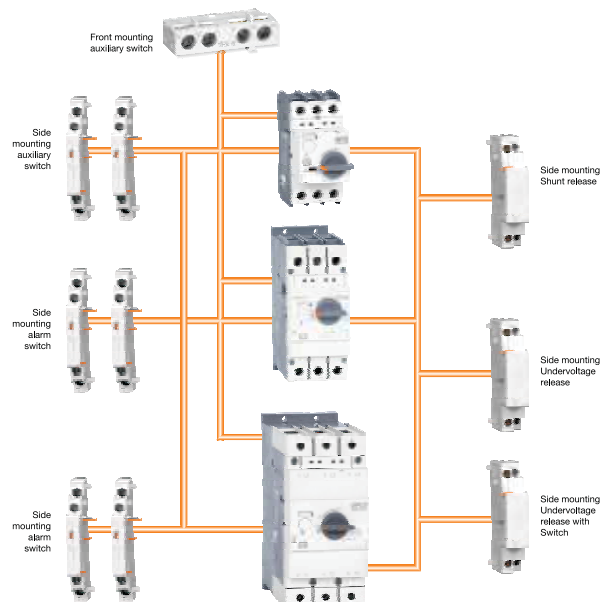
[HSN Code: 8536]

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

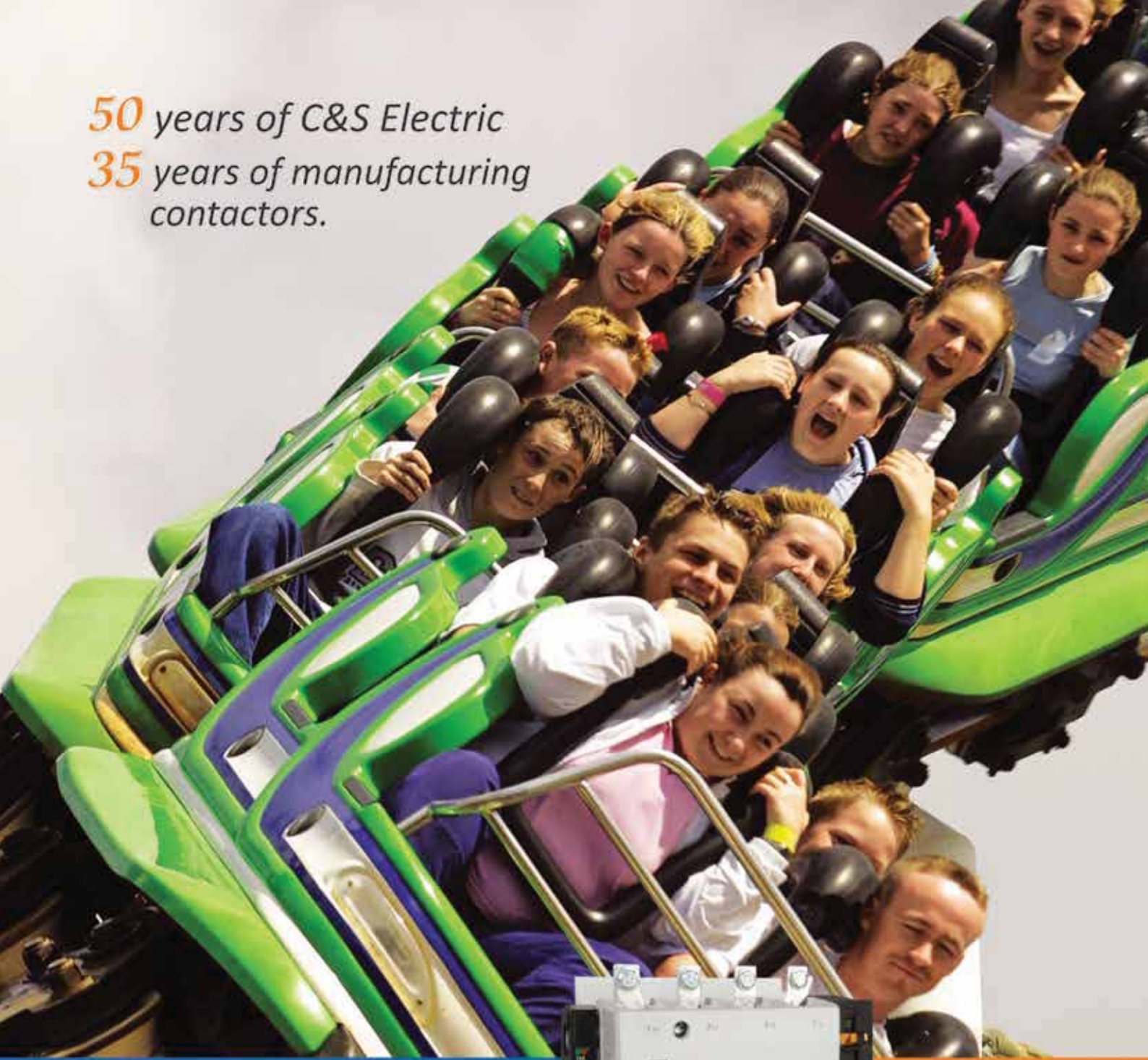
Frame	Breaking Capacity (kA) at 415V, 50Hz	Power Rating 3-Ph Motors AC3 duty 415V, 50Hz	Rated Operational Current Ie (A)	Reference	MRP ([₹])	Std. Pkg. (Nos.)
		kW				
32AF	100	0.02	0.16	TCMS-32HI-0.16	2500	1
	100	0.06	0.25	TCMS-32HI-0.25		
	100	0.09	0.4	TCMS-32HI-0.4		
	100	0.12	0.63	TCMS-32HI-0.63	3050	
	100	0.25	1	TCMS-32HI-1		
	100	0.55	1.6	TCMS-32HI-1.6		
	100	0.75	2.5	TCMS-32HI-2.5	3100	
	100	1.5	4	TCMS-32HI-4		
	100	2.2	6	TCMS-32HI-6		
	100	3	8	TCMS-32HI-8	3220	
	100	4	10	TCMS-32HI-10		
	100	5.5	13	TCMS-32HI-13		
	50	7.5	17	TCMS-32HI-17	3430	
	50	7.5	22	TCMS-32HI-22		
50	11	26	TCMS-32HI-26			
50	15	32	TCMS-32HI-32	6300		
63AF	50	18.5	40	TCMS-63HI-40	8130	
	50	22	50	TCMS-63HI-50	9410	
	50	30	63	TCMS-63HI-63	9490	
100AF	75	37	75	☒ TCMS-100HI-75	10100	
	75	45	90	☒ TCMS-100HI-90	10400	
	75	45	100	☒ TCMS-100HI-100		

☒ Non Stockable item

Accessories				[HSN Code: 8538]
Description	Configuration	Model	MRP (₹)	Std. Pkg. (No's)
Auxiliary switch for front mounting	1NO+1NC	TFX11	490	1
	2NC	TFX02		
	2NO	TFX20		
Auxiliary switch for front side mounting on the left	1NO+1NC	TLX11	590	
	2NC	TLX02		
	2NO	TLX20		
Any trip alarm switch for side mounting on the left (TCMS-32)	1NO+1NC	TLA11	758	
	2NC	TLA02		
	2NO	TLA20		
Any trip alarm switch for side mounting on the left (TCMS-63/100)	1NO+1NC	TLA030	785	
Magnetic trip alarm switch for side mounting on the left		TLAM11		
Shunt release for side mounting on the right	110-127V50Hz	TRS110-127V50Hz	1258	
	220-230V50Hz	TRS220-230V50Hz		
	415-440V50Hz	TRS415-440V50Hz		
Undervoltage release for side mounting on the right	110-127V50Hz	TRU110-127V50Hz	1295	
	220-230V50Hz	TRU220-230V50Hz		
	415-440V50Hz	TRU415-440V50Hz		
Undervoltage release with switch for side mounting on the right	110-127V50Hz	TRUX110-127V50Hz	1295	
	220-230V50Hz	TRUX220-230V50Hz		
	415-440V50Hz	TRUX415-440V50Hz		
Insulation Barrier (for TCMS-100H/100HI only)		TIB100		
Adaptor kit for MPCB + Mini Contactors	TCMS-32S+TC1M06-16	TDA-16SA	380	
	TCMS-32S+TP1M06-16	TDA-16SD		
	TCMS-32H/32HI+TC1M06-16	TDA-16HA		
	TCMS-32H/32HI+TP1M06-16	TDA-16HD		
Busbar	2 Point	PB322	638	
		PB632		
	3 Point*	PB323	750	
		PB633		
MPCB Enclosure (IP 65 Category)	For TCMS-32H/HI	EPH32-65S	1070	
Extended Handle (Door Mounting with Door Interlock, Defeat Interlock & Padlock)	Extension Shaft 115mm			
	TCMS-32H/HI	MEH32-115	918	
	TCMS-63H/HI	MEH63-115		
	TCMS-100H/HI	MEH100-115		
	Extension Shaft 315mm			
	TCMS-32H/HI	MEH32-315	1095	
	TCMS-63H/HI	MEH63-315		
TCMS-100H/HI	MEH100-315			



50 years of C&S Electric
35 years of manufacturing
contactors.



robustTa2
Contactor 7A~38A

robustTa
Contactor 9A~800A



TC Contactors. Enjoy life, non-stop.

    **RoHS**
Compliant

robusta 2 Contactor

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



GLOBAL CERTIFICATION



Contactor								[HSN Code: 8536]
AC1 Duty (A)	AC3 415V Long life			Auxiliary Contacts	Reference	MRP (₹)	Std. Pkg. (Nos.)	
	kW	HP	A					
25	2.2	3	7	1 NO+1NC	TC1D0711■	960	1	
25	4	5.5	9	1 NO+1NC	TC1D0911■	1040		
25	5.5	7.5	12	1 NO+1NC	TC1D1211■	1160		
32	9	12	18	1 NO+1NC	TC1D1811■	1350		
40	11	15	25	1 NO+1NC	TC1D2511■	1700		
50	15	20	32	1 NO+1NC	TC1D3211■	3630		
50	18.5	25	38	1 NO+1NC	TC1D3811■	5025		

Overload Relay fixing attachment				[HSN Code: 8538]
Use for Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)	
TC1D0711-1811	TA7D0765	30	1	
TC1D2511-3811	TA7D2565	30		

Coil Surge Suppressor					[HSN Code: 8538]
Description	Voltage Ratings	Reference	MRP (₹)	Std. Pkg. (Nos.)	
Varistor (AC/DC) Clip on mounting	12-55V 50/60Hz	TAD4VE	455	10	
	56-136V 50/60Hz	TAD4VF			
	137-277V 50/60Hz	TAD4VU			
	278-575V 50/60Hz	TAD4VN			

Spare Top Housing for 3P Contactors				[HSN Code: 8538]
For Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)	
TC1-D0711	TA5-D0711	752	1	
TC1-D0911	TA5-D0911			
TC1-D1211	TA5-D1211			
TC1-D1811	TA5-D1811	860		
TC1-D2511	TA5-D2511	1107		
TC1-D3211	TA5-D3211	2120		
TC1-D3811	TA5-D3811	3100		

Spare AC Coils for Contactor				[HSN Code: 8538]
Use for Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)	
TC1D07	TX1-D3■	460	1	
TC1D09				
TC1D12				
TC1D18				
TC1D25				
TC1D32				
TC1D38				

Mechanical Interlocks-Horizontal Mounted				[HSN Code: 8538]
Use of Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)	
TC1D07-TC1D38	LA9-D09978	372	10	

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

Thermal Overload Relay							[HSN Code: 8536]
Relay setting range (A)	Standard power ratings of 3-Phase Motors 50/60Hz, AC3 Category		Reference	Suitable for Contactor Rating (Amps)	MRP (₹)	Independent Mounting Kit	
	HP	kW					
23-32	20	15	TR2DM32353	32	2000	TA7D3264 MRP `280	
30-38	30	22	TR2DM38355	38			

Note:

- robusta Thermal Overload Relay Reference TR2D09301~TR2D25322 can be mounted directly on robusta 2 Contactor with additional fixing attachment Reference TA7D0765 (Contactor TC1D0711~1811) or TA7D2565 (Contactor TC1D2511~3811).
- robusta 2 Thermal Overload Relay reference TR2DM32353 ~TR2DM38355 can be mounted directly on robusta 2 Contactor without any additional fixing attachment.

How to order:

- Select applicable Coil Voltage required for Contactor.
- Complete the code by replacing the ■ form above.
- For common accessories please refer page no. 74 & 75.

Mini Contactors

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



Control Relays - 10 Amps [HSN Code: 8536]							
Rated Current (Ith)	Contact Configuration	With AC Coil			With DC Coil		
		Reference	MRP (₹)	Std. Pkg. (Nos.)	Reference	MRP (₹)	Std. Pkg. (Nos.)
10	2NO+2NC	TCA2-M22	1010	10	TCA3-M22	1360	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 (₹)	Std. Pkg. (Nos.)			Reference	MRP (₹)	Std. Pkg. (Nos.)
20	2.2	3	6	1NO	-	TC1-M0610	870	10	1NO	-	TP1-M0610	1280	10
				-	1NC	TC1-M0601			-	1NC	TP1-M0601		
	4	5.5	9	1NO	-	TC1-M0910	935	1NO	-	TP1-M0910	1330		
				-	1NC	TC1-M0901		-	1NC	TP1-M0901			
	5.5	7.5	12	1NO	-	TC1-M1210	1000	1NO	-	TP1-M1210	1460		
				-	1NC	TC1-M1201		-	1NC	TP1-M1201			
	7.5	10	16	1NO	-	TC1-M1610	1190	1NO	-	TP1-M1610	1620		
				-	1NC	TC1-M1601		-	1NC	TP1-M1601			

■ Please specify Coil Voltage.

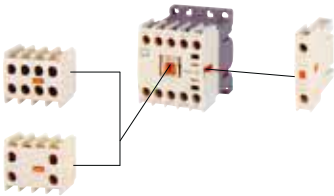
Coil Voltage Codes for Mini Contactors & Control Relays					
Contactor	Voltage				
	24	48	110	220	415
AC	B	E	F	M	N
DC	BD	ED	FD	MD	-

Overload Relays for Mini Contactors - Direct Mounting [HSN Code: 8536]					
Relay Range (Amps)	Reference	MRP (₹)	Std. Pkg. (Nos.)	Independent Mounting Kit	
0.10 - 0.16	TR2 - M0.14A	1175	1	Reference TA7-M0964 MRP (₹) 365 [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	1285			
7 - 10	TR2 - M8.5A				
9 - 13	TR2 - M11A				
12 - 16	TR2 - M14A				

☒ Non Stockable item

Accessories

Add-On-Block		[HSN Code: 8538]		
Contact Configuration		Reference	MRP (₹)	Std. Pkg. (Nos.)
Front Mounted	2 NO	TA1-M20	260	10
	1 NO+1 NC	TA1-M11		
	2 NC	TA1-M02		
	4 NO	TA1-M40	415	
	3 NO+1 NC	TA1-M31		
	2 NO+2 NC	TA1-M22		
	1 NO+3 NC	TA1-M13		
	4 NC	TA1-M04	250	
Side Mounted	1 NC	TA8-M01		
	1 NO	TA8-M10		



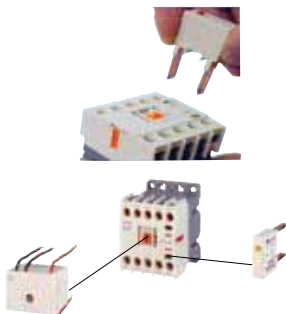
Mechanical Interlocks for Horizontally Mounted		[HSN Code: 8538]		
Use For Contactor		Reference	MRP (₹)	Std. Pkg. (Nos.)
AC	DC			
TC1-MS06	TP1-MS06	TA9-M978	390	1
TC1-MS09	TP1-MS09			
TC1-MS12	TP1-MS12			
TC1-MS16	TP1-MS16			



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	1280
	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 (₹)	Std. Pkg. (Nos.)
Varistor	AC 24~48V	TA9-M980/1	425	1
	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		



Exceed Contactor 6A-95A

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



GLOBAL CERTIFICATION



Exceed 3 Pole Power Contactor rating 6A-95A [HSN Code: 8536]								Exceed 4 Pole Power Contactor [HSN Code: 8536] rating 9A-95A										
Size	AC1 Duty A	AC3 415 V Long Life			Auxiliary Contacts		Reference	MRP (₹)	Std. Pkg. (Nos.)	AC1 Duty A	Auxiliary Contacts		Reference	MRP (₹)	Std. Pkg. (Nos.)			
		kW	HP	A	1NO	1NC					4NO	2NC						
Frame 1	25	2.2	3	6	1NO	-	TC1D0610E	730	1	25	4NO	--	TC1D12004E	POR	1			
					-	1NC	TC1D0601E				2NO	2NC	TC1D12008E					
		4	5.5	9	1NO	-	TC1D0910E	815			32	4NO	--			TC1D18004E		
					-	1NC	TC1D0901E					4NO	--			TC1D25004E		
		5.5	7.5	12	1NO	-	TC1D1210E	935			40	4NO	--			TC1D25008E		
					-	1NC	TC1D1201E					2NO	2NC			TC1D25008E		
32	9	12.5	18	1NO	-	TC1D1810E	1070	60	4NO	--	TC1D40004E							
				-	1NC	TC1D1801E			2NO	2NC	TC1D40008E							
Frame 2	40	11	15	25	1NO	-	TC1D2510E	1445	80	4NO	--	TC1D50004E	POR	1				
					-	1NC	TC1D2501E			2NO	2NC	TC1D50008E						
					1NO	-	TC1D3210E			4NO	--	TC1D65004E						
Frame 3	50	15	20	32	-	1NC	TC1D3201E	3010	125	2NO	2NC	TC1D65008E	POR	1				
					60	22	30			40	1NO	1NC			TC1D4011E	4NO	--	TC1D80004E
					80	25	35			50	1NO	1NC			TC1D5011E	2NO	2NC	TC1D80008E
Frame 3	125	37	50	65	1NO	1NC	TC1D6511E	7500	125	4NO	--	TC1D95004E	POR	1				
					80	25	35			50	1NO	1NC			TC1D8011E	2NO	2NC	TC1D95008E
					45	60	80			1NO	1NC	TC1D9511E			2NO	2NC	TC1D95008E	
		45	60	95	1NO	1NC	TC1D9511E	11100										

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		Std. Pkg. (Nos.)
	kW	HP	A	Reference	MRP (₹)	Reference	MRP (₹)	
200	59	80	115	LC1FDP115AE	13750	LC1FDP115AE	POR	1
250	80	108	150	LC1FDP150AE	18500	LC1FDP150AE		
275	100	136	185	LC1FDP185AE	22250	LC1FDP185AE		
315	110	148	225	LC1FDP225AE	24500	LC1FDP225AE		
350	140	190	265	LC1FDP265AE	30000	LC1FDP265AE		
400	180	240	330	LC1FDP330AE	36500	LC1FDP330AE		
500	220	300	400	LC1FDP400AE	43000	LC1FDP400AE		
700	280	380	500	LC1FDP500AE	61000	LC1FDP500AE		
1000	375	500	630	LC1FDP630AE	90000	LC1FDP630AE		

Exceed Contactors 4 Pole: Rating AC1 200A ~ 1000A [HSN Code: 8536]							
AC1 Duty A	Main Pole Configuration	With AC Coil		With DC Coil		Std. Pkg. (Nos.)	
		Reference	MRP (₹)	Reference	MRP (₹)		
200	4 NO	LC1FDP1154AE	17000	LC1FDP1154AE	POR	1	
250	4 NO	LC1FDP1504AE	19230	LC1FDP1504AE			
275	4 NO	LC1FDP1854AE	31560	LC1FDP1854AE			
315	4 NO	LC1FDP2254AE	34390	LC1FDP2254AE			
350	4 NO	LC1FDP2654AE	37090	LC1FDP2654AE			
400	4 NO	LC1FDP3304AE	43970	LC1FDP3304AE			
500	4 NO	LC1FDP4004AE	55310	LC1FDP4004AE			
700	4 NO	LC1FDP5004AE	61355	LC1FDP5004AE			
1000	4 NO	LC1FDP6304AE	124570	LC1FDP6304AE			



Exceed Control Relay [HSN Code: 8536]				
Rated Current(Ie) AC15 at 240V (Amps)	Contact Configuration	Reference	MRP (₹)	Std. Pkg. (Nos.)
10	2 NO + 2 NC	TCA2-DN22E**	885	1
	3 NO + 1 NC	TCA2-DN31E**		
	4 NO	TCA2-DN40E**		

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 25 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. 75.

robusta Power Contactors

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



Control Relays - 10 Amps								[HSN Code: 8536]
Rated Current(Ie) AC15 at 240V (Amps)	Contact Configuration	With AC Coil			With DC Coil			
		Reference	MRP (₹)	Std. Pkg. (Nos.)	Reference	MRP (₹)	Std. Pkg. (Nos.)	
10	2NO + 2NC	TCA2-DN22 ■	945	10	TCA3-DN22 ■	1475	10	
	3NO + 1NC	TCA2-DN31 ■			TCA3-DN31 ■			
	4NO	TCA2-DN40 ■			TCA3-DN40 ■			

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

Power Contactors 3 Pole : Rating 9A ~ 95A											[HSN Code: 8536]			
Size	AC1 Duty A	AC3 415 V Long Life			Auxiliary Contacts		With AC Coil		Std. Pkg. (Nos.)	Auxiliary Contacts		With DC Coil		Std. Pkg. (Nos.)
		kW	HP	A			Reference	MRP (₹)				Reference	MRP (₹)	
Frame 1	25	4	5.5	9	1NO	-	TC1-D0910 ■	880	1	1NO	-	TP1-D0910 ■	1375	1
					-	1NC	TC1-D0901 ■			-	1NC	TP1-D0901 ■		
		5.5	7.5	12	1NO	-	TC1-D1210 ■	1025		1NO	-	TP1-D1210 ■	1545	
					-	1NC	TC1-D1201 ■			-	1NC	TP1-D1201 ■		
	32	9	12.5	18	1NO	-	TC1-D1810 ■	1200		1NO	-	TP1-D1810 ■	1730	
					-	1NC	TC1-D1801 ■			-	1NC	TP1-D1801 ■		
		11	15	22	1NO	-	TC1-D2210 ■	1390		1NO	-	TP1-D2210 ■	2360	
					-	1NC	TC1-D2201 ■			-	1NC	TP1-D2201 ■		
Frame 2	40	11	15	25	1NO	-	TC1-D2510 ■	1545	1NO	-	TP1-D2510 ■	2550		
					-	1NC	TC1-D2501 ■		-	1NC	TP1-D2501 ■			
	50	15	20	32	1NO	-	TC1-D3210 ■	3180	1NO	-	TP1-D3210 ■	4960		
					-	1NC	TC1-D3201 ■		-	1NC	TP1-D3201 ■			
		18.5	25	38	1NO	-	TC1-D3810 ■	4495	1NO	-	TP1-D3810 ■	5800		
					-	1NC	TC1-D3801 ■		-	1NC	TP1-D3801 ■			
Frame 3	60	22	30	40	1NO	1NC	TC1-D4011 ■	4740	1NO	1NC	TP1-D4011 ■	6680		
					1NO	1NC	TC1-D4511 ■		1NO	1NC	TP1-D4511 ■		8100	
	80	25	35	50	1NO	1NC	TC1-D5011 ■	5970	1NO	1NC	TP1-D5011 ■	8250		
					1NO	1NC	TC1-D6511 ■		1NO	1NC	TP1-D6511 ■		9450	
					1NO	1NC	TC1-D7011 ■		1NO	1NC	TP1-D7011 ■		10700	
	100	37	50	70	1NO	1NC	TC1-D7011 ■	8050	1NO	1NC	TP1-D7011 ■	10700		
					1NO	1NC	TC1-D8011 ■		1NO	1NC	TP1-D8011 ■		11550	
					1NO	1NC	TC1-D9511 ■		1NO	1NC	TP1-D9511 ■		14700	
125	45	60	80	1NO	1NC	TC1-D8011 ■	9805	1NO	1NC	TP1-D8011 ■	11550			
				1NO	1NC	TC1-D9511 ■		1NO	1NC	TP1-D9511 ■		14700		

