

# Switchgear Solutions for Excellent Safety and Control.

**Price List 2024**  
(Effective from 01 Jul, 2024)



# ENERGY & POWER MONITORS

THD, TDD,  
TEHD, TOHD,  
K-Factor,  
Crest Factor,  
Harmonics,  
Sag & Swell,  
Power Inter.

W, VA, PF, VAR,  
Wh, Vah, VARh,  
Load Hours,  
Load Efficiency,  
Co2, V2H, A2H,  
NET Energy,  
TOTAL Energy.

VLL, VLN, A, Hz,  
RPM, Angle V/A,  
Unbalance V/A

## Counter Type Energy Meters



GD 3110  
Smart 3E

## VAF + PF Meters



SL 1300

## Ammeter / Voltmeter



SL 13XX



SL X  
SL 3X



SL 3X+

## Frequency Meters



SL Hz



μAlpha Hz

## DC Ammeter / Voltmeter



SL ADC  
SL VDC



μAlpha ADC  
μAlpha VDC

## Branch Circuit Power Monitors



ET 5030

## Dual Source Energy Meters



LG 25XX



LG 25XXD

## DC Energy Meters



EDC 2150  
EDC 2450



EDC 2450X

## Multi-functional Energy Meters



LG 64XX



LG 25XX



μG 1119



LG 25XXD



LG MXX  
IoT XX

## Transducers



TR 1XXX



TR 2XXX



TR 4200



TR 5200

## Isolators



ISO 100



ISO 200

## Class A/S Power Analyzers



PQ 8800



PQ 8500

## Power Quality Monitors



PN 8700



EN 84XX

## Demand Controllers



PN 8700



EN 8400



EN 6400



EN 7500

## Gateways



GW 3000X

**BASIC VAF  
METERING**

**MID-LEVEL ENERGY /  
POWER / PROCESS MONITORING**

**ADVANCED ENERGY /  
POWER MONITORING**

**QUICKLY EXPLORE OUR  
RANGE OF PRODUCTS.**

# SWITCHGEARS, PROTECTION, CONTROL & NETWORKING PRODUCTS.

## Earth Leakage Relay



iELR 300 iELR 200D

## Load Disconnecter



LD 2510D

## Earth Fault Relay



EFR 100

## Smart Meters



PE 5121S PE 5120S

## Prepaid Meters



PE 5121-P PE 5120-P

## Automatic Transfer Switches



Solenoid ATS



ATeS (63A-1600A)

## Manual Transfer Switches



## ACCL



iACCL M3XX iACCL M3XX



iACCL 400 iACCL 400C iACCL M400

## ACB



## MCCB



## Switch Disconnecter



## Overload Relays



## EL-Guard



## Contactors

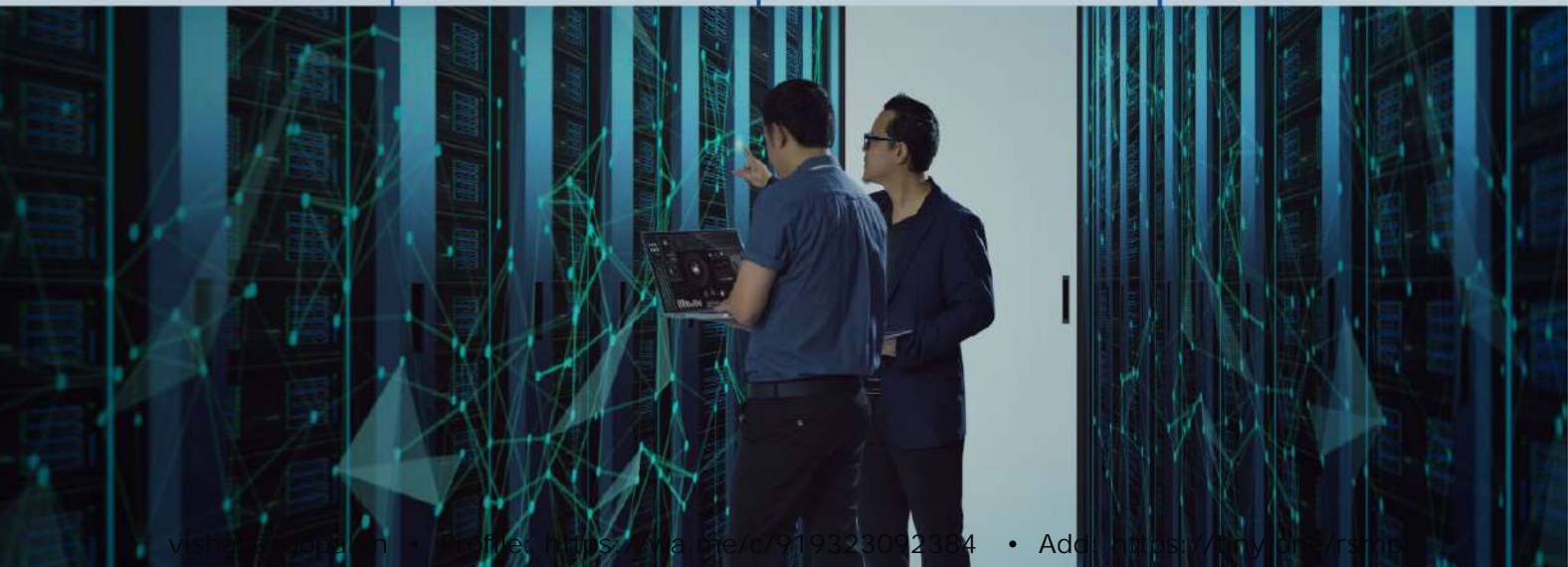


PROTECTION AND CONTROL

UTILITY / REVENUE METERS

SOURCE CHANGEOVER SWITCHES

LOW VOLTAGE SWITCHGEARS





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### Terms & Conditions:

- The prices provided are exclusive of taxes and freight.
- Current GST 18%, subject to change as per Govt. notification.
- Product photographs are shown only for representative purposes.
- All products comes with **18 Months warranty**, unless otherwise specified.
- Contact near by Sales representative for more details.

**1800 120 5048**

info@elmeasure.com | www.elmeasure.com





# LOW VOLTAGE SWITCHGEAR CONTACTORS

9A — 650A  
**WIDE RANGE**  
of AC-3 duty applications

 **IS/IEC 60947-4-1**  
Contactor standards

 **EASY**  
Maintenance



### 3 Pole Power Contactor (AC3)

- Ranges from 9A to 650A (AC3 category)
- Conforms to IS/IEC 60947-4-1 & IEC 60947-4-1
- Spares available for entire range
- Compact design for saving panel space
- Top mounting add-on blocks up to 80A
- High Electromechanical life
- Ambient temperature -20°C to 55°C



### 3 Pole Power Contactor - E3MX

Frame	Model	CAT Code	Rating	Remark	Unit LP - ₹
FR1	E3MX 09	E3MX09B	9A	1 NO	<b>1092/-</b>
	E3MX 12	E3MX12B	12A		<b>1150/-</b>
	E3MX 18	E3MX18B	18A		<b>1288/-</b>
FR2	E3MX 25	E3MX25B	25A	Add on block to be purchase separately	<b>1635/-</b>
	E3MX 32	E3MX32B	32A		<b>2850/-</b>
	E3MX 40	E3MX40B	40A		<b>4350/-</b>
FR3	E3MX 50	E3MX50B	50A		<b>6000/-</b>
	E3MX 70	E3MX70B	70A		<b>8000/-</b>
	E3MX 80	E3MX80B	80A		<b>10100/-</b>
FR4	E3MX 95	E3MX95B	95A	2 NO + 2 NC	<b>12706/-</b>
	E3MX 110	E3MX110B	110A		<b>14000/-</b>
	E3MX 140	E3MX140B	140A		<b>17750/-</b>
FR5	E3MX 185	E3MX185B	185A		<b>23487/-</b>
	E3MX 250	E3MX250B	250A		<b>27207/-</b>
FR6	E3MX 300	E3MX300B	300A		<b>38595/-</b>
	E3MX 400	E3MX400B	400A		<b>52323/-</b>
	E3MX 550	E3MX550B	550A		<b>77774/-</b>
	E3MX 650	E3MX650B	650A		<b>108831/-</b>

**Note:** Coil Voltage Reference Code: B- 240V AC,C\*- 415V AC,D\*-110V AC.

\*C&D available on request.

## 4 Pole Power Contactor (AC1)

- Ranges from 16A-800A
- Conforms to IS/IEC 60947-4-1 & IEC 60947-4-1
- Optional Electro-mechanical Interlock
- High operating ambient temperature
- Reliable operation for Auto Changeover application
- Wide operating band upto 100A AC1
- Designed for continuous duty application



## 4 Pole Power Contactor - E4MX

Frame	Model	CAT code	Rating	Remark	Unit LP - ₹
FR1	E4MX 16	E4MX16B	16A	Addon block to be purchase separately (prices on request)	<b>1107/-</b>
	E4MX 32	E4MX32B	32A		<b>1183/-</b>
	E4MX 40	E4MX40B	40A		<b>1733/-</b>
FR2	E4MX 50	E4MX50B	50A		<b>2615/-</b>
	E4MX 63	E4MX63B	63A		<b>4185/-</b>
	E4MX 80	E4MX80B	80A		<b>6600/-</b>
FR3	E4MX 100	E4MX100B	100A		<b>8950/-</b>
	E4MX 130	E4MX130B	130A		<b>10700/-</b>
FR4	E4MX 160	E4MX160B	160A		<b>17500/-</b>
	E4MX 200	E4MX200B	200A		<b>20900/-</b>
	E4MX 255	E4MX255B	255A	<b>25700/-</b>	
FR5	E4MX 325	E4MX325B	325A	2 NO + 2 NC	<b>49068/-</b>
	E4MX 400	E4MX400B	400A		<b>49631/-</b>
	E4MX 600	E4MX600B	600A		<b>74334/-</b>

**Note:** Coil Voltage Reference Code: B- 240V AC,C\*- 415V AC,D\*-110V AC.

**\*C&D** available on request.



## 4 Pole Power Contactor - Mech. Interlock

Model	CAT Code	Rating	Unit LP - ₹
Mechanical Interlock Kit	E4MXMIL040B	E3MX 9-40A, E4MX 16-40A	<b>282/-</b>
Mechanical Interlock Kit	E4MXMIL063B	E4MX 50-80A	<b>402/-</b>
Mechanical Interlock Kit	E4MXMIL130B	E4MX 100-130A	<b>3640/-</b>
Mechanical Interlock Kit	E4MXMIL200B	E4MX 160-255A	<b>4976/-</b>