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

robusta Power Contactors

Conforming IS/IEC60947-4-1 & 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		Std. Pkg. (Nos.)
	kW	HP	A			Reference	MRP (₹)	
200A	55	73	115	1NO	1NC	TC1-D115116■*	14000	1
	55	73	115	1NO	1NC	TC1-D11511■*	14200	
	55	73	120	1NO	1NC	TC1-D120116■*	14500	
	55	73	120	1NO	1NC	TC1-D12011■*	14590	
	75	101	150	1NO	1NC	TC1-D150116■*	19500	
	75	101	150	1NO	1NC	TC1-D15011■*	19650	
	75	101	160	1NO	1NC	TC1-D160116■*	19840	
	75	101	160	1NO	1NC	TC1-D16011■*	19930	

Power Contactors 4 Pole: Rating AC1 200A					[HSN Code: 8536]	
AC1 Duty A	Main Pole Configuration			With AC Coil		Std. Pkg. (Nos.)
				Reference	MRP (₹)	
200A	4NO		--	TC1-D115004■*	15415	1
	4NO		--	TC1-D1150046■*	15265	
	4NO		--	TC1-D150004■*	20140	
	4NO		--	TC1-D1500046■*	20045	

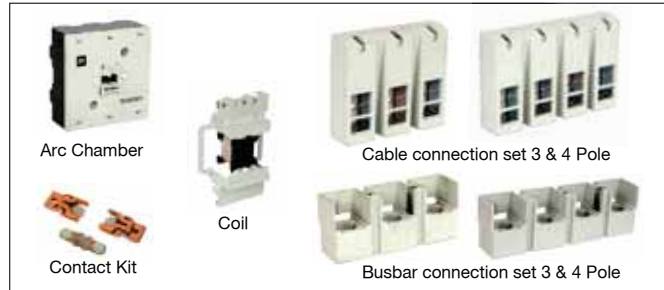
* Busbar connection * Cable connection

Spare main contacts sets (115~160), 3P/4P				[HSN Code: 8538]
Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)	
TC1D115	TA5 D115118031	5690	1	
TC1D120	TA5 D120118031	5890		
TC1D150	TA5 D150118031	6688		
TC1D160	TA5 D160118031	7180		
TC1D115004	TA5 D115804	6982		
TC1D150004	TA5 D150804	7380		

Spare Bus Bar connection sets (115~160), 3P/4P			
TC1D115	TA9 D11511503	305	1
TC1D120			
TC1D150			
TC1D160			
TC1D115004	TA9 D115504	462	1
TC1D150004			

Spare Arc Chamber (top housing) for 3P Contactors (115~160)			
TC1D115	TA5 D1151150	1995	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	1585	1
	TX1D8■F5		
	TX1D8■M5		
	TX1D8■N5		



Spare Cable connection sets (115~160), 3P/4P				[HSN Code: 8538]
Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)	
TC1D115	TA9 D11511603	608	1	
TC1D120				
TC1D150				
TC1D160				
TC1D115004	TA9 D115604	818	1	
TC1D150004				

Spare Arc Chamber (top housing) for 4P Contactors(115~160)			
TC1D115004	TA5 D115450	2068	1
TC1D150004	TA5 D150450		

AC Coil Voltage				
Contactor	Voltage			
	50Hz	F5	B5	M5

■ To specify Coil Voltage

robusta Power Contactors

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



Power Contactors with Dust Cover 3 Pole							[HSN Code: 8536]		
AC1 Duty A	AC3 415 V Long Life			With AC Coil		Std. Pkg. (Nos.)	With DC Coil		Std. Pkg. (Nos.)
	kW	HP	A	Reference	MRP (₹)		Reference	MRP (₹)	
200	59	80	115	LC1FDP115A ■	15300	1	LC1FDP115A ■	18000	1
250	80	108	150	LC1FDP150A ■	20310		LC1FDP150A ■	25000	
275	100	136	185	LC1FDP185A ■	24700		LC1FDP185A ■	31750	
275	105	140	200	LC1FDP200A ■	27000		LC1FDP200A ■	32000	
315	110	148	225	LC1FDP225A ■	27300		LC1FDP225A ■	34000	
350	140	190	265	LC1FDP265A ■	33500		LC1FDP265A ■	36500	
350	150	200	300	LC1FDP300A ■	36500		LC1FDP300A ■	43000	
400	180	240	330	LC1FDP330A ■	40000		LC1FDP330A ■	48000	
500	220	300	400	LC1FDP400A ■	46500		LC1FDP400A ■	57500	
600	240	320	460	LC1FDP460A ■	61000		-	-	
700	280	380	500	LC1FDP500A ■	66500		LC1FDP500A ■	72000	
800	355	430	580	LC1FDP580A ■	68000		-	-	
1000	375	500	630	LC1FDP630A ■	98040		LC1FDP630A ■	110000	
1600	425	580	780	☒ LC1FDP780A ■	POR		☒ LC1FDP780A ■	POR	
1000	450	610	800	☒ LC1FDP800A ■	185000		☒ LC1FDP800A ■*	190000	

- 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		Std. Pkg. (Nos.)
	kW	HP	A	Reference	MRP (₹)	
200	59	80	115	LC1FDP115HCA ■	15750	1
250	80	110	150	LC1FDP150HCA ■	23800	
275	100	135	185	LC1FDP185HCA ■	27100	
315	110	150	225	LC1FDP225HCA ■	28600	
350	140	190	265	LC1FDP265HCA ■	33900	
355	150	200	300	LC1FDP300HCA ■	36900	
400	180	220	330	LC1FDP330HCA ■	39000	
500	220	300	400	LC1FDP400HCA ■	47800	
700	280	380	500	LC1FDP500HCA ■	67500	
1000	375	500	630	LC1FDP630HCA ■	99650	

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



Telecom Contactors 4Pole Rating AC1 25A-50A					[HSN Code: 8536]
AC1 Duty A	Main Pole Configuration	With AC Coil		Std. Pkg. (Nos.)	
		Reference	MRP (₹)		
25	4 NO	TC1DT254Ne	POR	1	
32	4 NO	TC1DT324Ne			
40	4 NO	TC1DT404Ne			
50	4 NO	TC1DT504Ne			

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

robusta Power Contactors

Conforming IS/IEC60947-4-1 & 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		Std. Pkg. (Nos.)	With DC Coil		Std. Pkg. (Nos.)
				Reference	MRP (₹)		Reference	MRP (₹)	
Frame 1	25	4NO	--	TC1-D12004	1100	1	TP1-D12004	2200	1
		2NO	2NC	TC1-D12008	1390		TP1-D12008	2750	
32	4NO	--	TC1-D18004	1265	-		-		
	40	4NO	--	TC1-D25004	1800		TP1-D25004	4150	
45		2NO	2NC	TC1-D25008	2500		TP1-D25008	5200	
	63	4NO	--	TC1-DT4004	3200		-	-	
60		4NO	--	TC1-DT63004	3950		-	-	
	Frame 3	80	4NO	--	TC1-D40004		4400	TP1-D40004	
2NO			2NC	TC1-D40008	7500		TP1-D40008	11100	
100		4NO	--	TC1-D50004	5700		-	-	
		2NO	2NC	TC1-D50008	8800	-	-		
125		4NO	--	TC1-D65004	7600	TP1-D65004	12000		
		2NO	2NC	TC1-D65008	9620	TP1-D65008	14500		
125		4NO	--	TC1-D70004	8300	TP1-D70004	13800		
		2NO	2NC	TC1-D70008	10200	TP1-D80004	15000		
125		4NO	--	TC1-D80004	10200	TP1-D80008	16800		
		2NO	2NC	TC1-D80008	13000	TP1-D95004	16030		
125	4NO	--	TC1-D95004	12200	TP1-D95008	17370			
	2NO	2NC	TC1-D95008	14300					

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

Power Contactors 4 Pole 4NC : Rating 9A ~ 25A						[HSN Code: 8536]		
Size	AC1 Duty A	AC3 415 V Long Life			With AC Coil	MRP (₹)	Std. Pkg. (Nos.)	
		KW	HP	A	Reference			
Frame 1	25	4	5.5	9	TC1-D09006	1200	10	
		5.5	7.5	12	TC1-D12006	2265		
Frame 2	40	11	15	25	TC1-D25006	2430		

■ 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		Std. Pkg. (Nos.)	With DC Coil		Std. Pkg. (Nos.)
		Reference	MRP (₹)		Reference	MRP (₹)	
200	4 NO	LC1FDP1154	17800	1	LC1FDP1154	24000	1
250	4 NO	LC1FDP1504	20400		LC1FDP1504	32285	
275	4 NO	LC1FDP1854	34000		LC1FDP1854	42750	
315	4 NO	LC1FDP2254	36000		LC1FDP2254	44500	
350	4 NO	LC1FDP2654	39000		LC1FDP2654	48450	
400	4 NO	LC1FDP3304	46200		LC1FDP3304	58900	
500	4 NO	LC1FDP4004	58000		LC1FDP4004	69350	
700	4 NO	LC1FDPM5004	69600		LC1FDPM5004	83600	
1000	4 NO	LC1FDP6304	137000		LC1FDP6304	140000	
1600	4 NO	LC1FDP7804	POR		LC1FDP7804	POR	



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

● 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

Capacitor Duty Contactors 3 Pole, AC



Size	kVAR Rating	Auxiliary Contacts	Reference	MRP (₹)	Std. Pkg. (Nos.)	[HSN Code: 8536]
Frame 1	7	1NO+1NC	TC1-D07K11 ■	1820	1	
		2NC	TC1-D07K02 ■			
	10	1NO+1NC	TC1-D10K11 ■	1965		
		2NC	TC1-D10K02 ■			
	12.5	1NO+1NC	TC1-D12K11 ■	2090		
		2NC	TC1-D12K02 ■			
16.7	1NO+1NC	TC1-D16K11 ■	2915			
	2NC	TC1-D16K02 ■				
Frame 2	20	1NO+1NC	TC1-D20K11 ■	3330		
		2NC	TC1-D20K02 ■			
	25	1NO+1NC	TC1-D25K11 ■	3780		
		2NC	TC1-D25K02 ■			
Frame 3	33.3	1NO+2NC	TC1-D33K12 ■	6985		
	40	1NO+2NC	TC1-D40K12 ■	10060		
	50	1 NO+2NC	TC1D50K12 ■	10375		
	60	1NO+2NC	TC1-D60K12 ■	11865		
	75	1NO+2NC	TC1-D75K12 ■	13060		
	80	1NO+2NC	TC1-D80K12 ■	14500		
	100	1NO+2NC	TC1-D100K12 ■	15000		

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 @ ₹ 100/- per contactor

* Available from CR-38A Contactor only.

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 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.

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 @ ₹ 500 each per Contactor rating 115#780A

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

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

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

Not available for LCFDP630 & LC1FDP780

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

robusTa Overload Relay

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	Std. Pkg. (Nos.)								
	HP	KW													
Direct Mounting															
0.10 ~ 0.16	*	*	TR2-D09301	9	1160	TA7-D0964 MRP ₹ 190 [HSN Code: 8538]	1								
0.16 ~ 0.25	*	*	TR2-D09302												
0.25 ~ 0.40	*	*	TR2-D09303												
0.40 ~ 0.63	*	*	TR2-D09304												
0.63 ~ 1.00	0.5	0.37	TR2-D09305												
1.00 ~ 1.60	0.75	0.55	TR2-D09306												
1.25 ~ 2.00	1	0.75	TR2-D093X6												
1.60 ~ 2.50	1.5	1.1	TR2-D09307												
2.50 ~ 4.00	2	1.5	TR2-D09308												
4.00 ~ 6.00	3	2.2	TR2-D09310												
5.50 ~ 8.00	5	3.7	TR2-D09312												
7.00 ~ 10.0	5.5	4	TR2-D09314												
9.0 ~ 13.0	7.5	5.5	TR2-D12316					12	1390	TA7-D3264 MRP ₹ 280 [HSN Code: 8538]	1				
9.0 ~ 14.0	7.5	5.5	TR2-D12316X	12											
12.0 ~ 18.0	12	9	TR2-D18321	18											
14.0 ~ 22.0	12	9	TR2-D18321X	18											
17.0 ~ 25.0	15	11	TR2-D25322	25											
23.0 ~ 32.0	20	15	TR2-D32353	32	2000	TA7-D3264 MRP ₹ 280 [HSN Code: 8538]	1								
28.0 ~ 36.0	25	18	TR2-D32355												
23.0 ~ 32.0	20	15	TR2-D40353	40	2175	TA7-D4064 MRP ₹ 930 [HSN Code: 8538]	1								
30.0 ~ 40.0	30	22	TR2-D40355												
37.0 ~ 50.0	35	25	TR2-D65357	50	2800			TA7-D4064 MRP ₹ 930 [HSN Code: 8538]				1			
48.0 ~ 65.0	40	30	TR2-D65359												
55.0 ~ 70.0	50	37	TR2-D65361	65	3600				TA7-D4064 MRP ₹ 930 [HSN Code: 8538]	1					
63.0 ~ 80.0	60	45	TR2-D80363												
80.0 ~ 93.0	65	49	TR2-D95365	80	3975						TA7-D4064 MRP ₹ 930 [HSN Code: 8538]		1		
Independent Mounting															
65 ~ 105	75	55	LR1-F105	-	6500									-	1
80 ~ 125	80	59	LR1-F125												
100 ~ 160	110	80	LR1-F160												
125 ~ 200	135	100	LR1-F200												
160 ~ 250	175	129	LR1-F250												
200 ~ 315	220	160	☒ LR1-F315		8340	-	1								
250 ~ 400	270	200	☒ LR1-F400												
315 ~ 500	350	257	☒ LR1-F500												
400 ~ 630	480	355	☒ LR1-F630												
500 ~ 800	580	425	☒ LR1-F800												
630 ~ 1000	680	500	☒ LR1-F1000					23850	-	1					
Independent Mounting															

Thermal Overload Relays Protective Shroud for LR1-F105-630				[HSN Code: 8538]				
Relay Type	Reference	MRP (₹)	Std. Pkg. (Nos.)					
LR1-F105	LA9-F702	1405	1					
LR1-F125								
LR1-F160								
LR1-F200								
LR1-F250	LA9-F703	1854			1			
LR1-F315								
LR1-F400								
LR1-F500								
LR1-F630	LA9-F704	2000					1	
LR1-F800								

Heavy Duty Overload Relays Independent Mounting Trip class 30				[HSN Code: 8536]
Relay Setting Range (Amps)	Reference	MRP (₹)	Std. Pkg. (Nos.)	
2.5-4.0	TR6 - F4	9000	1	
4.0-6.3	TR6 - F6.3			
6.3-10	TR6 - F10			
8.0-12.5	TR6 - F12.5			
10-16	TR6 - F16			
16-25	TR6 - F25			
25-40	☒ TR6 - F40			
40-63	☒ TR6 - F63			
63-100	☒ TR6 - F100			
100-160	☒ TR6 - F160			
125-200	☒ TR6 - F200			
160-250	☒ TR6 - F250			
250-400	☒ TR6 - F400			

☒ Non Stockable item

Accessories for robusTa & Exceed Contactors

Add-On Block for Contactor Rating 9A~800A [HSN Code: 8538]				
Contact Configuration		Reference	MRP (₹)	Std. Pkg. (Nos.)
Front Mounted	1 NO	TA1-DN10*	134	10
	1 NC	TA1-DN01		
	2 NO	TA1-DN20	275	20
	1 NO+1 NC	TA1-DN11		
	2 NC	TA1-DN02		
	4 NO	TA1-DN40		
	3 NO+1 NC	TA1-DN31	412	20
	2 NO+2 NC	TA1-DN22		
	1 NO+3 NC	TA1-DN13		
	4 NC	TA1-DN04		
2 NO	TA1-DN20			
Side Mounted	1 NO+1 NC	TA8-DN11**	412	10
	2 NO	TA8-DN20		

* Suitable for robusTa Contactor rating 25~95A only.

** Suitable for robusTa Contactor rating 9~95A only.

Spare AC Coils Control Relay & Contactor 9A~95A [HSN Code: 8538]			
Use for Contactor AC	Reference	MRP (₹)	Std. Pkg. (Nos.)
TCA2-DN	TX1-D2 ■	440	20
TC1-D09			
TC1-D12			
TC1-D18			
TC1-D25	TX1-D4 ■	515	10
TC1-D32			
TC1-D40	TX1-D6 ■	1345	
TC1-D50			
TC1-D63			
TC1-D80			
TC1-D95			

Spare DC Coils Control Relay & Contactor 9A~80A [HSN Code: 8538]				
Use for Contactor DC	Reference		MRP (₹)	Std. Pkg. (Nos.)
	Normal	Wideband		
TCA3 - DN	TX4-D2 ■	TX5-D2 ■	690	1
TP1 - D09				
TP1 - D12				
TP1 - D18	TX4-D4 ■	TX5-D4 ■	770	
TP1 - D25				
TP1 - D32				
TP1 - D40	TX4-D40 ■	TX5-D40 ■	1790	
TP1 - D50				
TP1 - D65				
TP1 - D80				
TP1 - D80	TX4-D80 ■	TX5-D80 ■	3745	

■ 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

Mechanical Interlocks - Horizontal Mounted [HSN Code: 8538]				
Contact Configuration		Reference	MRP (₹)	Std. Pkg. (Nos.)
AC	DC			
TC1-D09	TP1-D09	LA9-D09978	405	10
TC1-D12	TP1-D12			
TC1-D18	TP1-D18			
TC1-D25	TP1-D25			
TC1-D32	TP1-D32			
TC1-D40	TP1-D40	LA9-D50978	988	10
TC1-D50	TP1-D50			
TC1-D65	TP1-D65			
TC1-D70	TP1-D70	LA9-D80978	1315	10
TC1-D80	TP1-D80			
TC1-D95	-			

Pneumatic Timer Block - Front Mounted [HSN Code: 8538]				
Contact Configuration		Reference	MRP (₹)	Std. Pkg. (Nos.)
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	1700

Coil Surge Suppressor for Contactor 9-95A [HSN Code: 8538]				
Description	Voltage Ratings	Reference	MRP (₹)	Std. Pkg. (Nos.)
Varistor (AC/DC) Clip-on mounting	24~48VAC/DC	TA9AMOV980E	415	10
	110~240V AC/DC	TA9AMOV980U		
	70~150V AC/DC	TA9AMOV980F		
RC Circuit (AC) Clip-on mounting	24~48V AC	TA9RC980E	415	10
	110~240V AC	TA9RC980U		
	380~440V AC	TA9RC980N		

Electrical & Mechanical Interlocks-Horizontal Mounted [HSN Code: 8538]				
Use for Contactor		Reference*	MRP (₹)	Std. Pkg. (Nos.)
AC	DC			
TC1-D09	TP1-D09	ELA9-D09978	415	10
TC1-D12	TP1-D12			
TC1-D18	TP1-D18			
TC1-D25	TP1-D25			
TC1-D32	TP1-D32			
TC1-D40	TP1-D40	ELA9-D50978	1082	
TC1-D50	TP1-D50			
TC1-D65	TP1-D65			
TC1-D80	TP1-D80	ELA9-D80978	1320	
TC1-D95	-			



Accessories

Spare AC Coils for Hoisting Power Contactor [HSN Code: 8538]					
Contactor	110V	220V	240V	415V	MRP (₹)
LC1-FDP115HCA	LX9FF110V	LX9FF220V	LX9FF240V	-	2885
LC1-FDP150HCA					
LC1-FDP185HCA	LX9FG110V	LX9FG220V	LX9FG240V	-	4240
LC1-FDP225HCA					
☒ LC1-FDP265HCA	LX9FH1102V	LX9FH2202V	LX9FH2402V	-	4620
☒ LC1-FDP330HCA					
☒ LC1-FDP400HCA	LX9FJ925	LX9FJ931	LX9FJ932	LX9FJ936	9372
☒ LC1-FDP500HCA	LX9FK925	LX9FK931	LX9FK932	LX9FK936	15845
☒ LC1-FDP630HCA	LX9FL924	LX9FL930	LX9FL931	LX9FL936	16020

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	2190
LC1-FDP150A					
LC1-FDP185A	LX1FG-110V	LX1FG-220V	LX1FG-240V	LX1FG-415V	3952
LC1-FDP200A					
LC1-FDP225A	LX1FH-1102V	LX1FH-2202V	LX1FH-2402V	LX1FH-4152V	4618
LC1-FDP265A					
LC1-FDP300A	LX1FJ-110V	LX1FJ-220V	LX1FJ-240V	LX1FJ-415V	6142
LC1-FDP330A					
LC1-FDP400A	LX1FK-110V	LX1FK-220V	LX1FK-240V	LX1FK-415V	14090
LC1-FDP500A					
LC1-FDP630A	LX1FL-110V	LX1FL-220V	LX1FL-240V	LX1FL-415V	14330
LC1-FDP780A					
LC1-FDP800A	LX4F8FW	LX4F8MW	LX4F8MW	LX4F8QW*	15610

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 (₹)	Std. Pkg. (Nos.)
Horizontally Mounted			
LC1-FDP115A	LA9-FF970	2660	
LC1-FDP150A			
LC1-FDP185A	LA9-FG970	2985	1
LC1-FDP200A			
LC1-FDP225A	☒ LA9-FJ970	3446	
LC1-FDP265A			
LC1-FDP300A	☒ LA9-FJ970	3446	
LC1-FDP330A			
LC1-FDP400A	☒ LA9-FJ970	3446	
LC1-FDP500A			
LC1-FDP5004/LC1-F630A	☒ LA9-FL970		
Vertically Mounted			
LC1-FDP115A	LA9-FF4F	3015	
LC1-FDP150A			
LC1-FDP185A	LA9-FG4G	3182	
LC1-FDP200A			
LC1-FDP225A	LA9-FH4H	3910	1
LC1-FDP265A			
LC1-FDP300A	☒ LA9-FJ4J	3910	
LC1-FDP330A			
LC1-FDP400A	☒ LA9-FJ4J		
LC1-FDP500A	☒ LA9-FK4K		
LC1-FDP5004/LC1-F630A	☒ LA9-FL4L		
LC1-FDP780A	☒ LA9-FX970	25000	

☒ Non Stockable item

Spare DC Coils for Contactors Rating 115A-800A [HSN Code: 8538]					
Contactor	110V	220V	24V	485V	MRP (₹)
LC1-FDP115A	LX4FF-110V	LX4FF-220V	LX4FF-24V	LX4FF-48V	7162
LC1-FDP150A					
LC1-FDP185A	LX4FG-110V	LX4FG-220V	LX4FG-24V	LX4FG-48V	9172
LC1-FDP225A					
LC1-FDP265A	LX4FH-110V	LX4FH-220V	LX4FH-24V	LX4FH-48V	11195
LC1-FDP330A					
☒ LC1-FDP400A	LX4FJ-110V	LX4FJ-220V	Not Available	LX4FJ-48V	17915
☒ LC1-FDP500A	LX4FK-110V	LX4FK-220V	Not Available	LX4FK-48V	19025
☒ LC1-FDP630A	LX4FL-110V	LX4FL-220V	Not Available	LX4FL-48V	22285
☒ LC1-FDP780A	•	LX4FX-220V	•	•	21278
☒ LC1-FDP800A	LX4F8FW	LX4F8MW	-	LX4F8QW*	19045

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 (₹)	Std. Pkg. (Nos.)	
	AC	DC			
For 3 Pole					
TCA2-DN40, TCA3-DN40	TA5-DN40	TA5-DN40 DC	780	1	
TCA2-DN31, TCA3-DN31	TA5-DN31	TA5-DN31 DC			
TCA2-DN22, TCA3-DN22	TA5-DN22	TA5-DN22 DC			
TC1-D0910, TP1-D0910	TA5-D0910	TA5-D0910 DC			
TC1-D0901, TP1-D0901	TA5-D0901	TA5-D0901 DC			
TC1-D1210, TP1-D1210	TA5-D1210	TA5-D1210 DC			
TC1-D1201, TP1-D1201	TA5-D1201	TA5-D1201 DC			
TC1-D1810, TP1-D1810	TA5-D1810	TA5-D1810 DC			
TC1-D1801, TP1-D1801	TA5-D1801	TA5-D1801 DC			
TC1-D2210, TP1-D2210	TA5-D2210	TA5-D2210 DC			
TC1-D2201, TP1-D2201	TA5-D2201	TA5-D2201 DC	1120		
TC1-D2510, TP1-D2510	TA5-D2510	TA5-D2510 DC			
TC1-D2501, TP1-D2501	TA5-D2501	TA5-D2501 DC	1190		
TC1-D3210, TP1-D3210	TA5-D3210	TA5-D3210 DC			
TC1-D3201, TP1-D3201	TA5-D3201	TA5-D3201 DC	2180		
TC1-D3810, TP1-D3810	TA5-D3810	TA5-D3810 DC			
TC1-D3801, TP1-D3801	TA5-D3801	TA5-D3801 DC	3190		
TC1-D4011, TP1-D4011	TA5-D4011	TA5-D4011 DC			
TC1-D5011, TP1-D5011	TA5-D5011	TA5-D5011 DC	4070		
TC1-D6511, TP1-D6511	TA5-D6511	TA5-D6511 DC			
TC1-D7011, TP1-D7011	TA5-D7011	TA5-D6511 DC	5600		
TC1-D8011, TP1-D8011	TA5-D8011	TA5-D8011 DC			
TC1-D9511	TA5-D9511	-	7720		
For 4 Pole					
TC1-D09004, TP1-D09004	TA5-D09004	TA5-D09004DC	980	1	
TC1-D09008, TP1-D09008	TA5-D09008	TA5-D09008DC	1090		
TC1-D12004, TP1-D12004	TA5-D12004	TA5-D12004DC	1140		
TC1-D12008, TP1-D12008	TA5-D12008	TA5-D12008DC	1220		
TC1-D25004, TP1-D25004	TA5-D25004	TA5-D25004DC	1740		
TC1-D25008, TP1-D25008	TA5-D25008	TA5-D25008DC	2010		
TC1-D40004, TP1-D40004	TA5-D40004	TA5-D40004DC	3700		
TC1-D40008, TP1-D40008	TA5-D40008	TA5-D40008DC	4730		
TC1-D65004, TP1-D65004	TA5-D65004	TA5-D65004DC	6280		
TC1-D65008, TP1-D65008	TA5-D65008	TA5-D65008DC	7370		
TC1-D80004, TP1-D80004	TA5-D80004	TA5-D80004DC	7470		

Accessories

Spare Top Housing for 3P exceed Contactors [HSN Code: 8538]			
For Control Relay Contactor	Reference AC	MRP (₹)	Std. Pkg. (Nos.)
TCA2-DN40E	TA5-DN40E	620	1
TCA2-DN31E	TA5-DN31E		
TCA2-DN22E	TA5-DN22E		
TC1D0901E	TA5-D0901E		
TC1D0910E	TA5-D0910E		
TC1D1201E	TA5-D1201E		
TC1D1210E	TA5-D1210E		
TC1D1801E	TA5-D1801E	720	
TC1D1810E	TA5-D1810E		
TC1D2501E	TA5-D2501E	880	
TC1D2510E	TA5-D2510E		
TC1D4011E	TA5-D4011E	2270	
TC1D5011E	TA5-D5011E	3100	
TC1D6511E	TA5-D6511E	4340	
TC1D8011E	TA5-D8011E	5710	
TC1D9511E	TA5-D9511E	6210	

Spare Main Contact for 3P Contactors Rating 115A-800A [HSN Code: 8538]			
Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)
LC1-FDP115A	LA5-FF431 (F115)	7660	1
LC1-FDP150A	LA5-FF431 (F150)	10620	
LC1-FDP185A	LA5-FG431 (F185)	13330	
LC1-FDP200A	LA5-FG431 (F200)	15660	
LC1-FDP225A	LA5-FG431 (F225)	17520	
LC1-FDP265A	LA5-FH431 (F265)	18710	
LC1-FDP300A	LA5-FH431 (F300)	19540	
LC1-FDP330A	LA5-F400803 (F330)	20990	
LC1-FDP400A	LA5-F400803 (F400)	26360	
LC1-FDP500A	LA5-F500803 (F500)	34980	
LC1-FDP630A	LA5-F630803 (F630)	49690	
LC1-FDP780A	LA5F780801(F7804)*	27950	
LC1-FDP800A	LA5F800803(F800)	55720	

Spare Main Contact Sets for 4P Power Contactors Rating 115A-780A [HSN Code: 8538]			
Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)
LC1-FDP1154A	LA5-FF441 (F1154)	8980	1
LC1-FDP1504A	LA5-FF441 (F1504)	13370	
LC1-FDP1854A	LA5FG441(F1854)	19720	
LC1-FDP2254A	LA5FG441(F2254)	20610	
LC1-FDP2654A	LA5-FH441 (F2654)	22040	
LC1-FDP3304A	LA5-F400804 (F3304)	26670	
LC1-FDP4004A	LA5-F400804 (F4004)	30330	
LC1-FDP5004A	LA5-F500804 (F5004)	47860	
LC1-FDP6304A	LA5-F630804 (F6304)	61300	
LC1-FDP7804A	LA5-F780801 (F780)**	27590	

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.

 Non Stockable item

Spare Main Contacts for 3P Hoisting Contactors rating 115A-630A [HSN Code: 8538]			
Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)
LC1-FDP115HCA	LA5-FF431HCA (F115)	7750	1
LC1-FDP150HCA	LA5-FF431HCA (F150)	10680	
LC1-FDP185HCA	LA5-FG431HCA (F185)	13320	
LC1-FDP200HCA	LA5-FG431HCA (F200)	15630	
LC1-FDP225HCA	LA5-FG431HCA (F225)	17520	
LC1-FDP265HCA	LA5-FH431HCA (F265)	18690	
LC1-FDP300HCA	LA5-FH431HCA (F300)	19520	
LC1-FDP330HCA	LA5-F400803HCA (F330)	20990	
LC1-FDP400HCA	LA5-F400803HCA (F400)	26310	
LC1-FDP500HCA	LA5-F500803HCA (F500)	34950	
LC1-FDP630HCA	LA5-F630803HCA (F630)	49640	

Spare Arc Chamber 3P [HSN Code: 8538]			
Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)
LC1-FDP115A	LA5-F11550	2220	1
LC1-FDP150A	LA5-F15050		
LC1-FDP185A	LA5-F18550	2380	
LC1-FDP200A	LA5-F20050	2410	
LC1-FDP225A	LA5-F22550	2430	
LC1-FDP265A	LA5-F26550	2660	
LC1-FDP300A	LA5-F30050	3340	
LC1-FDP330A	LA5-F33050	3580	
LC1-FDP400A	LA5-F40050	3820	
LC1-FDP500A	LA5-F50050	4270	
LC1-FDP630A	LA5-F63050	9920	
LC1-FDP780A	LA5-F780150*	7260	

Spare Arc Chamber 4P [HSN Code: 8538]			
Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)
LC1-FDP1154A	LA5-F115450	2270	1
LC1-FDP1504A	LA5-F150450		
LC1-FDP1854A	LA5-F185450	3210	
LC1-FDP2254A	LA5-F225450	3350	
LC1-FDP2654A	LA5-F265450	4000	
LC1-FDP3304A	LA5-F330450	4230	
LC1-FDP4004A	LA5-F400450	5260	
LC1-FDP5004A	LA5-F500450	6050	
LC1-FDP6304A	LA5-F630450	12110	
LC1-FDP7804A	LA5-F780150*	7690	
LC1-FDP8004A	LA5-F80050	12170	

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.

D Range Contactors & Overload Relays

GLOBAL CERTIFICATION



Control Relays 10 Amps		[HSN Code: 8536]	
Contact Configuration	A.C. Reference	MRP (₹)	Std. Pkg. (Nos.)
2 NO+2 NC	CA2-DN1229 ■	920	1
3 NO+1 NC	CA2-DN1319 ■		
4 NO	CA2-DN140 ■		

■ Please specify Coil Voltage.



Power Contactors - 3 Pole, AC		[HSN Code: 8536]						
Size	AC1 Duty A	AC3 415V Long Life			Auxiliary Contacts	Reference	MRP (₹)	Std. Pkg. (Nos.)
		KW	HP	A				
Frame 1	25	4	5.5	9	1NO -	LC1-D093 ■	855	1
					- 1NC	LC1-D099 ■		
	25	5.5	7.5	12	1NO -	LC1-D123 ■	995	
					- 1NC	LC1-D129 ■		
	32	9	12.5	16	1NO -	LC1-D173 ■	1155	
					- 1NC	LC1-D179 ■		
Frame 2	40	11	15	25	1NO -	LC1-D253 ■	1510	
					- 1NC	LC1-D259 ■		
	50	15	20	32	1NO -	LC1-D323 ■	3120	
					- 1NC	LC1-D329 ■		
Frame 3	60	22	30	40	1NO 1NC	LC1-D403 ■	4560	
	80	25	35	50	1NO 1NC	LC1-D503 ■	5530	
	80	37	50	63	1NO 1NC	LC1-D633 ■	7800	
	125	45	60	80	1NO 1NC	LC1-D803 ■	9600	

Add-on-Blocks for D Range Contactors		[HSN Code: 8538]		
Contactor	Reference	MRP (₹)	Std. Pkg. (Nos.)	
Additional Instantaneous Aux. Contact Blocks	2 NO	LA1-D20	275	20
	1 NO+1 NC	LA1-D11		
	2 NC	LA1-D02		
	4 NO	LA1-D40		
	3 NO+1 NC	LA1-D31	415	
	2 NO+2 NC	LA1-D22		
	1 NO+3 NC	LA1-D13		
	4 NC	LA1-D04		
Overlapping Aux. Contacts	2 NO+2 NC	LA1-D1111#	600	10

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	Std. Pkg. (Nos.)
	HP	KW				
0.10-0.16	*	*	LR1-D09301	1145	Reference LA7-D0964 MRP ` 185 [HSN Code: 8538]	1
0.16-0.25	*	*	LR1-D09302			
0.25-0.40	*	*	LR1-D09303			
0.40-0.63	*	*	LR1-D09304			
0.63-1.00	0.5	0.37	LR1-D09305			
1.00-1.60	0.75	0.55	LR1-D09306			
1.60-2.50	1.5	1.10	LR1-D09307			
2.50-4.00	2.00	1.50	LR1-D09308			
4.00-6.00	3.00	2.20	LR1-D09310			
5.50-8.00	5.00	3.70	LR1-D09312			
7.00-10.0	5.50	4.00	LR1-D09314	1370	Reference LA7-D3264 MRP ` 270 [HSN Code: 8538]	1
10.0-13.0	7.50	5.50	LR1-D12316			
13.0-18.0	12.00	9.00	LR1-D16321			
18.0-25.0	15.00	11.00	LR1-D25322	1965	Reference LA7-D4054 MRP ` 375 [HSN Code: 8538]	1
23.0-32.0	20.00	15.00	LR1-D32353			
28.0-40.0	20.00	15.00	LR1-D32355	2160	Reference LA7-D4054 MRP ` 375 [HSN Code: 8538]	1
23.0-32.0	20.00	15.00	LR1-D40353			
30.0-40.0	30.00	22.00	LR1-D40355	2500	Reference LA7-D4054 MRP ` 375 [HSN Code: 8538]	1
38.0-50.0	35.00	25.00	LR1-D63357			
48.0-57.0	40.00	30.00	LR1-D63359	3550	Reference LA7-D4054 MRP ` 375 [HSN Code: 8538]	1
57.0-66.0	50.00	37.00	LR1-D63361	3900		

* 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

* Wide band Coils

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 ` 100/- 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 (₹)	Std. Pkg. (Nos.)
	HP	KW			
66.0 to 80.0	60	45	LR1-D80363	3875	1

Spare AC Coil Voltage for D Range Contactors AC (Standard) [HSN Code: 8538]			
Use for Contactor AC (Standard)	Reference	MRP (₹)	Std. Pkg. (Nos.)
CA2-DN1	LX1-D09 ■	430	15
LC1-D09			
LC1-D12			
LC1-D17			
LC1-D25	LX1-D25 ■	505	10
LC1-D32			
LC1-D40			
LC1-D50**	LX1-D40 ■	1265	1
LC1-D63			
LC1-D80**			

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

■ 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 ` 135

Accessories

D Range Mechanical Interlocks Horizontally Mounted [HSN Code: 8538]			
Use for Contactor AC	Reference	MRP (₹)	Std. Pkg. (Nos.)
LC1-D09	LA9-D09978	405	10
LC1-D12			
LC1-D17			
LC1-D25			
LC1-D32			
LC1-D40	LA9-D50978	965	
LC1-D50			
LC1-D63			
LC1-D80	LA9-D80978	1315	

Spare Top Housing 3P [HSN Code: 8538]			
For Control Relay/ Contactor AC	Reference	MRP (₹)	Std. Pkg. (Nos.)
CA2-DN140	LA5-DN140	745	1
CA2-DN1319	LA5-DN1319		
CA2-DN1229	LA5-DN1229		
LC1-D093	LA5-D093		
LC1-D099	LA5-D099		
LC1-D123	LA5-D123	838	
LC1-D129	LA5-D129	900	
LC1-D173	LA5-D173		
LC1-D179	LA5-D179		
LC1-D253	LA5-D253	1185	
LC1-D259	LA5-D259		
LC1-D323	LA5-D323	2365	
LC1-D329	LA5-D329		
LC1-D403	LA5-D403	3628	
LC1-D503	LA5-D503	4445	
LC1-D633	LA5-D633	5738	
LC1-D803	LA5-D803	7472	

Coil Suppressor [HSN Code: 8538]			
Description	Reference	MRP (₹)	Std. Pkg. (Nos.)
For mounting across coil of contactor upto 80Amp, with RC network suitable for <250VAC & <400V AC	LA9-D09980	430	10

Mechanical Latching Blocks [HSN Code: 8538]			
Description for Contractors/ Control Relays Type	Reference	MRP (₹)	Std. Pkg. (Nos.)
CA2-DN1 LC1-D09, LC1-D12 LC1-D17, LC1-D25, LC1-D32	LA6-DK01	1770	10

Add-on Starting Switch [HSN Code: 8538]			
Description	Reference	MRP (₹)	Std. Pkg. (Nos.)
NO starting Switch suitable for direct mounting on Control Relays & Contactors	LA9-D09906	145	10



- Replace by voltage code AC
- Not suitable for DC control relay & DC Contactor



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



Definite Purpose Contactor [HSN Code: 8536]

FLA	Resistive AMP Rating	Reference	MRP (₹)	Std. Pkg. (Nos.)
Single Pole (Without Shunt)				
25	30	TCDP251*	680	1
30	40	TCDP301*	730	
40	50	TCDP401*	740	
Single Pole (With Shunt)				
25	30	TCDP251S*	700	1
30	40	TCDP301S*	760	
40	50	TCDP401S*	800	
Two Pole				
20	30	TCDP202*	750	1
30	40	TCDP302*	790	
40	50	TCDP402*	830	
20	30	TCDP203*	950	

AC Coil Voltage Codes for Definite Purpose Contactors

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

☒ Non Stockable item

Contactors - 2 Pole & 4 Pole, AC

Contactors - 4 Pole, AC				[HSN Code: 8536]		
AC3, 415V			Main Poles Configuration	Reference	MRP (₹)	Std. Pkg. (Nos.)
kW	HP	A				
7.5	10	20	4NO	TC1DX204■	1700	1
11	15	25	4NO	TC1DX254■	2500	
22	30	40	4NO	TC1DX404■	4200	

■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 (₹)	Std. Pkg. (Nos.)	
				TX1D20■

Spare Contact Kit for 4 Pole Contactor				[HSN Code: 8538]
Reference	Description	MRP (₹)	Std. Pkg. (Nos.)	
				TA5DX204
TA5DX254	25A Contact Kit, 4-Pole	1120		
TA5DX404	40A Contact Kit, 4-Pole	1850		

Add-on-Blocks for 4 Pole Contactors					[HSN Code: 8538]
Description	Contact Configuration	Reference	MRP (₹)	Std. Pkg. (Nos.)	
					Front mounted Aux. contact Block

Mechanical Interlock for 4 Pole Contactors				[HSN Code: 8538]
Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	
				Horizontal Mounted

Thermal Overload Relays 3 Pole type LR3D-Direct Mounting				[HSN Code: 8536]
Relay Setting Range (A)	Reference	MRP (₹)	Std. Pkg. (Nos.)	
				1.60~2.50
2.50~4.00	LR3D09308			
4.00~6.00	LR3D09310			
5.50~8.00	LR3D09312			
7.00~10.0	LR3D09314			
9.0~14.0	LR3D12316X	1050	1	
13.0~18.0	LR3D16321	1125		
14.0~22.0	LR3D16321X			
18.0~25.0	LR3D25322			

Contactors - 2 Pole, AC				[HSN Code: 8536]	
AC1 Duty	AC3 220V AC		Reference	MRP (₹)	Std. Pkg. (Nos.)
	A				
32	20		AC2-D202■	800	2
40	25		AC2-D252■	1100	
40	40		AC2-D402■	1530	



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 (₹)	Std. Pkg. (Nos.)	
				AX1D2 MU
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 (₹)	Std. Pkg. (Nos.)	
				AC5D202
AC5D252	25A Contact Kit, 2-Pole	750		
AC5D402	40A Contact Kit, 2-Pole	985		
AC5D2011	20A Contact Kit, 1NO+1NC	365		

Add-on-Blocks for 2 Pole Contactors					[HSN Code: 8538]
Description	Contact Configuration	Reference	MRP (₹)	Std. Pkg. (Nos.)	
					Front mounted Aux. contact Block

Thermal OLR 2 Pole type LR7D-Direct Mounting					[HSN Code: 8536]
Relay Setting Range (A)	Reference	MRP (₹)	Independent Mounting Kit	Std. Pkg. (Nos.)	
					4.0~6.0
5.5~8.0	LR7-D09212				
7.0~10	LR7-D09214				
9.0~14	LR7-D12216X	550			
13~18	LR7-D16221				
14~22	LR7-D16221X				
18~25	LR7-D25222	690			
23~32	LR7-D32253				


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	355	6	-	-	-	CS62210	600	6
		32		CS62216	620	6	-	-	-	CS62221	695	6
	Panel Mounting Socket - Water Tight	16	IP 67	CS62227	770	6	-	-	-	CS62232	820	6
		32		CS62238	825	6	-	-	-	CS62243	1090	6
		63		CS63249	3050	6	-	-	-	CS63254	2800	6
	Surface Mounting Socket - Splash Proof	16	IP 44	CS62404	590	6	-	-	-	CS62409	650	6
		32		CS62415	730	6	-	-	-	CS62420	780	6
	Surface Mounting Socket - Water Tight	16	IP 67	CS62426	1000	6	-	-	-	CS62431	1300	6
		32		CS62437	1250	6	CS62283	1400	3	CS62442	1500	6
		63		CS63448	3990	6	-	-	-	CS63453	3600	6
		125		-	-	-	-	-	-	CS63463	13600	6
	Plugs - Splash Proof	16	IP 44	CS60004	310	6	-	-	-	CS60009	410	6
		32		CS60015	495	6	-	-	-	CS60020	600	6
	Plugs - Water Tight	16	IP 67	CS60026	670	6	-	-	-	CS60031	880	6
		32		CS60037	1025	6	CS60145	1050	3	CS60042	1070	6
		63		CS61048	2900	6	-	-	-	CS61053	3000	6
		125		-	-	-	-	-	-	CS60061	8900	6
	Surface Mounting Interlocked Switched Socket Outlet - Horizontal	16	IP 44	CS66004(H)	4700	6	-	-	-	CS66109(H)	6000	6
		32		CS66015(H)	5600	6	-	-	-	CS66020(H)	6700	6
	Surface Mounting Interlocked Switched Socket Outlet - Vertical	16	IP 67	CS66200	5150	6	-	-	-	CS66202	7300	6
		32		CS66201	7200	6	-	-	-	CS66203	8700	6
	Connector - Splash Proof	16	IP 44	CS62004	450	6	-	-	-	CS66215	510	-
		32		CS62015	570	6	-	-	-	CS66225	720	-
	Connector Water Tight	32	IP 67	-	-	-	CS62128	1400	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	1130	6
		32A 3P 240V		CS60046	1400	6
		32A 5P 415V		CS60047	2100	6
		63A 5P 415V		CS60048	5480	6



Push Buttons & Pilot Lamps

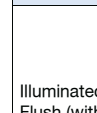
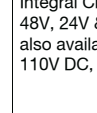
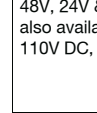
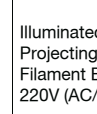
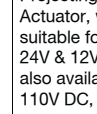
- Conforms to IS/IEC60947-5
- Ø22.5 mm Push Buttons, Emergency Stop PBs, Selector Switches, Illuminated & Non-Illuminated Actuators in Metallic & Polycarbonate variants
- Pilot Lamps in LED / Filament / Neon types
- Push Button Stations 1 / 2 / 3 / 4 ways, IP65 / 66, NEMA-4/4X protection
- High Mechanical and Electrical life
- Aesthetic and Elegant outlook
- Wide range of colors / voltages available











Globally accepted







Push Buttons: 22.5mm Without Contact Elements

Push Button Actuators with Carrier-Non-Illuminated [HSN Code: 8536]				
Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Push Spring Return Push Button	RCP2-BA1 ○	55	20	
	RCP2-BA2 ●			
	RCP2-BA3 ●			
	RCP2-BA4 ●			
	RCP2-BA5 ●			
Flush Spring Return Push Button with contact	RCP2BA33 ●	135	10	
	RCP2BA35 ●			
Projecting Push Button	RCP2-BL1 ○	57	20	
	RCP2-BL2 ●			
	RCP2-BL3 ●			
	RCP2-BL4 ●			
	RCP2-BL5 ●			
Mushroom Head Push Button, Spring Return	RCP2-BC2 ●	85	8	
	RCP2-BC3 ●			
	RCP2-BC4 ●			
	RCP2-BC5 ●			
	RCP2-BC6 ●			
Mushroom Head Push Button, Spring Return with contact	RCP2-BC21 ●	125	8	
	RCP2-BC31 ●			
	RCP2-BC42 ●			
	RCP2-BC51 ●			
Mushroom Head ∅40mm Push Button Stay Put turn to release	RCP2BS54 ●	115	8	
Mushroom Head ∅40mm Push to Stay Pull to release	RCP2BT4 ●			
Mushroom Head ∅60mm Push Button Stay Put turn to release	RCP2BS64 ●	168	5	
Mushroom Head Push Button, Push to Stay & Key to release	RCP2BS14 ●	235	8	
Push Button Stay Put ∅30mm (Press to Lock turn to release)	RCP2BS44 ●	112	10	
Push Button Actuators with Carrier & Contact Element-Non-Illuminated [HSN Code: 8536]				
Flush Spring Return Push Button with 1NO Block	RCP2-BA11 ○	90	10	
	RCP2-BA21 ●			
	RCP2-BA31 ●			
	RCP2-BA51 ●			
	RCP2-BA61 ●			
Push Button with 1NC Block	RCP2-BA42 ●			
Projecting Head Push Button with 1NO Block	RCP2-BL11 ○	90	10	
	RCP2-BL21 ●			
	RCP2-BL31 ●			
	RCP2-BL51 ●			
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▲○	135	10	
	RCP2-BW336▲●			
	RCP2-BW346▲●			
	RCP2-BW356▲●			
	RCP2-BW366▲●			
Illuminated Actuator, Flush (With BA9 Neon Bulb) 220V, 380V, 415V AC / DC	RCP2-BWN336▲●			
	RCP2-BWN346▲●			
	RCP2-BWN356▲●			