## 3 & 4 Pole Power Contactor - Accessories

	Model	CAT Code	Rating	Unit LP - ₹
	Top Add-On Block,2NO,2NC	E3MXTA2NONC	E3MX 9-80A, E4MX 16-130A	530/-
	Top Add-On Block,1NO,1NC	E3MXTA1NONC	E3MX 9-80A, E4MX 16-130A	319/-
	Side Add-On Block,First Left,1NO,1NC	E3MXSAL1NONC	E3MX 9-40A, E4MX 16-40A	529/-
	Side Add-On Block,First Right,1NO,1NC	E3MXSAR1NONC	E3MX 9-40A, E4MX 16-40A	532/-
	Side Add-On Block,Second Left,1NO,1NC	E3MXSA2L1NONC	E3MX 95-650AA, E4MX 160-800A	716/-
	Side Add-On Block,Second Right,1NO,1NC	E3MXSA2R1NONC	E3MX 95-650A, E4MX 160-800A	711/-
	Side Add-On Block,First Left,1NO,1NC	E4MXSAL1NONC	E3MX 50-80A, E4MX 50-130A	655/-
	Side Add-On Block,First Right,1NO,1NC	E4MXSAR1NONC	E3MX 50-80A, E4MX 50-130A	655/-

## 3 & 4 Pole Contactor - Spare Coils

	Model	CAT Code	Rating	Unit LP - ₹
	Sparecoil,240V AC, 50Hz	EXSC0940	E3MX 9-40A, E4MX 16-40A	431/-
		EXSC5080	E3MX 50-80A	1162/-
		EXSC3234	E3MX 95-140A, E4MX 160-255A	2782/-
		EXSC185250	E3MX 185-250A	5502/-
		EXSC300400	E3MX 300-400A, E4MX 325-500A	8028/-
		EXSC550650	E3MX 550-600A, E4MX 600-800A	17193/-
		EXSC01113	E4MX 50-80A	640/-
		EXSC02223	E4MX 100-130A	1377/-
	Sparecoil,415V AC, 50Hz	EXSC0940C	E3MX 9-40A, E4MX 16-40A	489/-
		EXSC5080C	E3MX 50-80A	1377/-
		EXSC3234C	E3MX 95-140A, E4MX 160-255A	2331/-
		EXSC185250C	E3MX 185-250A	4724/-
		EXSC300400C	E3MX 300-400A, E4MX 325-500A	9303/-
		EXSC550650C	E3MX 550-600A, E4MX 600-800A	19129/-
		EXSC01113C	E4MX 50-80A	657/-
		EXSC02223C	E4MX 100-130A	1416/-

**Note:** Coil Voltage Reference Code: C\*- 415V AC,D\*-110V AC.

\*C&D available on request.





## Capacitive Duty Contactors


- Ranges from 5 -100 kVAr
- Conforms to IS/IEC 60947-4-1 & IEC 60947-4-1
- Delatching type early make contacts
- Low pick-up VA consumption
- Damping resistors provide protection from inrush current during switching
- Suitable for Lug and lugless termination
- High withstand capacity contacts
- RoHS Compliant




## Capacitive Duty Contactors - E3MO

	Frame	Model	CAT Code	Rating	Remark	Unit LP - ₹
	FR1	E3MO 5	E3MO5B	5 kVAr	1NO	2098/-
		E3MO 8.5	E3MO8.5B	8.5 kVAr	1NO	2415/-
		E3MO 10	E3MO10B	10 kVAr	1NO	2510/-
		E3MO 12.5	E3MO12.5B	12.5 kVAr	1NO	2719/-
		E3MO 15	E3MO15B	15 kVAr	1NO	3664/-
		E3MO 20	E3MO20B	20 kVAr	1NO	3868/-
		E3MO 25	E3MO25B	25 kVAr	1NO	4050/-
	FR2	E3MO 30	E3MO30B	30 kVAr	1NO	6050/-
		E3MO 40	E3MO40B	40 kVAr	1NO	10100/-
		E3MO 50	E3MO50B	50 kVAr	1NO	10700/-
	FR3	E3MO 60	E3MO60B	60 kVAr	1NO	12200/-
		E3MO 75	E3MO75B	75 kVAr	1NO	14400/-
		E3MO 85	E3MO85B	85 kVAr	1NO	16300/-
		E3MO 100	E3MO100B	100 kVAr	1NO	16800/-

## Capacitive Duty Contactors - Accessories

	Model	CAT Code	Rating	Unit LP - ₹
	Side Add-On Block,First Left,1NO,1NC	E3MOSAL1NONC	E3MO 3-100 kvar	610/-
	Side Add-On Block,First Right,1NO,1NC	E3MOSAR1NONC	E3MO 3-100 kvar	609/-

## Add-on block for Auxiliary Contactor

	Model	CAT Code	Rating	Unit LP - ₹
	Top Add-On Block	EACTA4NC	EX0,4NC	550/-
		EACTA1NO3NC	EX0,1NO3NC	589/-
		EACTA4NO	EX0,4NO	517/-
		EACTA2NONC	EX0,2NONC	535/-