Push Button Actuators - Illuminated Flush with Series Resistor [HSN Code: 8536]								
Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture				
Illuminated Actuator, Flush (with BA9S Filament Bulb, 130V) 220V AC/DC	RCP2-BW317▲○	145	10					
	RCP2-BW337▲●							
	RCP2-BW347▲●							
	RCP2-BW357▲●							
	RCP2-BW367▲●							
	RCP2-BW377▲○							
LED Type Push Button Actuators - Illuminated Flush	RCP2-BWL317▲○	168	10					
	RCP2-BWL337▲●							
	RCP2-BWL347▲●							
	RCP2-BWL357▲●							
	RCP2-BWL377▲●							
	RCP2-BWL387▲○							
Flush Illuminated with Integral Circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCP2-BWL367▲●	300						
	RCP2-BWL377▲●							
	RCP2-BWL387▲○							
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▲○	130	10					
	RCP2-BW136▲●							
	RCP2-BW146▲●							
	RCP2-BW156▲●							
	RCP2-BW186▲●							
	RCP2-BW166▲●							
Illuminated Actuator, Flush (With BA9 Neon Bulb) 220V, 380V, 415V (AC/DC)	RCP2-BWN136▲●							
	RCP2-BWN146▲●							
	RCP2-BWN156▲●							
Push Button Actuator-Illuminated projecting without Series Resistor								
Illuminated Actuator, Projecting (with BA9S Filament Bulb, 130V) 220V (AC/DC)	RCP2-BW117▲○	135	10					
	RCP2-BW137▲●							
	RCP2-BW147▲●							
	RCP2-BW157▲●							
	RCP2-BW187▲●							
	RCP2-BW167▲●							
LED Type Push Button Actuators - Illuminated Projecting Type of voltage AC/DC to be specified	RCP2-BWL117▲○	168	10					
	RCP2-BWL137▲●							
	RCP2-BWL147▲●							
	RCP2-BWL157▲●							
	RCP2-BWL177▲○							
	RCP2-BWL187▲●							
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-BWL167▲●	308						
	RCP2-BWL177▲○							
	RCP2-BWL187▲●							
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

Selector Switch Actuators with Carrier				[HSN Code: 8536]
Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
2-Position Selector Switch (stay put)	RCP2-BD2	162	10	
3-Position Selector Switch, centre 'OFF' (stay put)	RCP2-BD3			
2-Position Selector Switch with extra long knob (stay put)	RCP2-BJ2	162	10	
3-Position Selector Switch, with extra long knob centre 'OFF' (stay put)	RCP2-BJ3			
3-Position Selector Switch (Spring Return)	RCP2-BDR3	172	10	
3-Position Selector Switch extra long knob (Spring Return)	RCP2-BJR3	172	10	
Selector Switch Actuators with Carrier & Contact Element				
2-Position Selector Switch (stay put) with 1NO Block	RCP2-BD21	188	10	
2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCP2-BD25	230		
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	235	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	245	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	52	24	
Reset Extended Actuator Pushbutton - Hex Type	RCB2AL8H			
Plastic Adaptor for 30 mm hole to 22.5 mm.	RP2-BZ41M	15	30	
Metal Adaptor for 30 mm hole to 22.5 mm	RB2-BZ41M			
Recess (Guarded) Push button - Plastic	RP2-BA16 ○	46	20	
	RP2-BA26 ●			
	RP2-BA36 ●			
	RP2-BA46 ●			
	RP2-BA56 ●			
	RP2-BA66 ●			

Push Buttons Extended Range					[HSN Code: 8536]
Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture	
Intermittent Sounding Flashing Buzzer 15 ~ 20 mA, sound level 80 dB.24V, 48V, 110V AC/DC 240V AC (* Add Voltage code)	RB2-KS* ●	178	15		
Pilot Lamps with Transformer					
Pilot Lamp (with BA9S Filament Bulb) for Input Voltage:240V AC and output Voltage: 6VAC	RCP2-BV41 ▲ ○	298	8		
	RCP2-BV43 ▲ ●				
	RCP2-BV44 ▲ ●				
	RCP2-BV45 ▲ ●				
	RCP2-BV46 ▲ ●				
RCP2-BV47 ▲ ○					
Pilot Lamp (with BA9S Filament Bulb) for input Voltage:110V AC and output Voltage: 6V AC	RCP2-BV31 ▲ ○				
	RCP2-BV33 ▲ ●				
	RCP2-BV34 ▲ ●				
	RCP2-BV35 ▲ ●				
	RCP2-BV36 ▲ ●				
RCP2-BV37 ▲ ○					
Pilot Lamps with Series Resistor					
Pilot Lamp (with BA9S Filament Bulb 130V) 220V AC / DC	RCP2-BV71 ▲ ○	118	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 ▲ ○	128	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	54	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 ▲ ●	155	10		
	RCP2-BVL74 ▲ ●				
	RCP2-BVL75 ▲ ●				
	RCP2-BVL77 ▲ ○				
	RCP2-BVL71 ▲ ○				
	RCP2-BVL78 ▲ ●				
RCP2-BVL76 ▲ ●	280				





















How to Order:

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

▲ Add Voltage Code

Push Buttons: 22.5mm

Metallic Range (Without Contact Elements)

Push Button Actuators with Carrier-Non-Illuminated [HSN Code: 8536]				
Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Flush Spring Return Push Button	RCB2-BA1 ○	60	20	
	RCB2-BA2 ●			
	RCB2-BA3 ●			
	RCB2-BA4 ●			
	RCB2-BA5 ●			
	RCB2-BA6 ●			
Projecting Push Button	RCB2-BL1 ○	65	20	
	RCB2-BL2 ●			
	RCB2-BL3 ●			
	RCB2-BL4 ●			
	RCB2-BL5 ●			
	RCB2-BL6 ●			
Booted Push Button	RCB2-BP2 ●	95	20	
	RCB2-BP3 ●			
	RCB2-BP4 ●			
	RCB2-BP5 ●			
	RCB2-BP6 ●			
	RCB2-BP6 ●			
Mushroom Head Push Button, Spring Return	RCB2-BC2 ●	95	8	
	RCB2-BC3 ●			
	RCB2-BC4 ●			
	RCB2-BC6 ●			
Mushroom Head Push Button Stay Put (press to lock, turn to release)	RCB2-BS54 ●	135	8	
	RCB2-BS64 ●	180	5	
Mushroom Head Push Button, Push to Stay & Pull to release	RCB2-BT4 ●	152	8	
RCB2-BT43 ●				
Mushroom Head Key Switch, StayPut, Key removable in both positions (press to lock and key to release)	RCB2-BSI4 ●	265	8	
Push Button Stay Put (press to lock, turn to release)	RCB2-BS44 ●	132	10	
Push Button Actuators with Carrier & Contact Element-Non-Illuminated [HSN Code: 8536]				
Flush Spring Return Push Button with 1NO Block	RCB2-BA11 ○	106	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 ●	158		
Projecting Head Push Button with 1NO Block	RCB2-BL11 ○	106	10	
	RCB2-BL21 ●			
	RCB2-BL31 ●			
	RCB2-BL51 ●			
Projecting PB with 1NC Block	RCB2-BL42 ●			
Mushroom Head Push Button Stay Put (press to lock, turn to release) with 1NC Block	RCB2-BS542 ●	172	8	
	RCB2-BS642 ●	215	4	
Mushroom Head Actuators - Illuminated [HSN Code: 8536]				
Mushroom head push button illuminated (with BA9S Filament Bulb, 130V) 220V AC/DC -2 Position Momentary	RCB2-BW437 ●	320	8	
	RCB2-BW447 ●			
	RCB2-BW637 ●	350		
	RCB2-BW647 ●			
Push Button Actuators-Illuminated Flush without Series Resistor [HSN Code: 8536]				
Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Illuminated Actuator, Flush (with BA9S Filament Bulb) 12V, 24V, 48V, 110V AC/DC	RCB2-BW316 ▲ ○	148	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 ▲ ●			
	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 ▲ ○	155	10	
	RCB2-BW337 ▲ ●			
	RCB2-BW347 ▲ ●			
	RCB2-BW357 ▲ ●			
	RCB2-BW387 ▲ ●			
	RCB2-BW367 ▲ ●			
	RCB2-BW377 ▲ ○			
LED Type Push Button Actuators - Illuminated Flush				
Flush Illuminated Actuator, with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2-BWL337 ▲ ●	185	10	
	RCB2-BWL347 ▲ ●			
	RCB2-BWL357 ▲ ●			
	RCB2-BWL317 ▲ ○			
	RCB2-BWL377 ▲ ●			
	RCB2-BWL387 ▲ ●			
	RCB2-BWL367 ▲ ●	310		
Push Button Actuators-Illuminated Projecting without Series Resistor				
Illuminated Actuator, Projecting (with BA9S Filament Bulb) 12V, 24V, 48V, 110V AC/DC	RCB2-BW116 ▲ ○	135	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 ▲ ●			
	RCB2-BWN146 ▲ ●			
	RCB2-BWN156 ▲ ●			
Push Button Actuators - Illuminated Projecting with Series Resistor				
Illuminated Actuator, Projecting (with BA9S Filament Bulb, 130V) 220V AC/DC	RCB2-BW117 ▲ ○	135	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 ▲ ●	185	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 ▲ ●	355		
Double Push Button Actuators - Illuminated Flush without Series Resistor				
Illuminated Double Push Button, Flush Green & Red Knob marked I&O respectively (with BA9S Neon Bulb) 220V, 380V, 415V AC/DC	RCB2-BWN96 ▲ ●	212	8	



▲ Add Voltage Code

Push Buttons: 22.5mm









Metallic Range (Without Contact Elements)

GLOBAL CERTIFICATION















Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture	
Push Button Actuators with Carrier - Non-Illuminated [HSN Code: 8536]					
Double Push Button, Flush Green & Red Knob marked I&O respectively	RCB2-BA87 	115	10		
Selector Switch Actuators with Carrier					
2-Position Selector Switch (stay put)	RCB2-BD2 RCB2-BD27*	182	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*	188			
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*	208			
3-Position Selector Switch (Spring Return)	RCB2-BDR3 RCB2-BDR37*				
2-Position Selector Switch extra long knob (Spring Return)	RCB2-BJR2 RCB2-BJR27*	208			
3-Position Selector Switch extra long knob (Spring Return)	RCB2-BJR3 RCB2-BJR37*				
Selector Switch Actuators with Carrier & Contact Element [HSN Code: 8536]					
2-Position Selector Switch (stay put) with 1NO Block	RCB2-BD21 RCB2-BD271*	225		10	 +
2-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCB2-BD25 RCB2-BD275*	268			
3-Position Selector Switch, centre 'OFF' (stay put) with NO+NC Block	RCB2-BD35 RCB2-BD375*				










* with Black Bezel

Selector Switch Actuators-Illuminated with series resistor [HSN Code: 8536]				
2-Position Illuminated Selector Switch (with BA9S Filament Bulb 130V) suitable for operation at 220V AC/DC	RCB2-BK1237 	290	10	
	RCB2-BK1247 			
	RCB2-BK1257 			
3-Position Illuminated Selector Switch (with BA9S Filament Bulb 130V) suitable for operation at 220V AC/DC	RCB2-BK1337 	290	10	
	RCB2-BK1347 			
	RCB2-BK1357 			

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

Selector Switch Actuators - Illuminated without series resistor				
3-Position Illuminated Selector Switch (with BA9S Filament Bulb) 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2-BK1336 	290	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	RCB2-BKL1237 	290	10	
	RCB2-BKL1247 			
	RCB2-BKL1257 			
3-Position Illuminated Selector Switch (with LED Bulb) 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2-BKL1337 	290	10	
	RCB2-BKL1347 			
	RCB2-BKL1357 			

▲ Add Voltage Code

Description	Reference	MRP (₹)	Std. Pkg. (Nos.)	Product Picture			
Key Actuators with Carrier [HSN Code: 8536]							
2-Position Key Switch, Key removable in unactuated position	RCB2-BG2 RCB2-BG27*	262	10	 			
2-Position Key Switch, Key removable in both position	RCB2-BG4 RCB2-BG47*						
2-Position Key Switch, Key removable in 'Right Hand' position	RCB2-BG02 RCB2-BG027*						
3-Position Key Switch, Key removable in centre 'OFF' position	RCB2-BG3 RCB2-BG37*	270	10	 			
3-Position Key Switch, Key removable in all position	RCB2-BG0 RCB2-BG0-7*						
3-Position Key Switch, Key removable in 'Left Hand & Right Hand' position	RCB2-BG5 RCB2-BG57*	270	10	 			
3-Position Key Switch, Key removable in 'Left Hand' position	RCB2-BG9 RCB2-BG97*						
3-Position Key Switch, Key removable in 'Right Hand' position	RCB2-BG09 RCB2-BG097*						
3-Position (Spring Return) Key Switch, Key removable in 'Center' position	RCB2-BG7 RCB2-BG77*	288	10	 +			
Key Actuators with Carrier & Contact element							
2-Position Key Switch with 1NO Block, Key removable in unactuated position	RCB2-BG21 RCB2-BG271*				288	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*	340	10	 +			
3-Position Key Switch with 1NO+1NC Block key removable in all position	RCB2-BG04 RCB2-BG074*						

* with Black Bezel






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 ●



Pilot Lamps: 22.5mm Metallic Range

GLOBAL CERTIFICATION




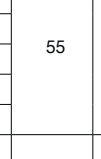


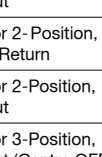
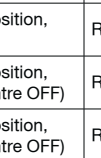
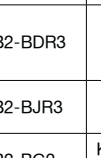
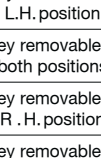
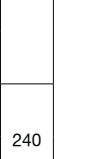



Description	Reference	MRP (₹)	Std. Pkg. (No.s)	Product Picture
LED Type Pilot Lamp-Type of voltage AC/DC [HSN Code: 8536]				
Pilot Light with integral circuit LED 48V, 24V & 12V (AC/DC) also available in 110V AC, 110V DC, 240V AC, 220DC	RCB2-BVL71▲○	168	10	
	RCB2-BVL73▲●			
	RCB2-BVL74▲●			
	RCB2-BVL75▲●			
	RCB-BVL77▲○			
	RCB2-BVL78▲●			
	RCB2-BVL76▲●	340		
Pilot Lamps with Transformer				
Pilot Lamp (with BA9S Filament Bulb) for Input Voltage 240V AC and output Voltage 6V AC	RCB2-BV41▲●	320	8	
	RCB2-BV43▲●			
	RCB2-BV44▲●			
	RCB2-BV45▲●			
	RCB2-BV46▲●			
	RCB2-BV47▲○			
	RCB2-BV48▲●			
Pilot Lamp (with BA9S Filament Bulb) for Input Voltage 110V AC and output Voltage 6V AC	RCB2-BV31▲●	320	8	
	RCB2-BV33▲●			
	RCB2-BV34▲●			
	RCB2-BV35▲●			
	RCB2-BV36▲●			
	RCB2-BV37▲○			
RCB2-BV38▲●				
Pilot Lamps with Series Resistor				
Pilot Lamp (with BA9S Filament bulb 130V) 220V AC/DC	RCB2-BV71▲●	125	10	
	RCB2-BV73▲●			
	RCB2-BV74▲●			
	RCB2-BV75▲●			
	RCB2-BV76▲●			
	RCB2-BV77▲○			
	RCB2-BV78▲●			
Pilot Lamps with Series Resistor & Diode				
Pilot Lamp (with BA9S Filament Bulb 130V) 240V AC	RCB2-BVD71	135	10	
	RCB2-BVD73▲●			
	RCB2-BVD74▲●			
	RCB2-BVD75▲●			
	RCB2-BVD76▲●			
	RCB2-BVD77▲○			
	RCB2-BVD78▲●			


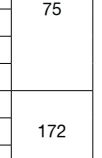

Description	Reference	MRP (₹)	Std. Pkg. (No.s)	Product Picture
Push Button Powder Coated Actuators with Carrier [HSN Code: 8536]				
Flush Spring Return Push Button powder coated	RCB2-BA17 ○	62	20	
	RCB2-BA27 ●			
	RCB2-BA37 ●			
	RCB2-BA47 ●			
	RCB2-BA57 ●			
	RCB2-BA67 ●			
	RCB2-BA77 ●			
Projecting Push Button	RCB2-BL17 ○	68	20	
	RCB2-BL27 ●			
	RCB2-BL37 ●			
	RCB2-BL47 ●			
	RCB2-BL57 ●			
	RCB2-BL67 ●			
Integrated LED Pilot Lamp - Type of voltage AC/DC				
Integral LED pilot Lamp suitable for operating at common voltage (AC/DC) 110V, 48V, 24V & 12V Also available at operational voltage 240V AC, 220V DC, 110V AC, 110V DC	RCB7-IVL73▲●	115	15	
	RCB7-IVL74▲●			
	RCB7-IVL75▲●			
	RCB7-IVL77▲○			
	RCB7-IVL78▲●			
	RCB7-IVL76▲●			
	RCB7-IVL71▲○			
Wide range: 12V~240V (AC/DC)	RCB7-IVL73▲●	245	15	
	RCB7-IVL74▲●			
	RCB7-IVL75▲●			
	RCB7-IVL77▲●			
	RCB7-IVL78▲●			
	RCB7-IVL76▲●			
	RCB7-IVL71▲○			
Wide range: 12V~240V (AC/DC)	RCB7-IVL73▲●	335	15	
	RCB7-IVL74▲●			
	RCB7-IVL75▲●			
	RCB7-IVL77▲●			
	RCB7-IVL78▲●			
	RCB7-IVL71▲○			

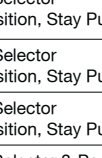



Description	Reference	MRP (₹)	Std. Pkg. (No.s)	Product Picture
Economical Barrel LED Series - Type of voltage AC/DC				
Suitable for operating at 12V DC, 240V AC, 415V AC AC/DC-24V, 110V, 220V	RCN7-IVL73▲●	95	20	
	RCN7-IVL74▲●			
	RCN7-IVL75▲●			
	RCN7-IVL77▲●			
	RCN7-IVL78▲●			
	RCN7-IVL76▲●			
	RCN7-IVL71▲○			
Suitable for operating at 12V DC, 240V AC, 415V AC AC/DC-24V, 110V, 220V	RCN7-IVL73▲●	172	20	
	RCN7-IVL74▲●			
	RCN7-IVL75▲●			
	RCN7-IVL77▲●			
	RCN7-IVL78▲●			
	RCN7-IVL71▲○			

Accessories

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


Operating Heads Without Contact Block and Carrier [HSN Code: 8536]				
Description	Reference	MRP (₹)	Std. Pkg. (No.s)	Product Picture
Pilot Lamp Head	RB2-BV01 ○	60	20	
	RB2-BV03 ●			
	RB2-BV04 ●			
	RB2-BV05 ●			
	RB2-BV06 ●			
	RB2-BV07 ○			
	RB2-BV08 ●			
Flush Push Button	RB2-BA1 ○	55	20	
	RB2-BA2 ●			
	RB2-BA3 ●			
	RB2-BA4 ●			
	RB2-BA5 ●			
	RB2-BA6 ●			
Projecting Push Button	RB2-BL1	62	20	
	RB2-BL2 ●			
	RB2-BL3 ●			
	RB2-BL4 ●			
	RB2-BL5 ●			
	RB2-BL6 ●			
Mushroom Spring Return	RB2-BC2 ●	90	8	
	RB2-BC3 ●			
	RB2-BC4 ●			
	RB2-BC5 ●			
Mushroom Stay Put	φ30mm RB2-BS44 ●	112	10	
	φ40mm RB2-BS54 ●	124	8	
	φ60mm RB2-BS64 ●	162	5	
Mushroom illuminated - 2 position Momentary - 2 position Maintained	RCB2-BW43 ●	205	8	
	RCB2-BW44 ●			
	RCB2-BW64 ●	240		
	RCB2-BW63 ●			
Booted Push Button	RB2-BP2 ●	92	20	
	RB2-BP3 ●			
	RB2-BP4 ●			
	RB2-BP5 ●			
	RB2-BP6 ●			
Double Headed without Light	RB2-BA87	116	10	
Double Headed Push Button with Light	RB2-BW9	124		
Illuminated Flush Push Button	RB2-BW31 ○	68	10	
	RB2-BW33 ●			
	RB2-BW34 ●			
	RB2-BW35 ●			
	RB2-BW36 ●			
	RB2-BW37 ○			
Illuminated Projecting Push Button	RB2-BW13 ●	75	10	
	RB2-BW14 ●			
	RB2-BW15 ●			
	RB2-BW16 ●			
	RB2-BW17 ○			
Illuminated Selector 2-Position Stay Put	RB2-BK123 ●	172	10	
	RB2-BK124 ●			
	RB2-BK125 ●			
	RB2-BK133 ●			
Illuminated Selector 3-Position Stay Put	RB2-BK134 ●	190	10	
	RB2-BK135 ●			






Operating Heads LED, Neon Pilot Lamp / Push Button Without Contact Block and Carrier [HSN Code: 8536]				
Description	Reference	MRP (₹)	Std. Pkg. (No.s)	Product Picture
LED Pilot Lamp Head	RB2-BVL01 ○	50	20	
	RB2-BVL03 ●			
	RB2-BVL04 ●			
	RB2-BVL05 ●			
	RB2-BVL06 ●			
	RB2-BVL07 ○			
	RB2-BVL08 ●			
LED Illuminating Flush Push Button	RB2-BWL31 ○	75	10	
	RB2-BWL33 ●			
	RB2-BWL34 ●			
	RB2-BWL35 ●			
	RB2-BWL36 ●			
	RB2-BWL37 ○			
LED Illuminating Projecting Push Button	RB2-BWL11 ○	90	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 (₹)	Std. Pkg. (No.s)	Product Picture
Selector 2-Position, Stay Put	RB2-BD2	Standard	162	10	
Selector 2-Position, Stay Put	RB2-BJ2	Long	178		
Selector 2-Position, Spring Return	RB2-BDR2	Standard	162		
Selector 2-Position, Stay Put	RB2-BJR2	Long	178		
Selector 3-Position, Stay Put (Centre OFF)	RB2-BD3	Standard	162		
Selector 3-Position, Stay Put (Centre OFF)	RB2-BJ3	Long	178		
Selector 3-Position, Spring Return (Centre OFF)	RB2-BDR3	Standard	162		
Selector 3-Position, Stay Put	RB2-BJR3	Long	178		
Key Selector 2-Position, Stay Put	RB2-BG2	Key removable in L.H. position	240		
Key Selector 2-Position, Stay Put	RB2-BG4	Key removable in both positions	240		
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	240		
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	240		
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	248		
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	248		
Mushroom Head with Key Stay Put	RB2-BS14 ●	Key removable in both positions			248

Accessories

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

Body Assemblies with Contact Blocks, Screw & Captive Clamp Connection					[HSN Code: 8536]
Description	Reference	Contact Type	MRP (₹)	Std. Pkg. (No.s)	Product Picture
For Actuators, Push Buttons, Selectors & Key Switches	RB2-BZ101	NO	75	20	
	RB2-BZ102	NC			
	RB2-BZ103	1NO+1NO	132	10	
	RB2-BZ104	1NC+1NC			
	RB2-BZ105	1NO+1NC			

Description	Reference	MRP (₹)	Std. Pkg. (No.s)	Product Picture
Filament Bulb (BA9S) 130V, 48V, 24V, 12V & 6V (2.6W max.)	RL1-CF	23	100	
Neon Bulb (BA9S) 415V, 380V, 220V	RL1-CN			
Set of Lens (one inner and one outer) for Pilot Lamp Head	RB2-BV00*	11	20	
Lens for LED & Neon Type Pilot Lamp (w/o inner lens)	RB2-BVL00*	11		
Set of Lens (one inner and one outer) for Illuminating Actuator	RB2-BW00*	11		
Lens for Illuminating LED & Neon actuator (w/o inner lens)	RB2-BWL00*	11		
Silicon Cap suitable for, -Booted Push Button (coloured) -Push Buttons Flush (Natural) -Push Buttons Illuminated (Natural)	RB2BP00 RC-S RCL	14 20		
Legend Plate with inscription (On, Off, Start, Stop, Slow, Fast, Forward, Reverse, Up, Down, Open, Close, Auto, Auto-o-Hand, Auto-Hand, Reset, Inch.)	RB2-BYN	12	100	
Body / Carrier with mounting screws (passivated) for making different assemblies	RB2-B*	23	20	
Yellow legend (PVC) φ60mm	RB2-PY9330	32	50	
Emergency Stop φ90mm	RB2-PY8330	35	50	

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 (₹)	Std. Pkg. (No's.)
Start	2303	Stop	2304	11	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.


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	RC 1P 102	400		
				RC 1P 103			
1 Flush Push Button	NC	4	O STOP	RC 1P 112			
				RC 1P 114			
Latching Push Button	NC	4	STOP	RC 1PBS542 RC 1PYBS542	428		
Mushroom Head Key Switch	NC	4	STOP	RC 1PBS142 RC 1PYBS142	588		
2 Flush Push Button	NO+NC	3	I	RC 2P 213	575		
		4	O				
2 Flush Push Button	NO+NC	3	START	RC 2P 215	575		
		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	640	
		2		RC2P222A		
		1	↔ Right Left	RC2P223		
		2		RC2P223A		
		1	Open Close	RC2P241		
		2	Forward Reverse	RC2P 222B		
3 Flush Push Button	NO + NC + NO	3 4 3	Forward Stop Reverse	RC3P311	785	
			Up Stop Down	RC3P321		
			Right Stop Left	RC3P331		
		Open Stop Close	RC3P341			
		1	↑ ↓ ↔	RC3P324		
		4 2		RC3P334		

Control Stations for Customer Assembly Empty Enclosure, Plastic

Control Stations for Customer Assembly Empty Enclosure, Plastic					[HSN Code: 8536]
Description		Number of Ways	Reference	MRP (₹)	Product Picture
Top	Base				
Yellow		1	RC - 1PY	324	
		1	RC - 1P		
Bone Grey	Jet Black	2	RC - 2P		
		3	RC - 3P		
		4	RC - 4P	460	

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

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	598	
				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	660	
Mushroom Head Key Switch	NC	4	STOP	RC 1MBS142	770	
2 Flush Push Button	NO+NC	3 4	I O	RC 2M 213	755	
				2 Flush Push Button		

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	730		
				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	928		
				Up Stop Down			RC 3M 321
							RC 3M 331
				Open Stop Close			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	458	
		2	RC - 2M	480	
		3	RC - 3M	570	
		4	RC - 4M*	698	

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

Operating Head for Control Stations

For Customer assembly






Plastic Operating Heads without Contact Block use with RC.P & RC.M enclosures - IP65 [HSN Code: 8536]					
Description	Reference	MRP (₹)	Std. Pkg. (No's)	Product Picture	
Flush Push Button Spring Return	RP2-BA1 ○	52	20		
	RP2-BA2 ●				
	RP2-BA3 ●				
	RP2-BA4 ●				
	RP2-BA5 ●				
	RP2-BA6 ●				
Projecting Push Button	RP2-BA334	52	20		
	RP2-BA335				
	RP2-BL1 ○				
	RP2-BL2 ●				
	RP2-BL3 ●				
	RP2-BL4 ●				
Mushroom Spring Return	RP2-BL5 ●	82	8		
	RP2-BL6 ●				
	RP2-BC2 ●				
	RP2-BC3 ●				
	RP2-BC4 ●				
Mushroom Stay Put	RP2-BC5 ●	99	10		
	RP2-BC6 ●				
	RP2-BS44 ●				
	RP2-BS54 ●				
	φ30mm φ40mm φ60mm	178	5		




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


Description	Reference	Operating Handle	MRP (₹)	Std. Pkg. (No's)	Product Picture
Selector 2-Position, Stay Put	RP2-BD2	Standard	156	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	220		
Key Selector 2-Position, Stay Put	RP2-BG4	Key removable in both positions	230		
Key Selector 2-Position, Stay Put	RP2-BG02	Key removable in R. H. position			
Key Selector 3-Position, Stay Put	RP2-BG3	Key removable in centre position			
Key Selector 3-Position, Stay Put	RP2-BG0	Key removable in all positions	235		
Key Selector 3-Position, Stay Put	RP2-BG5	Key removable in L. H. & R. H. position			
Key Selector 3-Position, Stay Put	RP2-BG9	Key removable in L. H. position	225		
Key Selector 3-Position, Stay Put	RP2-BG09	Key removable in R. H. position			
Key Selector 3-Position, Both Side Spring Return	RP2-BG7	Key removable in Centreposition			
Mushroom Head with Key Stay Put	RP2-BS14	Key removable in both positions	225	8	

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 (₹)	Std. Pkg. (Nos.)	Product Picture
Flush Push Button Spring Return	RM2-BA1○	58	20	
	RM2-BA2●			
	RM2-BA3●			
	RM2-BA4●			
	RM2-BA5●			
	RM2-BA6●			
	RM2-BA334 †			
Projecting Push Button	RM2-BA335●	60	20	
	RM2-BL1○			
	RM2-BL2●			
	RM2-BL3●			
	RM2-BL4●			
	RM2-BL5●			
Mushroom Spring Return ϕ 40mm	RM2-BC2●	99	8	
	RM2-BC3●			
	RM2-BC4●			
	RM2-BC5●			
	RM2-BC6●			
Mushroom Stay Put ϕ 30mm ϕ 40mm ϕ 60mm	RM2-BS44●	115	10	
	RM2-BS54●	125	8	
	RM2-BS64●	146	5	
Mushroom Push-Pull Type ϕ 40mm	RM2-BT43●	125	8	

Operating Heads for Control Stations Without Contact Block and Carrier		[HSN Code: 8536]			
Description	Reference	Operating Handle	MRP (₹)	Std. Pkg. (Nos.)	Product Picture
Selector 2-Position, Stay Put	RM2-BD2	Standard	162	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	225	10	
Key Selector 2-Position, Stay Put	RM2-BG4	Key removable in both positions	235		
Key Selector 2-Position, Stay Put	RM2-BG02	Key removable in R. H. position			
Key Selector 2-Position, Spring Return Stay Put	RM2-BG6	Key removable in L.H. position			
Key Selector 3-Position, Stay Put	RM2-BG3	Key removable in centre position	248		
Key Selector 3-Position, Stay Put	RM2-BG0	Key removable in all positions			
Key Selector 3-Position, Stay Put	RM2-BG5	Key removable in L.H. & R.H. position	268		
Key Selector 3-Position, Stay Put	RM2-BG9	Key removable in L.H. position			
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	238		
Mushroom Head with Key Stay Put	RM2-BS14I	Key removable in both positions		8	

Contact Blocks - Base Mounted For Control Stations Customer Assembly		[HSN Code: 8536]			
Description	Reference	Contact Type	MRP (₹)	Std. Pkg. (No's)	Product Picture
Contact Block	RB2BE-101BM/P*	NO	54	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 (₹)	Std. Pkg. (Nos.)	
Start	RP2-BY2303	Stop	RP2-BY2304	8	100	
Forward	RP2-BY2305	Reverse	RP2-BY2306			
Up	RP2-BY2307	Down	RP2-BY2308			
On	RP2-BY2311	Off	RP2-BY2312			
Open	RP2-BY2313	Close	RP2-BY2314			
Auto	RP2-BY2315	Hand	RP2-BY2316			
Reset	RP2-BY2323	Inch	RP2-BY2321			
Slow	RP2-BY2327	Fast	RP2-BY2328			
Power On	RP2-BY2326	Emer. Stop	RP2-BY2330			
Right	RP2-BY2309	Left	RP2-BY2310			
O	RP2-BY2146	--	RP2-BY2147			
→	RP2-BY1912	←	RP2-BY1913			
↑	RP2-BY1914	↑	RP2-BY1915			

Note: Minimum order of #10 each.

Legends (Stickers) are supplied with the following standard texts, Metal						[HSN Code: 8536]
Description	Reference	Standard Text	Reference	MRP (₹)	Std. Pkg. (Nos.)	
Start	RM2-BY2303	Stop	RM2-BY2304	8	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.



CSPF-100 : Power Factor Controller Series

- Auto / Manual operation
- Automatic C/K set-up mode
- Suitable for various wiring scheme
- Indication of active capacitor bank through LEDs
- Measurement & display of line parameters like V, I, P, Q, S, Cos ϕ & Temperature
- FAN control output and over temperature alarm based on a built-in temperature sensing
- Protection & indication on abnormal condition such as over/under compensation, over voltage, over/under current etc.
- Target Cos ϕ value, C/K ratio, capacitor bank switching program etc.

Digital Panel Meters & Automatic Power Factor Control Relay



Digital Panel Meters

Description	Reference	Communication	Accuracy class	MRP (₹)
1 Phase Voltage - 230V or 415V	CSM-A-V1-S1	NA	Class 1	880
1 Phase Current	CSM-A-I1-S1	NA	Class 1	880
1 Phase Frequency	CSM-A-F1-S1	NA	Class 1	880
1 Phase PF	CSM-A-P1-S1	NA	Class 1	880
3 Phase voltage	CSM-A-V3-S1	NA	Class 1	1225
3 Phase Current	CSM-A-I3-S1	NA	Class 1	1225
3 Phase Frequency	CSM-A-F3-S1	NA	Class 1	1225
3 Phase PF	CSM-A-P3-S1	NA	Class 1	1225
Hour Meter	CSM-A-H1-S1	NA	Class 1	880
1 Phase kWh	CSM-A-E3-S1	-	Class 1	2300
3 Phase kWh	CSM-A-E3-S3	NA	Class 1	2700
3 Phase Voltage, Current, Frequency	CSM-A-M3-S3	NA	Class 1	2050
3 Phase Voltage, Current, Frequency with communication	CSM-A-M3-S3-C	Available	Class 1	2450
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh	CSM-A-M4-S3	NA	Class 1	3600
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh with communication	CSM-A-M4-S3-C	Available	Class 1	4200
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh	CSM-A-M5-S3	NA	Class 1	5200
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh with communication	CSM-A-M5-S3-C	Available	Class 1	5800
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh	CSM-A-M6-S3	NA	Class 1	6400
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh with communication	CSM-A-M6-S3-C	Available	Class 1	6800
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh, THD	CSM-MF-05	NA	Class 0.5	13000
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh, THD	CSM-MF-02	Optional with Modbus/ Profibus	Class 0.2	26000

Automatic Power Factor Control Relay

Description	Reference	MRP (₹)
6 Stage APFC Relay with single CT input	CSPF-100-06	7100
8 Stage APFC Relay with single CT input	CSPF-100-08	8400
12 Stage APFC Relay with single CT input	CSPF-100-12	9600



Industrial Motor Starters

- 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

Heavy Duty DOL Starter Type DX-P with robust 4 Pole Contactor & LR1D OLR in S.S. enclosure

[HSN Code: 8536]



Std. Power Rating for 3Ph. Motor at 415V		Reference	Relay LR1D Range Amps	MRP (₹)	Std. Pkg. (Nos.)
HP	kW				
1.5	1.1	BE1-DXP204#307	1.6-2.5	2125	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	2400	6
		BE1-DXP254#321XH	14-22	2500	
15	11	BE1-DXP254#322	18-25		2500
25	18	BE1-DXP404#353	23-32	4200	6

Heavy Duty Automatic Star Delta Starter Type DX-P with robust 4 Pole Contactor & LR1D OLR, Electronic Star Delta Timer in S.S. enclosure

[HSN Code: 8536]



Std. Power Rating for 3Ph. Motor at 415V		Reference	Relay LR1D Range Amps	MRP (₹)	Std. Pkg. (Nos.)	
HP	kW					
7.5	5.5	BE3-DXP204#312	5.5-8.0	8100	2	
12	9	BE3-DXP204#314	7.0-10			
15	11	BE3-DXP204#316X	9-14			
20	15	BE3-DXP204#321	13-18	8500		2
		BE3-DXP254#321XH	14-22	9300		
25	18	BE3-DXP254#322	18-25	11100		2
30	22	BE3-DXP254#353	23-32	11100	2	

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.

Industrial Motor Starter with D range Contactor & LR1D Overload Relay

DOL Starter with D range Contactor & LR1D OLR in Plastic Enclosure

[HSN Code: 8536]



Std. Power Rating for 3Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	Std. Pkg. (Nos.)
HP	kW				
0.5	0.37	LE1-D173#305	0.63-1.00	1950	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	4460	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 (₹)	Std. Pkg. (Nos.)
HP	kW				
0.5	0.37	BE1-D1735■305	0.63-1.00	1950	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	4460	
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		
30	22	BE1-D4035■355	28.0-40.0	12000	
35	25	BE1-D5035■357	38.0-50.0	12250	
40	30	BE1-D6335■359	48.0-57.0	12500	



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 (₹)	Std. Pkg. (Nos.)	
HP	kW					
0.5	0.37	BE2-D1735■305	0.63-1.00	7400	1	
0.75	0.55	BE2-D1735■306	1.0-1.60			
1.5	1.1	BE2-D1735■307	1.60-2.50			
2.0	1.5	BE2-D1735■308	2.50-4.00			
3.0	2.2	BE2-D1735■310	4.00-6.00			
5.0	3.7	BE2-D1735■312	5.50-8.00			
5.5	4.0	BE2-D1735■314	7.00-10.0			
7.5	5.5	BE2-D1735■316X	9.0-14.0			9000
12.0	9.0	BE2-D2535■321	13.0-18.0			
15.0	11.0	BE2-D2535■322	18.0-25.0	10000		
20.0	15.0	BE2-D3235■353	23.0-32.0	15000		



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 (₹)	Std. Pkg. (Nos.)
kW	HP				
3	4	BE3-D1735■308	2.5-4.0	7700	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	8000	
15	20	BE3-D2235■321	13.0-18.0		
18	25	BE3-D2535■322	18.0-25.0	10500	
22	30	BE3-D3235■322	18.0-25.0	18650	
25	35	BE3-D3235■353	23.0-32.0		
30	40	BE3-D4035■355	30.0-40.0	25000	
37	50	BE3-D5035■355	30.0-40.0	29000	
51	70	BE3-D6335■359	48.0-57.0	49000	
59	80	BE3-D8035N 361	57.0-66.0	51000	
75	100	BE3-F115 363	66.0-80.0	65000	
90	125	BE3-F115N105	65.0-105.0	67000	
110	150	BE3-F150N125	80.0-125.0	73500	
132	180	☒ BE3-F185N160	100.0-160.0	128750	
160	220	☒ BE3-F185N200	125.0-200.0		
200	270	☒ BE3-F265N250	160.0-250.0	142000	
220	300	☒ BE3-F330N315	200.0-315.0	151000	
260	350	☒ BE3-F330S315	200.0-315.0		

☒ Non Stockable item

Semi-Automatic Star Delta Starter with D range Contactor, LR1D OLR					[HSN Code: 8536]
Std. Power Rating for 3 Ph. Motor at 415V		Reference	Relay Range Amps	MRP (₹)	Std. Pkg. (Nos.)
kW	HP				
3	4	BE3-D1735■308SA	2.5 ~ 4.0	6100	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		
15	20	BE3-D2535■321SA	13.0 ~ 18.0	7990	
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:

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

Custom Built Motor Starters Solutions

- **Smart Start Delta Starter rating 40 HP to 150 HP 3 Phase 415V AC**
 - Incomer 3 Pole MCCB, 10~25kA
 - Selection of liberal D range, air break Contactor
 - Electronic motor protection relay with built-in feature having pause of 0.30 sec for motor protection against single phasing
 - Electronic Star Delta Timer
 - Housed in free standing IP 54 sheet steel enclosure with bottom cable entry
 - Optional facility: Water Level Controller also available
- **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 rotar
 - Electronic Star Delta Timer
 - Housed in free standing IP 54 sheet steel enclosure with bottom cable entry

How to order Star Delta Starter:

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

- **Intelligent Auto Transformer Starter rating 40 HP to 350 HP 3 Phase 415V AC (closed transition)**
 - Incomer 3 Pole MCCB, 10~25kA
 - Selection of liberal D range, air break Contactor
 - Digital motor protection Relay type mPro100 with 7 segment display to assure complete motor protection against overload, phase loss, under current, unbalance, motor stall, earth fault, lock rotar
 - Auto 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



Anmol Motor Starters

- Conforms to IS 13947-4-1
- 3Ø DOL Starter range: 1HP~15HP
- 3Ø Auto Start DOL Starter range: Upto 25HP
- 1Ø DOL starter range: Upto 5HP
- 1Ø Submersible Pump Starter range: 0.5~5HP
- 3Ø Automatic Star Delta Starter range: Upto 30HP
- 3Ø Submersible Pump Starters range: upto 75HP
- Smart Mobile Pump Controller suitable for 1Phase & 3 Phase



Superior Performance

Long Life

Easy Maintenance

Launching

SOON



Smart Electronic Starters for Pump Control - PPC Series

1Ø DOL Submersible Pump Panel
upto 3 HP (PPC-50 Model)

3Ø DOL & Star Delta Submersible Pump Panel
upto 25 HP (PPC-100 Model)

Features & Benefits:

- With in-built protections
- Single Phasing
- Overload
- Phase reversal
- Dry run
- Phase imbalance
- Over & under voltage
- Digital display of Phase Voltage & Current
- Run Time scheduler



Submersible Pump Starters

1Ø & 3Ø Starter with settable operating time up to 5 Hrs.



Settable operating
time up to 5 Hrs.



Submersible Flat Cables

Features & Benefits:

- Conductor as per IS:8130/1984
- Insulation by specially formulated PVC compound
- Construction as per IS:694, IEC-6022 7 & BS-6500
- Available in circular shape on request.
- The number and diameter of copper strand are for reference only and governed by conductor resistance.



Anmol Motor Starters for Agri Segment



Single Phase DOL Starter in S.S. Enclosure [HSN Code: 8536]					
Incorporating 2 Pole Contactor type AC2D with wide band operating coil, 2 Pole Overload relay type LR7D					
Reference	Relay Range (Amp)	Std. Power Rating for Single Phase Motor at 220V AC		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE1-ASA2025MU210	4.0-6.0	0.37	0.5	1290	6
BE1-ASA2025MU212	5.5-8.0	0.55	0.75		
BE1-ASA2025MU214	7.0-10.0	0.75	1		
BE1-ASA2025MU216X	9.0-14.0	1.1	1.5	1375	
BE1-ASA2525MU221	13.0-18.0	1.5	2		
BE1-ASA2525MU222	18.0-25.0	2.2	3		



DOL in S.S. Enclosure [HSN Code: 8536]					
Incorporating Heavy Duty 4 Pole Contactor type TC1-DX with wide band operating coil, Overload relay type LR3D with manual re-set and yellow flag for trip indication					
Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE1-DXM204■307	1.6-2.5	1.1	1.5	2075	6
BE1-DXM204■308	2.5-4.0	1.5	2		
BE1-DXM204■310	4.0-6.0	2.2	3		
BE1-DXM204■312	5.5-8.0	3.7	5		
BE1-DXM204■314	7.0-10	4	5.5		
BE1-DXM204■316X	9.0-14	5.5	7.5		
BE1-DXM204■321	13-18	9	12	2225	
BE1-DXM254■321X	14-22	11	15	2350	
BE1-DXM254■322	18-25	11	15	2450	
BE1-DXM404■353	23-32	18	25	4290	



DOL in S.S. Enclosure [HSN Code: 8536]				
Incorporating Heavy Duty 4 Pole Contactor type TC1-DX with wide band operating coil Overload relay type LR1D with manual re-set and yellow flag for trip indication				
Reference	Relay Range (Amp)	MRP (₹)	Std. Pkg. (Nos.)	
BE1-DXH204■307	1.60-2.5	2100	6	
BE1-DXH204■308	2.50-4.0			
BE1-DXH204■310	4.00-6.0			
BE1-DXH204■312	5.50-8.0			
BE1-DXH204■314	7.00-10.0			
BE1-DXH204■316	10.0-13.0			
BE1-DXH204■316X	9.00-14.0	2245	6	
BE1-DXH204■321	13.0-18.0			
BE1-DXH254■321X	14.0-22.0	2270	6	
BE1-DXH254■322	18.0-25.0	2475		
BE1-DXH404■353	23.0-32.0	4315	6	



Automatic Star Delta Starter in S.S. Enclosure [HSN Code: 8536]				
Incorporating Heavy Duty 4 Pole Contactor type TC1-DX with wide band operating coil Overload relay type LR1D for motor protection & Electronic Star Delta Timer				
Reference	Relay Range (Amp)	MRP (₹)	Std. Pkg. (Nos.)	
BE3-DXH204■307	1.60-2.5	7750	2	
BE3-DXH204■308	2.5-4.0			
BE3-DXH204■310	4.0-6.0			
BE3-DXH204■312	5.5-8.0			
BE3-DXH204■314	7.0-10.0			
BE3-DXH204■316X	9.0-14.0			
BE3-DXH204■321	13.0-18.0	7850	2	
BE3-DXH254■321X	14.0-22.0	9720		
BE3-DXH254■322	18.0-25.0	11630	2	
BE3-DXH254■353	23.0-32.0			
BE3-DXH404■353	23.0-32.0	14000	2	

Auto Start DOL Starter in SS Enclosure

[HSN Code: 8536]

Incorporating Heavy Duty 4 Pole Contactor type TC1-DX with wide band operating coil, Overload relay type LR3D with manual re-set and yellow flag for trip indication. Electronic Auto Switch for protection against Single Phase, phase reversal & phase unbalance and 3 position selector switch-SPP Auto/SPP Manual/Manual having provision of 6 way terminal block for bottom cable entry



Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE1-DXSD204■307	1.6~2.5	1.1	1.5	3300	1
BE1-DXSD204■308	2.5~4.0	1.5	2		
BE1-DXSD204■310	4.0~6.0	2.2	3		
BE1-DXSD204■312	5.5~8.0	3.7	5		
BE1-DXSD204■314	7.0~10	4	5.5		
BE1-DXSD204■316X	9.0~14	5.5	7.5	3450	
BE1-DXSD204■321	13~18	9	12		
BE1-DXSD254■321X	14~22	11	15	3650	
BE1-DXSD254■322	18~25	11	15	4100	
BE1-DXSD404■353	23~32	18	25	5300	

Automatic Star Delta Starter in S.S Enclosure

[HSN Code: 8536]

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



Reference	Relay Range (Amp)	Std. Power Rating for 3 P at 415V		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3-DXM204■308	2.5~4.0	3.00	4.00	7700	2
BE3-DXM204■310	4.0~6.0	4.00	5.5		
BE3-DXM204■312	5.5~8.0	5.5	7.5		
BE3-DXM204■314	7.0~10	9	12		
BE3-DXM204■316X	9.0~14	11	15		
BE3-DXM204■321	13.0~18	15	20	7800	
BE3-DXM254■321X	14.0~22	18	25	9675	
BE3-DXM254■322	18.0~25				
BE3-DXM254■353	23.0~32	22.5	30	11580	

Semi Automatic Star Delta Starter in S.S Enclosure

[HSN Code: 8536]

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



Reference	Relay Range (Amp)	Std. Power Rating for 3 P at 415V		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3-DXM204■314SA	7.0~10	9	12	6400	2
BE3-DXM204■316XSA	9.0~14	11	15		
BE3-DXM204■321SA	13.0~18	15	20	6700	
BE3-DXM254■321XSA	14.0~22	18	25	8800	
BE3-DXM254■322SA	18.0~25				
BE3-DXM254■353SA	23.0~32	22.5	30	9700	