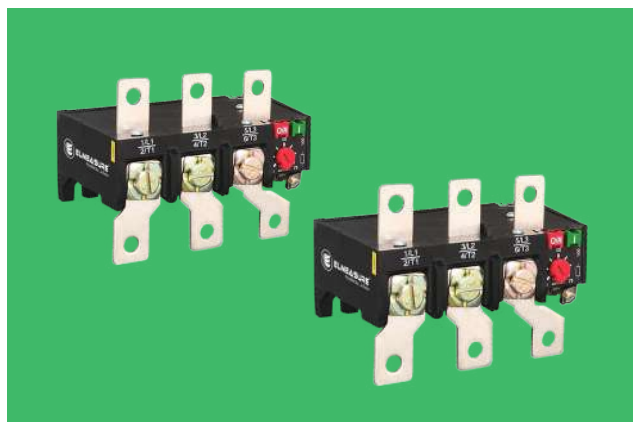
## Auxiliary Contactors

Model	CAT Code	Rating	Unit LP - ₹
2NO+2NC	EACBA2NONC	4A/240VAC	1238/-
4NO	EACBA4NO	4A/240VAC	1275/-
3NO+1NC	EACBA3NO1NC	4A/240VAC	1317/-
3NO+1NC	EACDA3NO1NC	4A/110VAC	1288/-
3NO+1NC	EACDD3NO1NC	4A/110VDC	1786/-
3NO+1NC	EACCA3NO1NC	4A/415VAC	1193/-
3NO+1NC	EACBD3NO1NC	4A/220VDC	1528/-
2NO+2NC	EACAD2NONC	4A/24VDC	1644/-
4NO	EACAD4NO	4A/24VDC	1644/-
2NO+2NC	EACAA2NONC	4A/24VAC	1230/-
4NO	EACAA4NO	4A/24VAC	1233/-
4NO	EACDD4NO	4A/110VDC	1718/-
4NO	EACDA4NO	4A/110VAC	1214/-
2NO+2NC	EACDA2NONC	4A/110VAC	1214/-



## Thermal Overload Relay

- Ranges from 1.4A - 110A
- Conforms to IS/IEC 60947-4-1 & IEC 60947-4-1
- Ambient temperature compensated up to 55°C
- Inbuilt Single phase missing Protection
- Manual / Auto Reset Provision
- Accurate overload tripping
- On/Off/Trip Indication contacts



## Thermal Overload Relay - EMN 40/110

Model	CAT Code	Rating	Remark	Unit LP - ₹
EMN 40	EMN401X3	0.6-1	Directly operated	1500/-
	EMN402X3	1.4-2.3		1500/-
	EMN403X3	2-3.3		1500/-
	EMN405XX	3-5		1575/-
	EMN407X5	4.5-7.5		1575/-
	EMN40100	6-10		1500/-
	EMN40150	9-15		1600/-
	EMN40230	14-23		1750/-
	EMN40330	20-33		2450/-
EMN 110	EMN40400	24-40	2550/-	
	ELMN50150	9-15	3050/-	
	ELMN50230	14-23	3150/-	
	ELMN50330	20-33	3150/-	
	ELMN50500	30-50	3750/-	
	ELMN50600	30-60	4050/-	
	ELMN50750	45-75	4350/-	
ELMN501100	66-110	4950/-		





LOW VOLTAGE SWITCHGEAR

# MCCB

Moulded Case Circuit Breakers

  
**LSIG**  
Protection

  
**IS/IEC 60947-2**  
Circuit Breaker standards

**0.4-1x**  
**ADVANCED**  
Tripping adjustments



**ELMEASURE**<sup>®</sup>  
Possibilities...Infinite

## Thermal Magnetic MCCBs

- Ranges from 63A–630A
- Available in 3 poles and 4 poles versions
- Thermal magnetic release
- Conforms to IS/IEC 60947-2, IEC 60947-2 & EN 60947-2
- High Electrical & Mechanical life

- ON/OFF/Trip Indication contact - Optional
- High operating ambient temperature
- Adjustable Overload Setting: 0.8 - 1.0 x In
- Cost effective models for distribution and lighting applications
- Compact design

## E3Y / E4Y Models

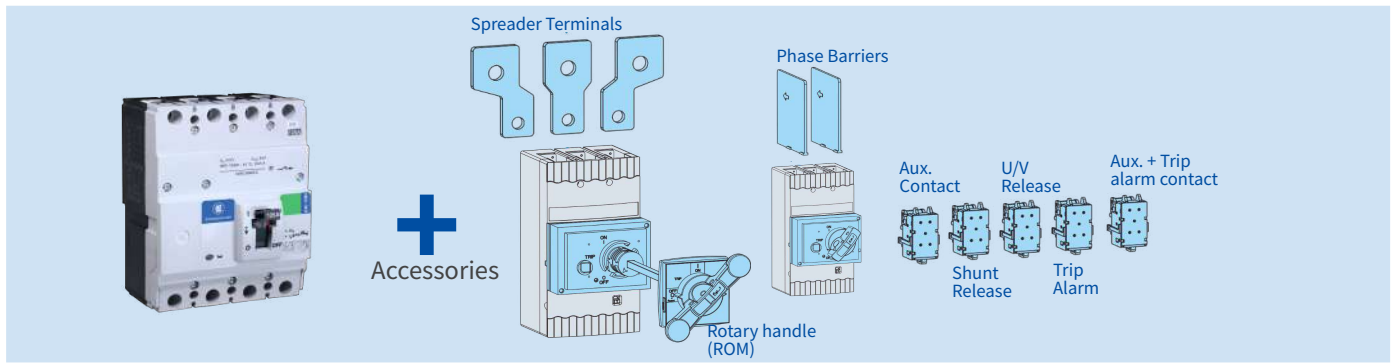
Frame	Model	CAT Code	Rating	Breaking Capacity	Remark	Unit LP - ₹
3 Pole	E3Y 125	E3Y1250063	63A	10 kA (Ics = 100% of Icu)	Spreader not incl	2180/-
		E3Y1250100	100A			2478/-
		E3Y1250125	125A			3166/-
	E3Y 250	E3Y2500160	160A		Spreader incl	7776/-
		E3Y2500200	200A			7917/-
		E3Y2500250	250A			8070/-
4 Pole	E4Y 125	E4Y1250063	63A		Spreader not incl	2781/-
		E4Y1250100	100A			3211/-
		E4Y1250125	125A			3931/-
	E4Y 250	E4Y2500160	160A		Spreader incl	9858/-
		E4Y2500200	200A			9988/-
		E4Y2500250	250A			10172/-

## E3U / E4U Models

Frame	Model	CAT Code	Rating	Breaking Capacity	Remarks	Unit LP - ₹
3 Pole	E3U 100B	E3U100B0063	63A	18 kA (Ics = 100% of Icu)		4050/-
		E3U100B0080	80A			4097/-
		E3U100B0100	100A			4109/-
	E3U 125B	E3U125B0125	125A			4950/-
4 Pole	E4U 100B	E4U100B0063	63A			5150/-
		E4U100B0080	80A			5150/-
		E4U100B0100	100A			5150/-
	E4U 125B	E4U125B0125	125A			6300/-

Frame	Model	CAT Code	Rating	Breaking Capacity	Remarks	Unit LP - ₹	
3 Pole	E3U 250C	E3U250C0160	125-160A	25 kA Ics = 50% of Icu		7200/-	
		E3U250C0200	160-200A			8500/-	
		E3U250C0250	200-250A			9400/-	
	E3U 250D	E3U250D0160	125-160A		36 kA Ics = 50% of Icu		8250/-
		E3U250D0200	160-200A				9800/-
		E3U250D0250	200-250A				10900/-
E3U 400N	E3U400N0320	250-320A	50 kA Ics = 50% of Icu		16900/-		
	E3U400N0400	320-400A			17400/-		
4 Pole	E4U 250C	E4U250C0160	125-160A	25 kA Ics = 50% of Icu		9300/-	
		E4U250C0200	160-200A			10800/-	
		E4U250C0250	200-250A			12400/-	
	E4U 250D	E4U250D0160	125-160A		36 kA Ics = 50% of Icu		10200/-
		E4U250D0200	160-200A				13200/-
		E4U250D0250	200-250A				14700/-
	E4U 400N	E4U400N0320	250-320A		50 kA Ics = 50% of Icu		20848/-
		E4U400N0400	320-400A				21348/-

## Accessories Ordering Information



### E3Y/E4Y MCCBs

Frame	Model	CAT Code	Shunt Release	Spreader Terminal	U/V Release	Suitable ROM
3 Pole	E3Y 125	E3Y1250063	SRE0125Y415V	STE3U100D	On Request	EROMEY125U
		E3Y1250100				
		E3Y1250125				
	E3Y 250	E3Y2500160	On Request	Included		On Request
		E3Y2500200				
		E3Y2500250				
4 Pole	E4Y 125	E4Y1250063	SRE0125Y415V	STE4U100D	On Request	EROMEY125U
		E4Y1250100				
		E4Y1250125				
	E4Y 250	E4Y2500160	On Request	Included		On Request
		E4Y2500200				
		E4Y2500250				

Frame	Model	CAT Code	AUX Contact 1 C/O [NO]	AUX Contact 2 C/O [NO]	Trip Alarm Contact 1 C/O [NO]	Trip Alarm Contact 2 C/O [NO+NC]	Auxiliary + Trip Alarm Contact
3 Pole	E3Y 125	E3Y1250063	NA	NA	NA	NA	ACEY1C0125
		E3Y1250100					
		E3Y1250125					
	E3Y 250	E3Y2500160					On Request
		E3Y2500200					
		E3Y2500250					
4 Pole	E4Y 125	E4Y1250063	NA	NA	NA	NA	ACEY1C0125
		E4Y1250100					
		E4Y1250125					
	E4Y 250	E4Y2500160					On Request
		E4Y2500200					
		E4Y2500250					

### E3Y/E4Y MCCBs Accessories Pricing

Spreader Terminals	CAT Code	Unit LP - ₹
	STE3U100D	333/-
	STE4U100D	492/-

Extended Rotary Handle	CAT Code	Unit LP - ₹
	EROMEY125U	1431/-

Shunt Release - MCCB	CAT Code	Unit LP - ₹
	SRE0125Y415V	903/-

Auxiliary + trip alarm contact	CAT Code	Unit LP - ₹
	ACEY1C0125	671/-

Warranty: 12 Months

## E3U/E4U MCCBs

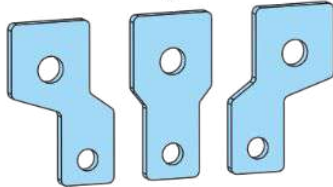
Frame	Model	CAT Code	Shunt Release	Spreader Terminal	U/V Release	Suitable ROM
3 Pole	E3U 100B	E3U100B0063	SREU250C415V	STE3U100D	UVEU250C240V	EROMEN0125
		E3U100B0080				
		E3U100B0100				
E3U 125B	E3U125B0125	STE3U125D				
4 Pole	E4U 100B	E4U100B0063		STE4U100D		
		E4U100B0080				
		E4U100B0100				
4 Pole	E4N 125B	E4U125B0125		STE4U125D		
		E3U250C0160		STEN3250		EROMEU250C
		E3U250C0200				
E3U250C0250						
4 Pole	E4U 250C	E4U250C0160		STEN4250		
		E4U250C0200				
		E4U250C0250				
3 Pole	E3U 250D	E3U250D0160	STEN3250			
		E3U250D0200				
		E3U250D0250				
4 Pole	E4U 250D	E4U250D0160	STEN4250			
		E4U250D0200				
		E4U250D0250				
3 Pole	E4U 400N	E3U400N0320	SRE1250N415V	STEN3400	UVEN630D240V	EROMEN3630
		E3U400N0400				
4 Pole	E4U 400N	E4U400N0320	STEN4400			
		E4U400N0400				