Submersible Pump Starter

Single Phase Submersible Pump Starter-Economical Standard Model in S.S. Enclosure

[HSN Code: 8536]

Incorporating Single Phase Submersible Pump Starter-Economical Model in S S Enclosure Incorporating 2 Pole Definite Purpose Contactor, Single Pole MCB, Ammeter, ON/OFF Push Button, Motor ON Indicator with provision of terminal for dry run relay



Reference	Std. Power Rating for Single Phase Motor at 220V AC		Capacitor Rating (MFD)	MCB Rating 'C' Curve	MRP (₹)	Std. Pkg. (Nos.)
	kW	HP				
BE1-SSEDP202U5C16	0.37	0.5	25	16	3025	2
BE1-SSEDP202U5C20	0.55	0.75	36	20		
BE1-SSEDP202U5C25	0.75	1.0	36	25	3150	
BE1-SSEDP202U5C32	1.1	1.5	50	32	3490	
BE1-SSEDP202U5C40	1.5	2.0	36+36	40	3625	



Single Phase Submersible Pump Starter - Economical Deluxe Model in S.S. Enclosure [HSN Code: 8536]							
Incorporating 2 Pole Definite Purpose Contactor, 2 Pole Oveload relay type LR7DM, Ammeter, Voltmeter ON/OFF Push Button, Motor ON Indicator with provision of terminal for dry run relay							
Reference	Relay Range (Amps)	Std. Power Rating for Single Phase Motor at 220V AC		Capacitor Rating (MFD)		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP	Run	Start		
BE1-SDEDP202U5210	4.0-6.0	0.37	0.5	25	80/100	3390	2
BE1-SDEDP202U5212	5.5-8.0	0.55	0.75	36	80/100		
BE1-SDEDP202U5214	7.0-10	0.75	1.0	36	100/120	3530	
BE1-SDEDP202U5214D2	7.0-10	0.75	1.0	50	100/120		
BE1-SDEDP202U5216XD2	9.0-14	1.1	1.5	36+36	120/150	3740	
BE1-SDEDP202U5216X	9.0-14	1.1	1.5	50	120/150		
BE1-SDEDP202U5221X	14-22	1.5	2.0	36+36	150/200	4075	

Single Phase Submersible Pump Starter suitable for wide band operating range 160V-260V 50Hz AC



Single Phase Submersible Pump Starter - Deluxe Model in S.S. Enclosure [HSN Code: 8536]							
Incorporating Heavy duty 2 Pole Contactor, 2P Overload Relay Type LR7D, Supressed scale Voltmeter & Ammeter with provision of terminals for dry run relay							
Reference	Relay Range (Amp)	Std. Power Rating for Single Phase Motor at 220V AC		Capacitor Rating (MFD)		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP	Run	Start		
BE1-SDA2025MU210	4.0-6.0	0.37	0.5	25	80/100	3550	2
BE1-SDA2025MU212	5.5-8.0	0.55	0.75	36	80/100		
BE1-SDA2025MU214	7.0-10.0	0.75	1	36	100/120	3585	
BE1-SDA2025MU214H	7.0-10.0			50	100/120		
BE1-SDA2025MU216X	9.0-14.0			36	100/120		
BE1-SDA2025MU216XM	9.0-14.0			50	100/120		
BE1-SDA2025MU216XTS	9.0-14.0	1.1	1.5	72	100/120	3900	
BE1-SDA2025MU216XH	9.0-14.0			50	120/150		
BE1-SDA2025MU216XA	9.0-14.0			36+36	120/150		
BE1-SDA2025MU221H	13.0-18.0			120/150			
BE1-SDA2525MU222	18.0-25.0	1.5	2	50+50	120/150	4125	
BE1-SDA2525MU221X	14.0-22.0			36+36	150/200		
BE1-SDA2525MU221XTS	14.0-22.0			45+45	200/250		
BE1-SDA2525MU222M	18.0-25.0			50+50	150/200		
BE1-SDA2525MU222H	18.0-25.0	2.2	3	50+50	200/250	4800	
BE1-SDA2525MU222TS	18.0-25.0			60+60	200/250		
BE1-SDA4025MU253	23.0-32.0	3.7	5	50+50+50	200/250	6950	



Single Phase Submersible Pump Starter with Dual Meter - Economical Standard Model in S.S. Enclosure

[HSN Code: 8536]

Incorporating Single Phase Submersible pump control unit with 2 Pole Definite purpose contactor, Dual analog VA meter, Start & Run Capacitor & MCB for short circuit protection.

Reference	Std. Power Rating for Single Phase Motor at 220V AC		Capacitor rating (MFD)		MRP (₹)	Std. Pkg. (Nos.)
	kW	HP	Run	Start		
BE1-SSCEDP202U5C16	0.75	1	50	120/150	3200	2
BE1-SSCEDP202U5C20	1.1	1.5	72	150/200	3300	
BE1-SSCEDP202U5C25	1.5	2	100	200/250	3600	
BE1-SSCEDP202U5C32	2.2	3	100	200/250	4075	



Single Phase Submersible Pump Starter with Fixed Current Relay Economical Standard Model in S.S. Enclosure

[HSN Code: 8536]

Incorporating Single Phase Economical Submersible pump control unit with DP Contactor, fixed current relay; Dual analog VA meter & run capacitor.

Reference	Std. Power Rating for Single Phase Motor at 220V AC		Capacitor rating (MFD)	Relay (Amp)	MRP (₹)	Std. Pkg. (Nos.)
	kW	HP	Run			
BE1-SSCEDP202U5T6	0.37	0.5	25	6	2575	2
BE1-SSCEDP202U5T6M	0.37	0.5	36	6		
BE1-SSCEDP202U5T8	0.75	1	36	8	2685	
BE1-SSCEDP202U5T8M	0.75	1	50	8		
BE1-SSCEDP202U5T10	0.75	1	36	10		
BE1-SSCEDP202U5T10M	0.75	1	50	10		
BE1-SSCEDP202U5T10H	1.1	1.5	50	10	2770	
BE1-SSCEDP202U5T10HM	1.1	1.5	36+36	10		
BE1-SSCEDP202U5T12	1.1	1.5	50	12		
BE1-SSCEDP202U5T12M	1.1	1.5	36+36	12	2825	
BE1-SSCEDP202U5T12H	1.5	2	50	12		
BE1-SSCEDP202U5T12HM	1.5	2	36+36	12		
BE1-SSCEDP202U5T15	1.5	2	50	15		
BE1-SSCEDP202U5T15M	1.5	2	36+36	15		



Single Phase Submersible Pump Starter with Fixed Current Relay Economical Standard Model in S.S. Enclosure

[HSN Code: 8536]

Incorporating Single Phase Submersible pump control unit with DP Contactor, fixed current relay; Dual analog VA meter & Start and Run Capacitor.

Reference	Std. Power Rating for Single Phase Motor at 220V AC		Capacitor rating (MFD)		Relay Range (Amp)	MRP (₹)	Std. Pkg. (Nos.)
	kW	HP	Run	Start			
BE1-SDEDP202U5T10	0.75	1	25	80/100	10A	3165	2
BE1-SDEDP202U5T15	1.1	1.5	36+36	120/150	15A	3305	
BE1-SDEDP202U5T20	1.5	2	36+36	150/200	20A	3850	

Single Phase Submersible Pump Starter-Standard Model in S.S. Enclosure [HSN Code: 8536]

Incorporating DP Contactor, fixed current relay; Digital VA meter & Start and Run Capacitor.



Reference	Relay Range (Amp)	Std. Power Rating for Single Phase Motor at 220V AC		Capacitor rating (MFD)		'C' Curve MCB Rating (A)	MRP (₹)	Std. Pkg. (Nos.)
		kW	HP	Run	Start			
BE1-SSDCEDP202U5T6	6	0.37	0.5	36	40/60	16	3265	2
BE1-SSDCEDP202U5T8	8	0.55	0.75	50	60/80	20		
BE1-SSDCEDP202U5T8H	8	0.75	1	60	80/100	25	3405	
BE1-SSDCEDP202U5T8HM	8	0.75	1	72	100/120	25		
BE1-SSDCEDP202U5T10	10	0.75	1	60	80/100	25		
BE1-SSDCEDP202U5T10M	10	0.75	1	72	100/120	25	3615	
BE1-SSDCEDP202U5T10M2	10	0.75	1	50	100/120	25		
BE1-SSDCEDP202U5T10H	10	1.1	1.5	72	100/120	32		
BE1-SSDCEDP202U5T10HM	10	1.1	1.5	100	100/120	32		
BE1-SSDCEDP202U5T12	12	1.1	1.5	72	100/120	32	3950	
BE1-SSDCEDP202U5T12M	12	1.1	1.5	100	100/120	32		
BE1-SSDCEDP202U5T12H	12	1.5	2	72	100/120	40		
BE1-SSDCEDP202U5T12HM	12	1.5	2	125	120/150	40		
BE1-SSDCEDP202U5T15	15	1.5	2	72	100/120	40	4050	
BE1-SSDCEDP202U5T15H	15	1.5	2	125	120/150	40		
BE1-SSDCEDP202U5T15M1	15	1.1	1.5	50	100/120	16		
BE1-SSDCEDP202U5T15M2	15	1.5	2	100	200/250	25	4050	
BE1-SSDCEDP202U5T20M1	20	2.2	3	100+25	200/250	40		
BE1-SSDCEDP202U5T20M2	20	1.5	2	125	120/150	32		

Submersible Pump Starter with 3 Position Selector Switch

Submersible Pump Starter DOL-Deluxe Model [HSN Code: 8536]

Incorporating Heavy Duty 4 Pole Contactor type TC1-DX, Overload relay type LR3D, Auto Start Switch, 3 Position selector switch for SPP Auto/SPP Manual / Manual, Voltmeter with Selector Switch, Suppressed scale Ammeter, Motor ON & Trip LED Indicator, TP 'C' curve MCB for short circuit protection



Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE1-SPSDDX204■308	2.5~4.0	1.5	2	8550	2
BE1-SPSDDX204■310	4.0~6.0	2.2	3		
BE1-SPSDDX204■312	5.5~8.0	3.7	5		
BE1-SPSDDX204■314	7.0~10	3.9	5.5		
BE1-SPSDDX204■316X	9.0~14	5.5	7.5	8950	
BE1-SPSDDX204■321	13~18	7.5	10		
BE1-SPSDDX254■321X	14~22	9.3	12.5	9350	
BE1-SPSDDX254■322	18~25	11	15	9600	
BE1-SPSDDX404■353	23~32	13	17.5	9800	
BE1-SPSDDX404■355	28~40	15	20		



Submersible Pump Starter DOL-Standard Model [HSN Code: 8536] GST@18%

Incorporating Heavy Duty 4 Pole contactor type TC1-DX, overload relay type LR3D, Auto Start switch, 3 position selector switch for SPP Auto/SPP Manual/Manual (AS4), On / Off Rocker switch, RYB LED indicator, Motor ON & Trip LED Indicator

Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE1-SPSSDX204■308-B	2.50-4	1.5	2	6000	2
BE1-SPSSDX204■310-B	4-6	2.2	3		
BE1-SPSSDX204■312-B	5.5-8	2.2	3		
BE1-SPSSDX204■314-B	7-10	3.7	5		
BE1-SPSSDX204■316X-B	9-14	3.7/4	5/5.5	6100	
BE1-SPSSDX204■321-B	13-18	5.5	7.5	6600	
BE1-SPSSDX254■321X-B	14-22	7.5	10	7100	
BE1-SPSSDX254■322-B	18-25	10	12	7300	
BE1-SPSSDX404■353-A4	23-32	18.5	25		
BE1-SPSSDX404■355-A4	28-40	22	30		



Submersible Pump Starter Automatic Star Delta - Standard Model [HSN Code: 8536] GST@18%

Incorporating Heavy Duty 4 Pole Contactor type TC1-DX, Overload relay type LR3D/LR1D, Auto Start Switch, 3 Position selector switch for SPP Auto/SPP Manual / Manual (AS4), Voltmeter with Selector Switch, Suppressed scale Ammeter, Motor ON & Trip LED indicator with rigid Busbar

Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3-SPSSDX204■308-B	2.5-4	2.2	3	10335	1
BE3-SPSSDX204■310-B	4-6	3.7	5		
BE3-SPSSDX204■312-B	5.5-8.	4	5.5		
BE3-SPSSDX204■314-B	7-10	5.5	7.5		
BE3-SPSSDX204■316X-B	9-14	7.5/10	10/12	11215	
BE3-SPSSDX204■321-B	13-18	10/11	12/15	11460	
BE3-SPSSDX254■321X-B	14-22	11/15	15/20	14750	
BE3-SPSSDX254■322-B	18-25	15	20	17350	
BE3-SPSSDX254■353-A4	23-32	18.5	25	27500	
BE3-SPSSDX404■355-A4	28-40	22	30	37500	
BE3-SPSSDX6335NW357-A4	38-50	30	40	40000	
BE3-SPSSDX6335NW359-A4	48-57	37	50		
BE3-SPSSDX8035NW361-A4	57-66	45	60		



Note: 'B' indicates Rigid Busbar version, available from 2.5-25A Relay range (8 models).

Submersible Pump Starter DOL with Panel ON/OFF Switch Standard Model [HSN Code: 8536]

Incorporating Heavy Duty 4 Pole contactor type TC1-DX, overload relay type LR3D, Auto Start switch, 3 position selector switch for SPP Auto/SPP Manual/Manual, On / Off Rocker switch, Motor ON & Trip LED Indicator

Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE1-SPSSDX204■308-RS	2.50-4.00	1.5	2	6015	2
BE1-SPSSDX204■310-RS	4.00-6.00	2.2	3		
BE1-SPSSDX204■312-RS	5.5-8.00	3.7	5		
BE1-SPSSDX204■314-RS	7.00-10.0	3.9	5.5		
BE1-SPSSDX204■316X-RS	9.00-14.0	5.5	7.5		
BE1-SPSSDX204■321-RS	13.0-18.0	7.5	10	6115	
BE1-SPSSDX254■321X-RS	14.0-22.0	9.3	12.5	6615	
BE1-SPSSDX254■322-RS	18.0-25.0	11	15		
BE1-SPSSDX404■353-RS	23.0-32.0	13	17.5	7115	
BE1-SPSSDX404■355-RS	28.0-40.0	15	20	7315	



Submersible Pump Starter DOL Standard Model [HSN Code: 8536]

Incorporating Heavy Duty 4 Pole Contactor type TC1-DX, Overload relay type LR3D, Auto Start Switch, 3 Position selector switch for SPP Auto/SPP Manual / Manual, Voltmeter, Suppressed scale Ammeter, Motor ON & Trip LED Indicator

Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE1-SPSSDX204■308	2.5-4.0	1.5	2	6015	2
BE1-SPSSDX204■310	4.0-6.0	2.2	3		
BE1-SPSSDX204■312	5.5-8.0	3.7	5		
BE1-SPSSDX204■314	7.0-10	3.9	5.5		
BE1-SPSSDX204■316X	9.0-14	5.5	7.5		
BE1-SPSSDX204■321	13-18	7.5	10	6115	
BE1-SPSSDX254■321X	14-22	9.3	12.5	6615	
BE1-SPSSDX254■322	18-25	11	15		
BE1-SPSSDX404■353	23-32	13	17.5	7115	
BE1-SPSSDX404■355	28-40	15	20	7315	



Submersible Pump Starter DOL with Hour Meter Standard Model [HSN Code: 8536]

Incorporating Hour meter- Standard Model incorporating: Heavy Duty 4 Pole contactor type TC1-DX, overload relay type LR3D, Auto Start switch, 3 position selector switch for SPP Auto/SPP Manual/Manual, Dual Analog VA Meter, Hour meter (To monitor SPCU power ON hours), rocker switch (ON/OFF Switch) Motor ON & Trip LED Indicator.

Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE1-SPSSDX204■308-RH	2.50-4.00	1.5	2	7200	2
BE1-SPSSDX204■310-RH	4.00-6.00	2.2	3		
BE1-SPSSDX204■312-RH	5.5-8.00	3.7	5		
BE1-SPSSDX204■314-RH	7.00-10.0	3.9	5.5		
BE1-SPSSDX204■316X-RH	9.00-14.0	5.5	7.5		
BE1-SPSSDX204■321-RH	13.0-18.0	7.5	10	8070	
BE1-SPSSDX254■321X-RH	14.0-22.0	9.3	12.5	8315	
BE1-SPSSDX254■322-RH	18.0-25.0	11	15		
BE1-SPSSDX404■353-RH	23.0-32.0	13	17.5	9340	
BE1-SPSSDX404■355-RH	28.0-40.0	15	20	9435	



Submersible Pump Starter DOL with Hour Meter Deluxe Model [HSN Code: 8536]

Incorporating Heavy Duty 4 Pole contactor type TC1-DX, overload relay type LR3D, Auto Start switch, 3 position selector switch for SPP Auto/SPP Manual/Manual, Dual Analog VA Meter, Hour meter (To monitor SPCU power ON hours), Motor ON & Trip LED Indicator, TP 'C' curve MCB for short circuit protection

Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE1-SPSDDX204■308-HM	2.5~4	1.5	2	9650	2
BE1-SPSDDX204■310-HM	4-6	2.2	3		
BE1-SPSDDX204■312-HM	5.5-8	3.7	5		
BE1-SPSDDX204■314-HM	7-10	3.9	5.5		
BE1-SPSDDX204■316X-HM	9-14	5.5	7.5		
BE1-SPSDDX204■321-HM	13-18	7.5	10	10050	
BE1-SPSDDX254■321X-HM	14-22	9.3	12.5	10450	
BE1-SPSDDX254■322-HM	18-25	11	15	10700	
BE1-SPSDDX404■353-HM	23-32	13	17.5	10900	
BE1-SPSDDX404■355-HM	28-40	15	20		



Submersible Pump Starter Automatic Star Delta - Deluxe Model

[HSN Code: 8536]

Incorporating Heavy Duty 4 Pole Contactor type TC1-DX, Overload relay type LR3D/LR1D, Auto Start Switch, 3 Position selector switch for SPP Auto/SPP Manual / Manual, Voltmeter with Selector Switch, Suppressed scale Ammeter, RYB LED Indicator Motor ON & Trip LED Indicator, TP 'C' curve MCB for short circuit protection



Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3-SPSDDX204■308	2.5-4.0	1.5	2	14300	1
BE3-SPSDDX204■310	4.0-6.0	2.2	3		
BE3-SPSDDX204■312	5.5-8.0	3.7	5		
BE3-SPSDDX204■314	7.0-10	3.9	5.5		
BE3-SPSDDX204■316X	9.0-14	5.5	7.5		
BE3-SPSDDX204■321	13-18	7.5	10	14500	
BE3-SPSDDX254■321X	14-22	9.3	12.5	14750	
BE3-SPSDDX254■322	18-25	11	15		
BE3-SPSDDX254■353	23-32	13	17.5	16000	
BE3-SPSDDX404■355	28-40	15	20	16500	
BE3-SPSDDX404■357	38-50	26	35	23000	
BE3-SPSDD6335NW357	38-50	26	35	27000	
BE3-SPSDD6335NW359*	48-57	40	30	37500	
BE3-SPSDD8035NW361*	57-66	50	37	39000	
BE3-SPSDD8035SW105	65-105	60	80	53000	

Submersible Pump Starter Automatic Star Delta - Standard Model

[HSN Code: 8536]

Incorporating Heavy Duty 4 Pole Contactor type TC1-DX, Overload relay type LR3D/LR1D, Auto Start Switch, 3 Position selector switch for SPP Auto/SPP Manual / Manual, Voltmeter with Selector Switch, Suppressed scale Ammeter, Motor ON & Trip LED indicator



Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3-SPSSDX204■308	2.5-4.0	1.5	2	11000	1
BE3-SPSSDX204■310	4.0-6.0	2.2	3		
BE3-SPSSDX204■312	5.5-8.0	3.7	5		
BE3-SPSSDX204■314	7.0-10	3.9	5.5		
BE3-SPSSDX204■316X	9.0-14	5.5	7.5		
BE3-SPSSDX204■321	13-18	7.5	10	12100	
BE3-SPSSDX254■321X	14-22	9.3	12.5	12550	
BE3-SPSSDX254■322	18-25	11	15		
BE3-SPSSDX254■353	23-32	13	17.5	14900	
BE3-SPSSDX404■355	28-40	15.5	20	17700	
BE3-SPSSDX404■357	38-50	26	35	23650	
BE3-SPSSD6335NW357*	38-50	28	38	27700	
BE3-SPSSD6335NW359*	48-57	30	40	37650	
BE3-SPSSD8035NW361*	57-66	37	50	40150	

Submersible Pump Starter Automatic Start Delta with Hour Meter - Deluxe Model

[HSN Code: 8536]

Incorporating Heavy Duty 4 Pole contactor type TC1-DX, overload relay type LR3D/LR1D, Auto Start switch, 3 position selector switch for SPP Auto/SPP Manual/Manual, Dual Analog VA Meter, Hour meter(To monitor SPCU power ON hours),RYB LED indicator, Motor ON & Trip LED Indicator, TP 'C' curve MCB for short circuit protection



New Hour Meter & Dual Meter

Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3-SPSDDX204■308-HM	2.5-4	1.5	2	15400	1
BE3-SPSDDX204■310-HM	4-6	2.2	3		
BE3-SPSDDX204■312-HM	5.5-8	3.7	5		
BE3-SPSDDX204■314-HM	7-10	3.9	5.5		
BE3-SPSDDX204■316X-HM	9-14	5.5	7.5		
BE3-SPSDDX204■321-HM	13-18	7.5	10	15600	
BE3-SPSDDX254■321X-HM	14-22	9.3	12.5	15850	
BE3-SPSDDX254■322-HM	18-25	11	15		
BE3-SPSDDX254■353-HM	23-32	13	17.5	17100	
BE3-SPSDDX404■355-HM	28-40	15	20	17600	
BE3-SPSDDX404■357-HM	38-50	26	35	24100	
BE3-SPSDD6335■357-HM	38-50	28	38	28100	
BE3-SPSDD6335NW359-HM	48-57	40	30	38600	
BE3-SPSDD8035NW361-HM	57-66	50	37	40100	
BE3-SPSDD8035SW363-HM	66-80	56	75	45500	
BE3-SPSDD8035SW105-HM	65-105	59.6	80	54100	

Submersible Pump Starter Automatic Star Delta with Hour Meter Standard Model [HSN Code: 8536]

Incorporating Heavy Duty 4 Pole contactor type TC1-DX, overload relay type LR3D/LR1D, Auto Start switch, 3 position selector switch for SPP Auto/SPP Manual/Manual, Dual Analog VA Meter, Rocker Switch (ON/OFF) Hour meter (To monitor SPCU power ON hours), RYB LED indicator, Motor ON & Trip LED Indicator

Reference	Relay Range (Amp)	Standard Power rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3-SPSSDX204■308-RH	2.50-4.00	1.5	2	12050	1
BE3-SPSSDX204■310-RH	4.00-6.00	2.2	3		
BE3-SPSSDX204■312-RH	5.50-8.00	3.7	5		
BE3-SPSSDX204■314-RH	7.00-10.0	3.9	5.5		
BE3-SPSSDX204■316X-RH	9.00-14.0	5.5	7.5		
BE3-SPSSDX204■321-RH	13.0-18.0	7.5	10	13150	
BE3-SPSSDX254■321X-RH	14.0-22.0	9.3	12.5	13550	
BE3-SPSSDX254■322-RH	18.0-25.0	11	15		
BE3-SPSSDX254■353-RH	23.0-32.0	13	17.5	15900	
BE3-SPSSDX404■355-RH	28.0-40.0	15.5	20	18100	
BE3-SPSSDX404■357-RH	38.0-50.0	26	35	24650	
BE3-SPSSD6335NW357-RH	38.0-50.0	28	38	28700	
BE3-SPSSD6335NW359-RH	48.0-57.0	30	40	38650	
BE3-SPSSD8035NW361-RH	57.0-66.0	37	50	41150	
BE3-SPSSD8035NW363-RH	66.0-80.0	56	75		