Frame	Model	CAT Code	AUX Contact 1 C/O [NO]	AUX Contact 2 C/O [NO]	Trip Alarm Contact 1 C/O [NO]	Trip Alarm Contact 2 C/O [NO+NC]	Auxiliary + Trip Alarm Contact
3 Pole	E3U 100B	E3U100B0063	ACEU1CO250	ACEU2CO250	TACEU1CO250	TACEU2CO250	ATCEU1CO250
		E3U100B0080					
		E3U100B0100					
E3U 125B	E3U125B0125						
4 Pole	E4U 100B	E4U100B0063					
		E4U100B0080					
		E4U100B0100					
4 Pole	E4N 125B	E4U125B0125					
		E3U250C0160					
		E3U250C0200					
3 Pole	E3U 250C	E3U250C0250					
		E4U250C0160					
		E4U250C0200					
4 Pole	E4U 250C	E4U250C0250					
		E3U250D0160					
		E3U250D0200					
3 Pole	E3U 250D	E3U250D0250					
		E4U250D0160					
		E4U250D0200					
4 Pole	E4U 250D	E4U250D0250					
		E3U400N0320	ACEN1CO1250	ACEN2CO1250	TACEN1CO1250	NA	ATCEN1CO1250
		E3U400N0400					
3 Pole	E4U 400N	E4U400N0320					
		E4U400N0400					
4 Pole	E4U 400N	E4U400N0320					
		E4U400N0400					

Warranty: 12 Months

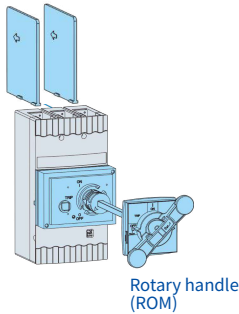
## E3U/E4U MCCBs Accessories Pricing

Spreader Terminals



Spreader Terminals	CAT Code	Unit LP - ₹
	STE3U100D	333/-
	STE3U125D	369/-
	STEN3250	1108/-
	STEN3400	2007/-
	STE4U100D	492/-
	STE4U125D	602/-
	STEN4250	1459/-
	STEN4400	2755/-

Phase Barriers



Rotary handle (ROM)

Extended Rotary Handle	CAT Code	Unit LP - ₹
	EROMEN0125	969/-
	EROMEU250C	1212/-
	EROMEN3630	1687/-

Shunt Release - MCCB	CAT Code	Unit LP - ₹
	SREU250C415V	823/-
	SRE1250N415V	1024/-

Under Voltage Release	CAT Code	Unit LP - ₹
	UVEU250C240V	2584/-
	UVEN630D240V	2413/-

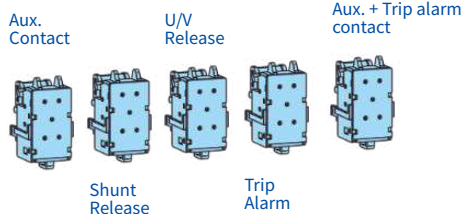
Auxiliary contact - 1 CO	CAT Code	Unit LP - ₹
	ACEU1CO250	473/-
	ACEN1CO1250	459/-

Auxiliary contact - 2 CO	CAT Code	Unit LP - ₹
	ACEU2CO250	749/-
	ACEN2CO1250	772/-

Trip alarm contact - 1 CO	CAT Code	Unit LP - ₹
	TACEU1CO250	472/-
	TACEN1CO1250	476/-

Trip alarm contact - 2 CO	CAT Code	Unit LP - ₹
	TACEU2CO250	772/-

Auxiliary + trip alarm contact	CAT Code	Unit LP - ₹
	ATCEU1CO250	747/-
	ATCEN1CO1250	779/-



**Warranty: 12 Months**

# WAVE SERIES THERMAL MAGNETIC MCCBs

- Ranges from 63-630A
- Available 3P/4P version
- Adjustable short-circuit settings: 6 - 10 x In\*\*
- IS/IEC 60947-2, IEC 60947-2 & EN 60947-2
- Adjustable overload settings: 0.8 - 1.0 x In
- Ics= 100% of Icu\*
- Cost effective model for Distribution application