Submersible Pump Starter Automatic Start Delta with ON/OFF Switch-Standard Model [HSN Code: 8536]

Incorporating Heavy Duty 4 Pole contactor type TC1-DX, overload relay type LR3D/LR1D, Auto Start switch, 3 position selector switch for SPP Auto/SPP Manual/Manual, On/ Off Rocker switch ,voltmeter with selector switch suppressed scale ammeter, Motor ON & Trip LED Indicator

Reference	Relay Range (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3-SPSSDX204■308-RS	2.50-4.00	1.5	2	10950	1
BE3-SPSSDX204■310-RS	4.00-6.00	2.2	3		
BE3-SPSSDX204■312-RS	5.50-8.00	3.7	5		
BE3-SPSSDX204■314-RS	7.00-10.0	3.9	5.5		
BE3-SPSSDX204■316X-RS	9.00-14.0	5.5	7.5		
BE3-SPSSDX204■321-RS	13.0-18.0	7.5	10	12050	
BE3-SPSSDX254■321X-RS	14.0-22.0	9.3	12.5	12450	
BE3-SPSSDX254■322-RS	18.0-25.0	11	15		
BE3-SPSSDX254■353-RS	23.0-32.0	13	17.5	14800	
BE3-SPSSDX404■355-RS	28.0-40.0	15.5	20	17000	
BE3-SPSSDX404■357-RS	38.0-50.0	26	35	23550	
BE3-SPSSD6335NW357-RS	38.0-50.0	28	38	27600	
BE3-SPSSD6335NW359-RS	48.0-57.0	30	40	37550	
BE3-SPSSD8035NW361-RS	57.0-66.0	37	50	40050	
BE3-SPSSD8035NW363-RS	68.0-80.0	56	75		



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

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

Reference	Relay (Amp)	Standard Power Rating		MRP (₹)	Std. Pkg. (Nos.)
		kW	HP		
BE3-DXM204■307-PT	1.6-2.5	1.5	2	7725	1
BE3-DXM204■308-PT	2.5-4.0	3	4		
BE3-DXM204■310-PT	4.0-6.0	4	5.5		
BE3-DXM204■312-PT	5.5-8.0	5.5	7.5		
BE3-DXM204■316X-PT	9.0-14.0	11	15		
BE3-DXM204■321-PT	13.0-18.0	15	20	7825	
BE3-DXM254■321X-PT	14.0-22.0	18	25	9700	
BE3-DXM254■322-PT	18.0-25.0	18	25		
BE3-DXM254■353-PT	23.0-32.0	22.5	30		

CS1 Series Starters

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

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



Direct-on-Line starters in SS Enclosure

Selection Chart

Description	Reference	Relay Range (Amp)	Max. Motor Output at 415V, 3Ph		MRP (₹)	Std. Pkg. (Nos.)
			HP	KW		
CS1 DOL	CS1DO■0914	9-14	7.5	5.5	1770	1
CS1 DOL	CS1DO■1118	11-18	7.5	5.5	1815	
CS1 DOL	CS1DO■1322	13-22	7.5	5.5	1865	
CS2 DOL	CS2DO■1322	13-22	7.5	5.5	1950	
CS2 DOL	CS3DO■2032	20-32	7.5	5.5	2050	

Fully Automatic Star-Delta starters in SS Enclosure

Selection Chart

Description	Reference	Relay Range (Amp)	Max. Motor Output at 415V, 3Ph		MRP (₹)	Std. Pkg. (Nos.)
			HP	KW		
CS1 FASD	CS1SD■0914	9-14	12.5	9.3	6520	1
CS1 FASD	CS1SD■1118	11-18	15.0	11.0	6565	
CS1 FASD	CS1SD■1322	13-22	15.0	11.0	6610	
CS1 FASD	CS2SD■1322	13-22	15.0	11.0	6700	

Note: Minimum order qty. for DOL 5 Nos & for Star Delta Starter 2 Nos.

Anmol Smart Mobile Pump Controller			[HSN Code: 8538]
Reference	Phase (Ø)	MRP (₹)	Std. Pkg. (Nos.)
TCMU1N	3	5700	1
TCMU1M	1	5300	
TCMZM	1	6300	
TCMZN	3	6700	



Salient Features:

- 5 Users Mobile Controller
- 4 LEDs Indicators
- Get Motor ON/OFF status on mobile
- Battery Backup upto 8 hours
- Get status of Mains, Pump, Battery & Signal Strength
- Easy to operate with SMS or Missed call
- Schedule Motor Run Time
- Wall & Panel Mounting
- Suitable for GSM SIM card of all mobile operators
- With SPP, dry run protection

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 (₹)	Std. Pkg. (Nos.)
	HP	KW			
23.0-32.0	20.00	15.00	LR1-D32353	1965	1
28.0-40.0	20.00	15.00	LR1-D32355		
23.0-32.0	20.00	15.00	LR1-D40353	2160	
30.0-40.0	30.00	22.00	LR1-D40355		
38.0-50.0	35.00	25.00	LR1-D63357	2500	
48.0-57.0	40.00	30.00	LR1-D63359	3550	
57.0-66.0	50.00	37.00	LR1-D63361	3900	
65-105*	75.00	55.00	LR1-F105	6500	

* Independent Mounting *Wide band Coil NW has operating range 250-440V AC



Thermal Overload Relays 3 Pole type LR3D-Direct Mounting				[HSN Code: 8536]
Reference	Relay Range (Amp)	MRP (₹)	Std. Pkg. (Nos.)	
LR3D09307	1.60-2.50	960	1	
LR3D09308	2.5-4.0			
LR3D09310	4.0-6.0			
LR3D09312	5.5-8.0			
LR3D09314	7.0-10	1050		
LR3D12316X	9.0-14			
LR3D16321	13-18	1125		
LR3D16321X	14-22			
LR3D25322	18-25			



Thermal Overload Relays 2 Pole type LR7D (Direct Mounting) & LR7DM				[HSN Code: 8536]
Reference	Relay Range (Amp)	MRP (₹)	Std. Pkg. (Nos.)	
LR7D09207	1.60-2.50	480	1	
LR7D09208	2.5-4.0			
LR7D09210 / LR7D09210M	4.0-6.0			
LR7D09212 / LR7D09212M	5.5-8.0			
LR7D09214 / LR7D09214M	7.0-10			
LR7D12216X / LR7D12216XM	9.0-14			
LR7D16221	13-18	550		
LR7D16221X / LR7D16221XM	14-22			
LR7D25222	18-25			
LR7D32253	23-32	690		



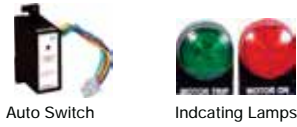
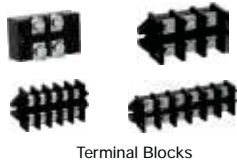
How to order Starter

- Complete the code by replacing the square (■) by the letter(s) corresponding to the Coil Voltage selected.
- Starters / Submersible Pump Starter selection should be based on the FLC of Pump/Motor & Coil Voltage required as per installation.
- Anmol Starters should be ordered in standard packing for each model.

** Anmol Starters portfolio available in the above standard coil voltage only.

Wide operating band encapsulated coils with its operating range.

Coil Voltage Codes (Standard) for Submersible Pump Starter/DOL/Auto DOL Starter				
Coil Voltage (AC) 50HzCoil Code**	Voltage			
		190-400 Q	250-440 N	*300-500 SW



Motor Starter Spares		[HSN Code: 8538]
Description	Reference	MRP (`)
Pneumatic SD Timer (1-30 Sec)	TA2-DS2	1700
Electronic Timer	TCET030SD415VAC	1425
Terminal Block, 2 Way,15 A	TB2W15A	80
Terminal Block, 3 Way,60 A	TB3W60A	110
Terminal Block, 6 Way,60 A	TB6W60A	190
Terminal Block, 3Way,30 A	TB3W30A	100
Terminal Block, 5 Way,30 A	TB5W30A	150
Definite Purpose Contactor Coil 240V	DP2XU5	160
Ammeter	AM10A	500
Ammeter	AM15A	
Ammeter	AM20A	
Ammeter	AM25A	
Ammeter	AM50A	
Ammeter	AM755	700
Ammeter	AM1005	550
Voltmeter	VM500	
Voltmeter	VM300	500
Auto Switch 45 Sec Delay	TCAS045	630
On Indicating lamp (green)	RCB7IVL74-415V	115
TRIP indicating lamp (red)	RCB7IVL73-415V	
R Phase LED indicating Lamp	RCB7IVL74-220V	
Y Phase LED indicating Lamp	RCB7IVL78-220V	
B Phase LED indicating Lamp	RCB7IVL76-220V	198
Archood TC1DX 4 POLE	TC1DX-A	210
Carrier TC1DX 4 Pole only mold	TC1DX-C	95
Rocker Switch	RSVM	45
3 Phase Dual Meter-Analog (0-20A,120A Suppressed & 0-500V) 96X96mm	ELDM0520	660
3 Phase Dual Meter-Analog (0-50A,500A Suppressed & 0-500V) 96X96mm	ELDM0550	
1 Phase Dual Meter-Analog (0-15A,90A Suppressed & 0-300V) 72X72mm	ELDM0315	
1 Phase Dual Meter-Analog (0-20A,120A Suppressed & 0-300V) 72X72mm	ELDM0320	
1 Phase Dual Meter-Analog (0-25A,150A Suppressed & 0-300V) 72X72mm	ELDM0325	
1 Phase Dual Meter-Analog (0-50A,300A Suppressed & 0-300V) 72X72mm	ELDM0350	
Dual Meter-Digital (0-30A & 0-300V) 72X72mm	ELDM0030	750
Hour Meter	TCHRM0001	1225
Wire type Antenna - Mobile Controller Unit	ELNT0001	425
Battery - Mobile Controller Unit	TCDT0012	

Motor Starter Spares

[HSN Code: 8538]

Description	Reference	MRP (₹)
Start Capacitor 80-100	ELSCC100	180
Start Capacitor 100-120	ELSC0120	170
Start Capacitor 120-150	ELSC0150	200
Start Capacitor 150-200	ELSC0200	
Start Capacitor 200-250	ELSC0250	210
Run Capacitor	ELRC0025	165
Run Capacitor	ELRC0036	
Run Capacitor	ELRC0045	235
Run Capacitor	ELRC0050	
Run Capacitor	ELRC0021	270
Run Capacitor	ELRC0072	
Stop Push Button	RCP2BA42	90
Start Push Button	RCP2BA31	
Contact Element 1 NO	RB2BE101	54
Contact Element 1 NC	RB2BE102	
Voltage Selector Switch	SPVSS10	320
MCB (C Type 16 Amps SP)	CSMBS1C16	208
MCB (C Type 100 Amps TP)	CSMB3C100	
MCB (C Type 125 Amps TP)	CSMB3C125	POR
MCB (C Type 25 Amps TP)	CSMB3C25-M	1093
MCB (C Type 32 Amps TP)	CSMB3C32-M	
MCB (C Type 63 Amps TP)	CSMB3C63-M	1690
Add On Start Switch	LA9D09906	145
Add On Block	LA1D20A	182
Add On Block (T) 1NO+1NC	TA1DN11	275
3 Position Selector Switch	RCP2BD32	187
3 Way Selector for SPP (Auto / Manual / Bypass)	ELSP0006	260
Mounting Kit	LA7D4054	374
Indicating Lamp 230V Coloured RED	ELIL0001	130
PB Actuator with Carrier without Element Green	RCB2BA3	60
PB Actuator with Carrier without Element Red	RCB2BA4	
Push Button Mushroom Head	RB2BS54	135
Contactor Extension Block for SDS	EXT01	150
Relay Extension Block for SDS	EXT02	
Contactor 63A	LC1D633	7800
Contactor 80A	LC1D803	9600
Contactor 115A	LC1FDP115A	15300
Single Contact (20A)		POR
Single Contact (25A)		
Single Contact (40A)		
Fixed Current Relay	TR11CB6310	120



Start Capacitor



Run Capacitor



Stop Push Button



Start Push Button



Contact Element 1NO



Contact Element 1NC



Voltage Selector Switch



MCB - SP



MCB - TP



Add On Block



PB Actuator with carrier



Push Button Mushroom Head



Final Power Distribution Components



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



C&S MCB & RCCB CREATING A SAFER TOMORROW.

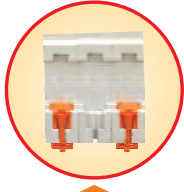
MCB

- WIDE RANGE**
0.5A~125A | B,C,D Curve | 1P, 2P, 3P, 3P+N, 4P
- 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

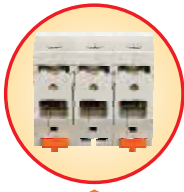
RCCB

- WIDE RANGE**
10A~100A | 30mA, 100mA, 300mA | 2P, 4P
- SAFE**
IP20 | Isolation | Fire Retardant Molded-case
- CONVENIENT**
Dual Termination
- FAST RESPONSE**
Instantaneous Trip < 40ms
- HIGH PERFORMANCE**
Voltage Independent | No Nuisance Tripping

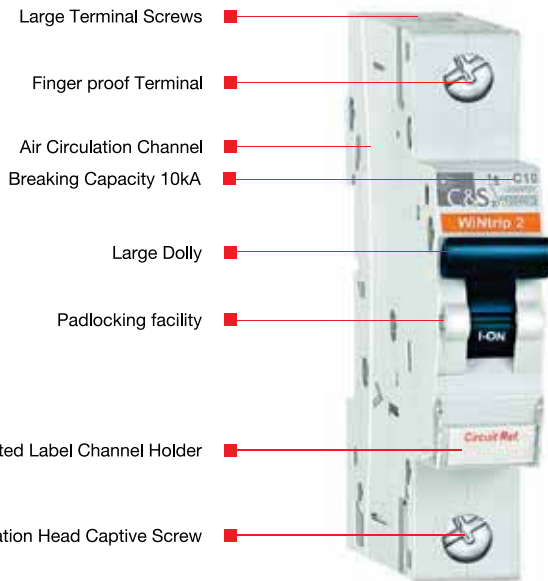


WiNtrip2 Miniature Circuit Breaker


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.)
1 Pole			
6	CSMBS1B6	200	12
10	CSMBS1B10	200	
16	CSMBS1B16	200	
20	CSMBS1B20	200	
25	CSMBS1B25	200	
32	CSMBS1B32	200	
40	CSMBS1B40	435	
50	CSMBS1B50	500	
63	CSMBS1B63	500	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
6	CSMBS3B6	977	4
10	CSMBS3B10	977	
16	CSMBS3B16	977	
20	CSMBS3B20	977	
25	CSMBS3B25	977	
32	CSMBS3B32	977	
40	CSMBS3B40	1489	
50	CSMBS3B50	1489	
63	CSMBS3B63	1489	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole + N			
6	CSMBS1B6N	603	6
10	CSMBS1B10N	603	
16	CSMBS1B16N	603	
20	CSMBS1B20N	603	
25	CSMBS1B25N	603	
32	CSMBS1B32N	603	
40	CSMBS1B40N	862	
50	CSMBS1B50N	996	
63	CSMBS1B63N	996	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole + N			
6	CSMBS3B6N	1272	3
10	CSMBS3B10N	1272	
16	CSMBS3B16N	1272	
20	CSMBS3B20N	1272	
25	CSMBS3B25N	1272	
32	CSMBS3B32N	1272	
40	CSMBS3B40N	1726	
50	CSMBS3B50N	1917	
63	CSMBS3B63N	1917	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
6	CSMBS2B6	662	6
10	CSMBS2B10	662	
16	CSMBS2B16	662	
20	CSMBS2B20	662	
25	CSMBS2B25	662	
32	CSMBS2B32	662	
40	CSMBS2B40	939	
50	CSMBS2B50	1099	
63	CSMBS2B63	1099	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
6	CSMBS4B6	1400	3
10	CSMBS4B10	1400	
16	CSMBS4B16	1400	
20	CSMBS4B20	1400	
25	CSMBS4B25	1400	
32	CSMBS4B32	1400	
40	CSMBS4B40	1868	
50	CSMBS4B50	2002	
63	CSMBS4B63	2002	

WiNtrip2 Miniature Circuit Breaker

C-Series

Inductive load with surge current - Motor Circuit Applications

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
0.5	CSMBS1C0.5	340	12
1	CSMBS1C1	340	
2	CSMBS1C2	340	
3	CSMBS1C3	340	
4	CSMBS1C4	340	
5	CSMBS1C5	340	
6	CSMBS1C6	208	
10	CSMBS1C10	208	
16	CSMBS1C16	208	
20	CSMBS1C20	208	
25	CSMBS1C25	208	
32	CSMBS1C32	208	
40	CSMBS1C40	474	
50	CSMBS1C50	518	
63	CSMBS1C63	518	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
0.5	CSMBS3C0.5	1317	4
1	CSMBS3C1	1317	
2	CSMBS3C2	1317	
3	CSMBS3C3	1317	
4	CSMBS3C4	1317	
5	CSMBS3C5	1317	
6	CSMBS3C6	1093	
10	CSMBS3C10	1093	
16	CSMBS3C16	1093	
20	CSMBS3C20	1093	
25	CSMBS3C25	1093	
32	CSMBS3C32	1093	
40	CSMBS3C40	1589	
50	CSMBS3C50	1690	
63	CSMBS3C63	1690	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole + N			
0.5	CSMBS1C0.5N	908	6
1	CSMBS1C1N	908	
2	CSMBS1C2N	908	
3	CSMBS1C3N	908	
4	CSMBS1C4N	908	
5	CSMBS1C5N	908	
6	CSMBS1C6N	640	
10	CSMBS1C10N	640	
16	CSMBS1C16N	640	
20	CSMBS1C20N	640	
25	CSMBS1C25N	640	
32	CSMBS1C32N	640	
40	CSMBS1C40N	930	
50	CSMBS1C50N	1050	
63	CSMBS1C63N	1050	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole + N			
0.5	CSMBS3C0.5N	1701	3
1	CSMBS3C1N	1701	
2	CSMBS3C2N	1701	
3	CSMBS3C3N	1701	
4	CSMBS3C4N	1701	
5	CSMBS3C5N	1701	
6	CSMBS3C6N	1385	
10	CSMBS3C10N	1385	
16	CSMBS3C16N	1385	
20	CSMBS3C20N	1385	
25	CSMBS3C25N	1385	
32	CSMBS3C32N	1385	
40	CSMBS3C40N	1856	
50	CSMBS3C50N	1998	
63	CSMBS3C63N	1998	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
0.5	CSMBS2C0.5	956	6
1	CSMBS2C1	956	
2	CSMBS2C2	956	
3	CSMBS2C3	956	
4	CSMBS2C4	956	
5	CSMBS2C5	956	
6	CSMBS2C6	689	
10	CSMBS2C10	689	
16	CSMBS2C16	689	
20	CSMBS2C20	689	
25	CSMBS2C25	689	
32	CSMBS2C32	689	
40	CSMBS2C40	1030	
50	CSMBS2C50	1167	
63	CSMBS2C63	1167	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
0.5	CSMBS4C0.5	1812	3
1	CSMBS4C1	1812	
2	CSMBS4C2	1812	
3	CSMBS4C3	1812	
4	CSMBS4C4	1812	
5	CSMBS4C5	1812	
6	CSMBS4C6	1540	
10	CSMBS4C10	1540	
16	CSMBS4C16	1540	
20	CSMBS4C20	1540	
25	CSMBS4C25	1540	
32	CSMBS4C32	1540	
40	CSMBS4C40	2061	
50	CSMBS4C50	2222	
63	CSMBS4C63	2222	

WiNtrip2 Miniature Circuit Breaker

D-Series

High Inductive Load & High Inrush Current

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
0.5	☒ CSMBS1D0.5	370	12
1	☒ CSMBS1D1	370	
2	☒ CSMBS1D2	370	
3	☒ CSMBS1D3	370	
4	☒ CSMBS1D4	370	
5	☒ CSMBS1D5	370	
6	☒ CSMBS1D6	307	
10	☒ CSMBS1D10	307	
16	☒ CSMBS1D16	307	
20	☒ CSMBS1D20	307	
25	☒ CSMBS1D25	307	
32	☒ CSMBS1D32	307	
40	☒ CSMBS1D40	527	
50	☒ CSMBS1D50	600	
63	☒ CSMBS1D63	600	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
0.5	☒ CSMBS3D0.5	1430	4
1	☒ CSMBS3D1	1430	
2	☒ CSMBS3D2	1430	
3	☒ CSMBS3D3	1430	
4	☒ CSMBS3D4	1430	
5	☒ CSMBS3D5	1430	
6	☒ CSMBS3D6	1126	
10	☒ CSMBS3D10	1126	
16	☒ CSMBS3D16	1126	
20	☒ CSMBS3D20	1126	
25	☒ CSMBS3D25	1126	
32	☒ CSMBS3D32	1126	
40	☒ CSMBS3D40	1714	
50	☒ CSMBS3D50	1812	
63	☒ CSMBS3D63	1812	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole + N			
0.5	☒ CSMBS1D0.5N	913	6
1	☒ CSMBS1D1N	913	
2	☒ CSMBS1D2N	913	
3	☒ CSMBS1D3N	913	
4	☒ CSMBS1D4N	913	
5	☒ CSMBS1D5N	913	
6	☒ CSMBS1D6N	724	
10	☒ CSMBS1D10N	724	
16	☒ CSMBS1D16N	724	
20	☒ CSMBS1D20N	724	
25	☒ CSMBS1D25N	724	
32	☒ CSMBS1D32N	724	
40	☒ CSMBS1D40N	1071	
50	☒ CSMBS1D50N	1163	
63	☒ CSMBS1D63N	1163	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole + N			
0.5	☒ CSMBS3D0.5N	1839	3
1	☒ CSMBS3D1N	1839	
2	☒ CSMBS3D2N	1839	
3	☒ CSMBS3D3N	1839	
4	☒ CSMBS3D4N	1839	
5	☒ CSMBS3D5N	1839	
6	☒ CSMBS3D6N	1688	
10	☒ CSMBS3D10N	1688	
16	☒ CSMBS3D16N	1688	
20	☒ CSMBS3D20N	1688	
25	☒ CSMBS3D25N	1688	
32	☒ CSMBS3D32N	1688	
40	☒ CSMBS3D40N	1869	
50	☒ CSMBS3D50N	1989	
63	☒ CSMBS3D63N	1989	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
0.5	☒ CSMBS2D0.5	970	6
1	☒ CSMBS2D1	970	
2	☒ CSMBS2D2	970	
3	☒ CSMBS2D3	970	
4	☒ CSMBS2D4	970	
5	☒ CSMBS2D5	970	
6	☒ CSMBS2D6	778	
10	☒ CSMBS2D10	778	
16	☒ CSMBS2D16	778	
20	☒ CSMBS2D20	778	
25	☒ CSMBS2D25	778	
32	☒ CSMBS2D32	778	
40	☒ CSMBS2D40	1126	
50	☒ CSMBS2D50	1188	
63	☒ CSMBS2D63	1188	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
0.5	☒ CSMBS4D0.5	1885	3
1	☒ CSMBS4D1	1885	
2	☒ CSMBS4D2	1885	
3	☒ CSMBS4D3	1885	
4	☒ CSMBS4D4	1885	
5	☒ CSMBS4D5	1885	
6	☒ CSMBS4D6	1733	
10	☒ CSMBS4D10	1733	
16	☒ CSMBS4D16	1733	
20	☒ CSMBS4D20	1733	
25	☒ CSMBS4D25	1733	
32	☒ CSMBS4D32	1733	
40	☒ CSMBS4D40	2107	
50	☒ CSMBS4D50	2351	
63	☒ CSMBS4D63	2351	