## E3N / E4N Models

	Frame	Model	CAT Code	Rating	Breaking Capacity	Unit LP - ₹
	3 Pole	E3N 100C	E3N100C0063	50-63A	25 kA (Ics = 100% of Icu)	4310/-
			E3N100C0080	63-80A		4399/-
			E3N100C0100	80-100A		4396/-
		E3N 250C	E3N250C0125	100-125A		8084/-
			E3N250C0160	125-160A		8089/-
			E3N250C0200	160-200A		8332/-
	4 Pole	E4N 100C	E4N100C0063	50-63A		5594/-
			E4N100C0080	63-80A		5813/-
			E4N100C0100	80-100A		5726/-
			E4N250C0125	100-125A		10348/-
		E4N 250C	E4N250C0160	125-160A		10164/-
			E4N250C0200	160-200A		10465/-
			E4N250C0250	200-250A		10690/-
				3 Pole		E3N 250D
E3N250D0160	125-160A	11400/-				
E3N250D0200	160-200A	12300/-				
E3N250D0250	200-250A	13800/-				
E3N 400D	E3N400D0320	250-320A			17200/-	
	E3N400D0400	320-400A			17200/-	
E3N 630D	E3N630D0500	400-500A		24665/-		
	E3N630D0630	500-630A		24866/-		
4 Pole	E4N 250D	E4N250D0125		100-125A	11287/-	
		E4N250D0160		125-160A	13516/-	
		E4N250D0200		160-200A	15700/-	
	E4N 400D	E4N250D0250		200-250A	16600/-	
		E4N400D0320		250-320A	21379/-	
		E4N400D0400		320-400A	21574/-	
E4N 630D	E4N630D0500	400-500A	29804/-			
	E4N630D0630	500-630A	29914/-			
3 Pole	E3N 250N	E3N250N0125	100-125A	50 kA (Ics = 100% of Icu)	13921/-	
		E3N250N0160	125-160A		16238/-	
		E3N250N0200	160-200A		17578/-	
	E3N 400N	E3N250N0250	200-250A		17274/-	
		E3N400N0320	250-320A		22612/-	
		E3N400N0400	320-400A		22810/-	
	E3N 630N	E3N630N0500	400-500A		32554/-	
		E3N630N0630	500-630A		33240/-	
		4 Pole	E4N 250N		E4N250N0125	100-125A
E4N250N0160	125-160A			21488/-		
E4N250N0200	160-200A			22374/-		
E4N 400N	E4N250N0250		200-250A	24684/-		
	E4N400N0320		250-320A	30551/-		
	E4N400N0400		320-400A	30728/-		
E4N 630N	E4N630N0500	400-500A	36581/-			
	E4N630N0630	500-630A	37000/-			

**Note:** Breaking Capacity: C- 25kA,D-36kA,N-50kA,S-70kA

HSN Code: 8536 2020

Warranty: 12 Months



## Accessories Ordering Information

### EWave Thermal Magnetic MCCBs

Frame	Model	CAT Code	Shunt Release	Spreader Terminal	U/V Release	Suitable ROM
3 Pole	E3N 100C	E3N100C0063	SREU250C415V	STE3U100D	UVEU250C240V	EROMEN0125
		E3N100C0080				
		E3N100C0100				
4 Pole	E4N 100C	E4N100C0063		STE4U100D		
		E4N100C0080				
		E4N100C0100				
3 Pole	E3N 250C	E3N250C0125		STEN3250		EROMEU250C
		E3N250C0160				
		E3N250C0200				
		E3N250C0250				
4 Pole	E4N 250C	E4N250C0125		STEN4250		
		E4N250C0160				
		E4N250C0200				
		E4N250C0250				

3 Pole	E3N 250D	E3N250D0125	SRE1250N415V	STEN3250	UVEN630D240V	EROMEN2250
		E3N250D0160				
		E3N250D0200				
		E3N250D0250				
	E3N 400D	E3N400D0320		STEN3400		
		E3N400D0400				
E3N 630D	E3N630D0500	STEN3630		EROMEN3630		
	E3N630D0630					
4 Pole	E4N 250D	E4N250D0125		STEN4250		EROMEN2250
		E4N250D0160				
		E4N250D0200				
		E4N250D0250				
	E4N 400D	E4N400D0320	STEN4400	EROMEN3630		
		E4N400D0400				
		E4N630D0500				
	E4N 630D	E4N630D0500	STEN4630			
		E4N630D0630				

3 Pole	E3N 250N	E3N250N0125	SRE1250N415V	STEN3250	UVEN630D240V	EROMEN2250
		E3N250N0160				
		E3N250N0200				
		E3N250N0250				
	E3N 400N	E3N400N0320		STEN3400		
		E3N400N0400				
E3N 630	E3N630N0500	STEN3630		EROMEN3630		
	E3N630N0630					
4 Pole	E4N 250N	E4N250N0125		STEN4250		EROMEN2250
		E4N250N0160				
		E4N250N0200				
		E4N250N0250				
	E4N 400N	E4N400N0320	STEN4400	EROMEN3630		
		E4N400N0400				
		E4N630N0500				
	E4N 630N	E4N630N0500	STEN4630			
		E4N630N0630				

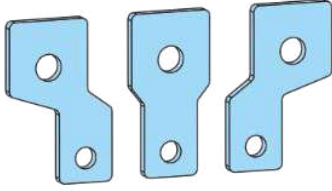
**Warranty: 12 Months**

## Accessories Ordering Information (Con...)

Frame	Model	CAT Code	AUX Contact 1 C/O [NO]	AUX Contact 2 C/O [NO+NC]	Trip Alarm Contact 1 C/O [NO]	Trip Alarm Contact 2 C/O [NO+NC]	Auxiliary + Trip Alarm Contact		
3 Pole	E3N 100C	E3N100C0063	ACEU1CO250	ACEU2CO250	TACEU1CO250	TACEU2CO250	ATCEU1CO250		
		E3N100C0080							
		E3N100C0100							
4 Pole	E4N 100C	E4N100C0063							
		E4N100C0080							
		E4N100C0100							
3 Pole	E3N 250C	E3N250C0125							
		E3N250C0160							
		E3N250C0200							
		E3N250C0250							
4 Pole	E4N 250C	E4N250C0125							
		E4N250C0160							
		E4N250C0200							
		E4N250C0250							
3 Pole	E3N 250D	E3N250D0125	ACEN1CO1250	ACEN2CO1250	TACEN1CO1250	NA	ATCEN1CO1250		
		E3N250D0160							
		E3N250D0200							
		E3N250D0250							
	E3N 400D	E3N400D0320							
		E3N400D0400							
		E3N 630D						E3N630D0500	
								E3N630D0630	
	4 Pole							E3N 250D	E4N250D0125
									E4N250D0160
		E4N250D0200							
		E4N250D0250							
E3N 400D		E4N400D0320							
		E4N400D0400							
		E3N 630D	E4N630D0500						
			E4N630D0630						
3 Pole	E3N 250N	E3N250N0125	ACEN1CO1250	ACEN2CO1250	TACEN1CO1250	NA	ATCEN1CO1250		
		E3N250N0160							
		E3N250N0200							
		E3N250N0250							
	E3N 400N	E3N400N0320							
		E3N400N0400							
		E3N 630N						E3N630N0500	
								E3N630N0630	
	4 Pole							E3N 250N	E4N250N0125
									E4N250N0160
		E4N250N0200							
		E4N250N0250							
E3N 400N		E4N400N0320							
		E4N400N0400							
		E3N 630N	E4N630N0500						
			E4N630N0630						