☒ Non Stockable item

WiNtrip2 Miniature Circuit Breaker
DC-Series

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
0.5	☒ CSMBBS1DC0.5	433	12
1	☒ CSMBBS1DC1	433	
2	☒ CSMBBS1DC2	433	
3	☒ CSMBBS1DC3	433	
4	☒ CSMBBS1DC4	433	
5	☒ CSMBBS1DC5	433	
6	☒ CSMBBS1DC6	380	
10	☒ CSMBBS1DC10	380	
16	☒ CSMBBS1DC16	380	
20	☒ CSMBBS1DC20	380	
25	☒ CSMBBS1DC25	380	
32	☒ CSMBBS1DC32	380	
40	☒ CSMBBS1DC40	542	
50	☒ CSMBBS1DC50	629	
63	☒ CSMBBS1DC63	629	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
0.5	☒ CSMBBS2DC0.5	1012	6
1	☒ CSMBBS2DC1	1012	
2	☒ CSMBBS2DC2	1012	
3	☒ CSMBBS2DC3	1012	
4	☒ CSMBBS2DC4	1012	
5	☒ CSMBBS2DC5	1012	
6	☒ CSMBBS2DC6	785	
10	☒ CSMBBS2DC10	785	
16	☒ CSMBBS2DC16	785	
20	☒ CSMBBS2DC20	785	
25	☒ CSMBBS2DC25	785	
32	☒ CSMBBS2DC32	785	
40	☒ CSMBBS2DC40	1146	
50	☒ CSMBBS2DC50	1294	
63	☒ CSMBBS2DC63	1294	

Accessories (Site fit-able)

Description	Product Code	Suitable for MCB
Auxiliary Contact 1NO/1NC	CSMBAXSF-W2	WiNtrip2
Applicable Voltage: 12V DC, 24V DC, 48V DC & 240V A		

Accessories (Site fit-able)

[HSN Code: 8538]

Description	Product Code	MRP (₹)
Shunt Trip		
☒ 12V DC	CSMBBS012SF	POR
☒ 24V DC	CSMBBS024SF	
☒ 48V DC	CSMBBS048SF	
☒ 110V AC	CSMBBS110SF	POR
☒ 220V AC	CSMBBS220SF	

Higher Rating Miniature Circuit Breakers

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
80	CSMBH1C80	POR	3
100	CSMBH1C100		
125	CSMBH1C125		
2 Pole			
80	CSMBH2C80	POR	3
100	CSMBH2C100		
125	CSMBH2C125		

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
80	CSMBH3C80	POR	1
100	CSMBH3C100		
125	CSMBH3C125		
4 Pole			
80	CSMBH4C80	POR	1
100	CSMBH4C100		
125	CSMBH4C125		

Accessories for Higher Rating MCB (Site fit-able)

[HSN Code: 8538]

Description	Product Code	MRP (₹)
Auxiliary Contact		
☒ 1NO/1NC	CSMBHAXSF	POR
Applicable Voltage: 12V DC, 24V DC, 48V DC & 230V-500V AC		

Description	Product Code	MRP (₹)
Shunt Trip		
☒ 12V DC	CSMBHS012SF	POR
☒ 24V DC	CSMBHS024SF	
☒ 48V DC	CSMBHS048SF	
☒ 110V AC	CSMBHS110SF	POR
☒ 240V AC	CSMBHS240SF	

☒ Non Stockable item

WiNtrip2 Isolator

[HSN Code: 8536]



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
1 Pole			
25	CSMBS1ISO25	230	12
40	CSMBS1ISO40	304	
63	CSMBS1ISO63	339	
80	CSMBS1ISO80	376	
100	CSMBS1ISO100	435	
125	CSMBS1ISO125	516	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
3 Pole			
25	CSMBS3ISO25	703	4
40	CSMBS3ISO40	817	
63	CSMBS3ISO63	910	
80	CSMBS3ISO80	1047	
100	CSMBS3ISO100	1059	
125	CSMBS3ISO125	1127	



Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole			
25	CSMBS2ISO25	385	6
40	CSMBS2ISO40	425	
63	CSMBS2ISO63	539	
80	CSMBS2ISO80	680	
100	CSMBS2ISO100	686	
125	CSMBS2ISO125	769	

Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole			
25	CSMBS4ISO25	760	3
40	CSMBS4ISO40	936	
63	CSMBS4ISO63	1026	
80	CSMBS4ISO80	1274	
100	CSMBS4ISO100	1274	
125	CSMBS4ISO125	1404	

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

WiNtrip MCB Type Changeover Switch

[HSN Code: 8536]



Description	Pole	Rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
2 Pole					
Two way centre OFF Changeover Switch	2	25	CSCOS2P25A	1320	6
Two way centre OFF Changeover Switch	2	40	CSCOS2P40A	1963	
Two way centre OFF Changeover Switch	2	63	CSCOS2P63A	2277	

[HSN Code: 8536]



Description	Pole	Rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
4 Pole					
Two way centre OFF Changeover Switch	4	25	CSCOS4P25A	2474	3
Two way centre OFF Changeover Switch	4	40	CSCOS4P40A	3709	
Two way centre OFF Changeover Switch	4	63	CSCOS4P63A	3981	

SmartSol Mini MCB DP

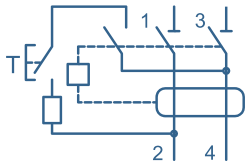
[HSN Code: 8536]



Description	Current rating (Amps.)	Reference	MRP (₹)
DP "C" 6-32A Mini MCB with Enclosure	6-32	CSMBSS2C6-32*	450
SPN "C" 6-32A Mini MCB with Enclosure	6-32	CSMBSS1C6-32*N	440

WiNtrip Residual Current Circuit Breaker


2 Pole, 30mA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB2P10A30	2458	6
16	CSRB2P16A30	2460	
20	CSRB2P20A30	2468	
25	CSRB2P25A30	2544	
32	CSRB2P32A30	2600	
40	CSRB2P40A30	2614	
63	CSRB2P63A30	3498	
80	CSRB2P80A30	5214	
100	CSRB2P100A30	5238	



2 Pole, 100mA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB2P10A100	2458	6
16	CSRB2P16A100	2460	
20	CSRB2P20A100	2468	
25	CSRB2P25A100	2544	
32	CSRB2P32A100	2600	
40	CSRB2P40A100	2614	
63	CSRB2P63A100	3498	
80	CSRB2P80A100	5214	
100	CSRB2P100A100	5238	



Test Button

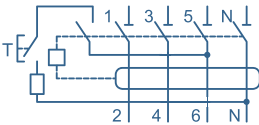


Bi-connect Terminals

2 Pole, 300mA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB2P10A300	2458	6
16	CSRB2P16A300	2460	
20	CSRB2P20A300	2468	
25	CSRB2P25A300	2549	
32	CSRB2P32A300	2600	
40	CSRB2P40A300	2849	
63	CSRB2P63A300	3572	
80	CSRB2P80A300	5214	
100	CSRB2P100A300	5238	

Note: Rating from 16A to 63A conforms to IS12640-1-2008 and as ISI marked

WiNtrip Residual Current Circuit Breaker



Test Button

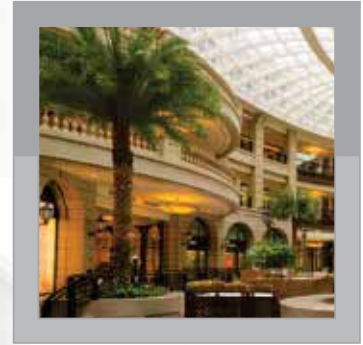


Bi-connect Terminals

4 Pole, 30mA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB4P10A30	3071	3
16	CSRB4P16A30	3091	
20	CSRB4P20A30	3111	
25	CSRB4P25A30	3263	
32	CSRB4P32A30	3277	
40	CSRB4P40A30	3345	
63	CSRB4P63A30	3800	
80	CSRB4P80A30	5748	
100	CSRB4P100A30	5895	

4 Pole, 100mA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB4P10A100	3071	3
16	CSRB4P16A100	3091	
20	CSRB4P20A100	3111	
25	CSRB4P25A100	3263	
32	CSRB4P32A100	3277	
40	CSRB4P40A100	3345	
63	CSRB4P63A100	3800	
80	CSRB4P80A100	5748	
100	CSRB4P100A100	5895	

4 Pole, 300mA			[HSN Code: 8536]
Current rating (Amps.)	Product Code	MRP (₹)	Std. Pkg. (Nos.)
10	CSRB4P10A300	3071	3
16	CSRB4P16A300	3091	
20	CSRB4P20A300	3111	
25	CSRB4P25A300	3392	
32	CSRB4P32A300	3277	
40	CSRB4P40A300	3534	
63	CSRB4P63A300	3800	
80	CSRB4P80A300	5748	
100	CSRB4P100A300	5895	



C&S Distribution Board

[HSN Code: 8537]

Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
SPN Distribution Board			
04 WAY SPN Single Door	CSDBSPNPSD04	4	637
06 WAY SPN Single Door	CSDBSPNPSD06	6	653
08 WAY SPN Single Door	CSDBSPNPSD08	8	805
12 WAY SPN Single Door	CSDBSPNPSD12	12	1055
16 WAY SPN Single Door	CSDBSPNPSD16	16	1353
SPN Distribution Board			
04 WAY SPN Double Door	CSDBSPNPDD04	4	1071
06 WAY SPN Double Door	CSDBSPNPDD06	6	1092
08 WAY SPN Double Door	CSDBSPNPDD08	8	1296
10 WAY SPN Double Door	CSDBSPNPDD10	10	1348
12 WAY SPN Double Door	CSDBSPNPDD12	12	1735
16 WAY SPN Double Door	CSDBSPNPDD16	16	2221
TPN-Horizontal Distribution Board			
04 WAY TPNH Single Door	CSDBTPNHPSD04	8+12	2064
06 WAY TPNH Single Door	CSDBTPNHPSD06	8+18	2477
08 WAY TPNH Single Door	CSDBTPNHPSD08	8+24	2717
12 WAY TPNH Single Door	CSDBTPNHPSD12	8+36	3621
TPN-Horizontal Distribution Board			
04 WAY TPNH Double Door	CSDBTPNHPPDD04	8+12	2795
06 WAY TPNH Double Door	CSDBTPNHPPDD06	8+18	3486
08 WAY TPNH Double Door	CSDBTPNHPPDD08	8+24	4326
12 WAY TPNH Double Door	CSDBTPNHPPDD12	8+36	6197



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	693
2+08 Way Single Door	CSDBSPNSD08S	2+08	853
2+12 Way Single Door	CSDBSPNSD12S	2+12	1154
2+14 Way Single Door	CSDBSPNSD16S	2+14	1439
2+04 Way Double Door	CSDBSPNDD04S	2+04	1139
2+08 Way Double Door	CSDBSPNDD08S	2+08	1413
2+12 Way Double Door	CSDBSPNDD12S	2+12	1851
2+14 Way Double Door	CSDBSPNDD16S	2+14	2378
TPN WiNclass Distribution Board			
04 Way Single Door DB	CSDBTPNHSD04S	8+12	2201
06 Way Single Door DB	CSDBTPNHSD06S	8+18	2637
08 Way Single Door DB	CSDBTPNHSD08S	8+24	2896
12 Way Single Door DB	CSDBTPNHSD12S	8+36	3826
16 Way Single Door DB	CSDBTPNHSD16S	8+48	4793
04 Way Double Door DB	CSDBTPNHDD04SN	4+12	2957
04 Way Double Door DB	CSDBTPNHDD04S	8+12	2973
06 Way Double Door DB	CSDBTPNHDD06S	8+18	3723
08 Way Double Door DB	CSDBTPNHDD08S	8+24	4647
12 Way Double Door DB	CSDBTPNHDD12S	8+36	6623
16 Way Double Door DB	CSDBTPNHDD16S	8+48	8349

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	969
08 Way Single Door	CSDBSPNSD08	8	1224
12 Way Single Door	CSDBSPNSD12	12	1453
16 Way Single Door	CSDBSPNSD16	16	1817
04 Way Double Door	CSDBSPNDD04	4	1366
08 Way Double Door	CSDBSPNDD08	8	1707
12 Way Double Door	CSDBSPNDD12	12	2055
16 Way Double Door	CSDBSPNDD16	16	2583
TPN Distribution Board - Horizontal			
04 Way Single Door	CSDBTPNHSD04	8+12	2597
06 Way Single Door	CSDBTPNHSD06	8+18	3251
08 Way Single Door	CSDBTPNHSD08	8+24	3866
12 Way Single Door	CSDBTPNHSD12	8+36	5657
16 Way Single Door	CSDBTPNHSD16	8+48	6913
04 Way Double Door	CSDBTPNHDD04	8+12	3446
06 Way Double Door	CSDBTPNHDD06	8+18	4260
08 Way Double Door	CSDBTPNHDD08	8+24	5103
12 Way Double Door	CSDBTPNHDD12	8+36	7609
16 Way Double Door	CSDBTPNHDD16	8+48	9302



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	949
SPN WC 08 WAY SD WITH ACRYLIC DOOR	CSDBSPNSDCA08	8	1064
SPN WC 12 WAY SD WITH ACRYLIC DOOR	CSDBSPNSDCA12	12	1371
SPN WC 16 WAY SD WITH ACRYLIC DOOR	CSDBSPNSDCA16	16	1743

WiNtrip Distribution Board



PPI Distribution Board			
Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
4 Way Double Door	CSDBTPNPPIDD04	8+6+12	5128
6 Way Double Door	CSDBTPNPPIDD06	8+6+18	6411
8 Way Double Door	CSDBTPNPPIDD08	8+6+24	7776
12 Way Double Door	CSDBTPNPPIDD12	8+6+36	8993



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	CSDBPHSDD04RS63	10613	
6 Way DD with 63A Rotary Switch	CSDBPHSDD06RS63	10859	
8 Way DD with 63A Rotary Switch	CSDBPHSDD08RS63	11979	
12 Way DD with 63A Rotary Switch	CSDBPHSDD12RS63	13272	
4 Way DD with 40A Rotary Switch	CSDBPHSDD04RS40	10625	
6 Way DD with 40A Rotary Switch	CSDBPHSDD06RS40	10668	
8 Way DD with 40A Rotary Switch	CSDBPHSDD08RS40	12133	
12Way DD with 40A Rotary Switch	CSDBPHSDD12RS40	13053	
4 Way DD without Rotary Switch	CSDBPHSDD04	9299	
6 Way DD without Rotary Switch	CSDBPHSDD06	9074	
8 Way DD without Rotary Switch	CSDBPHSDD08	10236	
12 Way DD without Rotary Switch	CSDBPHSDD12	11691	



VTPN Distribution Board (with provision for WiNtrip MCB)			[HSN Code: 8537]
Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
4 way Double Door	CSDBTPNVDD04	8+12	8068
6 way Double Door	CSDBTPNVDD06	8+18	9237
8 way Double Door	CSDBTPNVDD08	8+24	10215
12 way Double Door	CSDBTPNVDD12	8+36	13687



VTPN 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	8068
6 way Double Door	CSDBTPNVDD06S	8+18	9237
8 way Double Door	CSDBTPNVDD08S	8+24	10215
12 way Double Door	CSDBTPNVDD12S	8+36	13687

VTPN Distribution Board (with provision for MCCB as incomer & WiNtrip MCB as outgoing)			[HSN Code: 8537]
Description	Product Code	MRP (₹)	
MCCB as incomer 100A DD04 Way IP43	CSDBMCCB100DD04IP43	9675	
MCCB as incomer 100A DD08 Way IP43	CSDBMCCB100DD08IP43	12291	
MCCB as incomer 100A DD12 Way IP43	CSDBMCCB100DD12IP43	16409	
MCCB as incomer 250A DD04 Way IP43	CSDBMCCB225DD04IP43	17175	
MCCB as incomer 250A DD08 Way IP43	CSDBMCCB225DD08IP43	20211	
MCCB as incomer 250A DD12 Way IP43	CSDBMCCB225DD12IP43	21109	

VTPN Distribution Board (with provision for MCCB as incomer & WiNtrip2 MCB as outgoing)			[HSN Code: 8537]
Description	Product Code	MRP (₹)	
MCCB as incomer 100A DD04 Way IP43	CSDBMCCB100DD04IP43S	9675	
MCCB as incomer 100A DD08 Way IP43	CSDBMCCB100DD08IP43S	12291	
MCCB as incomer 100A DD12 Way IP43	CSDBMCCB100DD12IP43S	16409	
MCCB as incomer 250A DD04 Way IP43	CSDBMCCB225DD04IP43S	17175	
MCCB as incomer 250A DD08 Way IP43	CSDBMCCB225DD08IP43S	20211	
MCCB as incomer 250A DD12 Way IP43	CSDBMCCB225DD12IP43S	21109	

WiNtrip Distribution Board



MCCB Selection Guide				
Description	Product Code	Product Code	Type/ Breaking Capacity Ics=100%Icu	MCCB Rating
CS2A3* CS2A4* CSC1S3* CSC1S4* CSC2N3* CSC2N4*	CSDBMCCB100DD04IP43	CSDBMCCB100DD04IP43S	CS2A=10kA CSC1S=18kA CSC2N=18kA	15, 20, 30, 40, 50, 60, 75 & 100A
	CSDBMCCB100DD08IP43	CSDBMCCB100DD08IP43S		
	CSDBMCCB100DD12IP43	CSDBMCCB100DD12IP43S		
CSC4N3* CSC4N4* CSC4S3* CSC4S4*	CSDBMCCB225DD04IP43	CSDBMCCB225DD04IP43S	CSC4N=26kA	100, 125, 150, 175 200 & 250A
	CSDBMCCB225DD08IP43	CSDBMCCB225DD08IP43S		
	CSDBMCCB225DD12IP43	CSDBMCCB225DD12IP43S	CSC4S=37kA	150, 175, 200 & 250A

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	CSDB7SEGDD04	8+12+12	8312
	CSDB7SEGDD06	8+12+18	9368
	CSDB7SEGDD08	8+12+24	10460
	CSDB7SEGDD12	8+12+36	13295

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	4380
FLEXI DD DB 3 ROW 13 MODULES	CSDBFLDD3R13	5162
FLEXI DD DB 4 ROW 13 MODULES	CSDBFLDD4R13	5706

*Without Wire bunch



Double Door DB (with Acrylic Window) [HSN Code: 8537]		
Description	Product Code	MRP (₹)
SPN Distribution Board Double Door 4 Way	CSDBSPNDDA2+04	1436
SPN Distribution Board Double Door 8 Way	CSDBSPNDDA2+08	1686
SPN Distribution Board Double Door 12 Way	CSDBSPNDDA2+12	2048
SPN Distribution Board Double Door 16 Way	CSDBSPNDDA2+14	2533



WiNtrip Telephone & Television Socket Distribution Board		
TPNH Cable End Box Double Door Distribution Board [HSN Code: 8537]		
Description	Product Code	MRP (₹)
SPN 04 way Tel & TV Socket DB (2+4)	CSDBSPNDDTELTV04	2741
SPN 06 way Tel & TV Socket DB (2+6)	CSDBSPNDDTELTV06	2907
SPN 08 way Tel & TV Socket DB (2+8)	CSDBSPNDDTELTV08	3085
SPN 10 way Tel & TV Socket DB (2+10)	CSDBSPNDDTELTV10	3282
SPN 12 way Tel & TV Socket DB (2+12)	CSDBSPNDDTELTV12	3657
SPN 14 way Tel & TV Socket DB (2+14)	CSDBSPNDDTELTV14	3771
TPN 04 way Tel & TV Socket DB (8+12)	CSDBTPNDDTELTV04	4548
TPN 06 way Tel & TV Socket DB (8+18)	CSDBTPNDDTELTV06	5219
TPN 08 way Tel & TV Socket DB (8+24)	CSDBTPNDDTELTV08	6019
TPN 12 way Tel & TV Socket DB (8+36)	CSDBTPNDDTELTV12	7839

C&S Distribution Board



SPN Distribution Board			[HSN Code: 8537]
Description	Product Code	No. of Modules (Incomer+Outgoing)	MRP (₹)
4 way Double Door	CSDBSPNFDD04	4	POR
8 way Double Door	CSDBSPNFDD08	8	
12 way Double Door	CSDBSPNFDD12	12	
16 way Double Door	CSDBSPNFDD16	16	
TPN Horizontal Distribution Board			
4 way Double Door	CSDBTPNHFDD04	8+12	POR
6 way Double Door	CSDBTPNHFDD06	8+18	
8 way Double Door	CSDBTPNHFDD08	8+24	
12 way Double Door	CSDBTPNHFDD12	8+36	
TPN Vertical Distribution Board			
4 way Double Door	CSDBTPNVFDD04	8+12	POR
6 way Double Door	CSDBTPNVFDD06	8+18	
8 way Double Door	CSDBTPNVFDD08	8+24	
12 way Double Door	CSDBTPNVFDD12	8+36	



WiNtrip Cable End Box			[HSN Code: 8537]
Description	Product Code	MRP (₹)	
SPN Cable End Box			
SPN 4 Way	CSDBCBSPNDD04	POR	
SPN 8 Way	CSDBCBSPNDD08	POR	
SPN 12 Way	CSDBCBSPNDD12	POR	
SPN 16 Way	CSDBCBSPNDD16	POR	
TPNH Cable End Box			
TPNH 4 way	CSDBCBTPNHDD04	841	
TPNH 6 way	CSDBCBTPNHDD06	1002	
TPNH 8 way	CSDBCBTPNHDD08	1197	
TPNH 12 way	CSDBCBTPNHDD12	1719	
TPNH 16 way	CSDBCBTPNHDD16	1786	
TPNV Cable End Box			
TPNV 4 way	CSDBCBTPNVDD	1420	
TPNV 8 way	CSDBCBTPNVDD	1420	
TPNV 12 way	CSDBCBTPNVDD	1420	



WiNtrip Plug and Socket DBs (without MCB) [HSN Code: 8537]			
Powder Coated Sheet Metal Deep Drawn DBs with Plug & Socket including insulated Neutral link, adjustable Din Rail and connecting links.			
Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
10Amp SPN	CSDBPSSPN010	875	12
20Amp SPN	CSDBPSSPN020	875	12
20Amp SPN (SP Cutout)	CSDBPSSPN020SP	875	12
20Amp TPN	CSDBPSTPN020	2449	6
30Amp TPN	CSDBPSTPN030	2449	6



WiNtrip Plug and Sockets (Metal Clad) [HSN Code: 8537]			
Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
10Amp SPN Plug	CSDBPSPN010	178	36
10Amp SPN Socket	CSDBSSPN010	178	36
20Amp SPN Plug	CSDBPSPN020	196	36
20Amp SPN Socket	CSDBSSPN020	208	36
20Amp TPN Plug	CSDBPTPN020	244	36
20Amp TPN Socket	CSDBSTPN020	255	36
30Amp TPN Plug	CSDBPTPN030	392	36
30Amp TPN Socket	CSDBSTPN030	392	36



WiNtrip Metal Enclosures (with Din Rail) [HSN Code: 8537]			
For Mounting WiNtrip MCBs / RCCBs / Isolators			
Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
SP Enclosure	CSDBMCBESP	331	24
DP Enclosure	CSDBMCBEDP	331	24
TP Enclosure	CSDBMCBETP	382	12
FP Enclosure	CSDBMCBEFP	382	12



WiNtrip Plastic Enclosure without MCB [HSN Code: 8537]		
Description	Product Code	MRP (₹)
Plastic MCB Enclosure SP&DP/STD	CSDBMCBEPPD	125
Plastic MCB Enclosure TP&FP/STD	CSDBMCBEFPF	175

MCB Enclosure IP55 [HSN Code: 8537]			
4 Pole Enclosure			
Description	Product Code	MRP (₹)	Std. Pkg. (No.s)
MCB Enclosure IP55 04 Way	CSDBEP04	1325	1

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