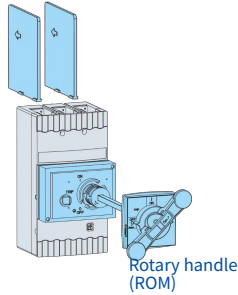
**Warranty: 12 Months**

Spreader Terminals



Spreader Terminals	CAT Code	Unit LP - ₹
	STE3U100D	333/-
	STE4U100D	492/-
	STEN3250	1108/-
	STEN3400	2007/-
	STEN3630	2181/-
	STEN4250	1459/-
	STEN4400	2755/-
	STEN4630	2932/-

Phase Barriers



ROM	CAT Code	Unit LP - ₹
	EROMEN0125	969/-
	EROMEU250C	1212/-
	EROMEN2250	1206/-
	EROMEN3630	1687/-

Shunt Release	CAT Code	Unit LP - ₹
	SREU250C415V	823/-
	SRE1250N415V	1024/-

U/V Release	CAT Code	Unit LP - ₹
	UVEU250C240V	2584/-
	UVEN630D240V	2413/-

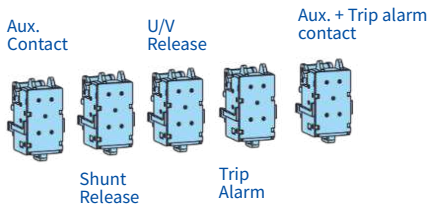
Auxiliary contact - 1 CO	CAT Code	Unit LP - ₹
	ACEU1CO250	473/-
	ACEN1CO1250	459/-

Auxiliary contact - 2 CO	CAT Code	Unit LP - ₹
	ACEU2CO250	749/-
	ACEN2CO1250	772/-

Trip alarm contact - 1 CO	CAT Code	Unit LP - ₹
	TACEU1CO250	472/-
	TACEN1CO1250	476/-

Trip alarm contact - 2 CO	CAT Code	Unit LP - ₹
	TACEU2CO250	772/-

Auxiliary + trip alarm contact	CAT Code	Unit LP - ₹
	ATCEU1CO250	747/-
	ATCEN1CO1250	779/-



Warranty: 12 Months

# EWAVE SERIES MICROPROCESSOR BASED LSI & LSIG MCCBs

- Ranges from 40-1250A
- Available 3P/4P version
- 36kA, 50kA, 70kA and 100kA breaking capacities
- Adjustable overload setting from 0.4 to 1.0 x In
- Adjustable short-circuit setting from 1.5 to 8 x Ir
- Inbuilt ground fault protection from 20% to 50% of In
- Adjustable neutral overload protection from 50% to 150% of Ir
- Conforms to IS/IEC 60947-2
- Inbuilt instantaneous Protection

## LS - E3N / E4N / E3Z / E4Z Models

Frame	Model	CAT Code	Rating	Unit LP - ₹	Breaking Capacity
3 Pole	E3Z 160DM	E3Z160DM0160	40-160A	20600/-	36 kA
	E3N 250DM	E3N250DM0250	100-250A	25175/-	
	E3N 400DM	E3N400DM0400	160-400A	31322/-	
	E3N 630DM	E3N 630DM0630	250-630A	34180/-	50 kA
	E3N 1250NM	E3N1250NM0800	320-800A	54884/-	
	E3N 1250NM	E3N1250NM1000	400-1000A	72348/-	
	E3N 1250NM	E3N1250NM1250	500-1250A	85285/-	
4 Pole	E4Z 160DM	E4Z160DM0160	40-160A	25100/-	36 kA
	E4N 250DM	E4N250DM0250	100-250A	30400/-	
	E4N 400DM	E4N400DM0400	160-400A	38007/-	
	E4N 630DM	E4N630DM0630	250-630A	41822/-	50 kA
	E4N 1250NM	E4N1250NM0800	320-800A	66499/-	
	E4N 1250NM	E4N1250NM1000	400-1000A	93284/-	
	E4N 1250NM	E4N1250NM1250	500-1250A	109996/-	

## LSIG - E3N / E4N / E3Z / E4Z Models

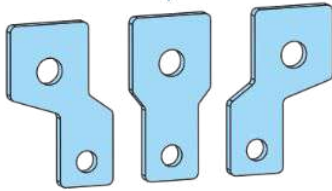
Frame	Model	CAT Code	Rating	Unit LP - ₹	Breaking Capacity
3 Pole	E3Z 160DM	E3Z160D1M160	40-160A	26556/-	36 kA
	E3N 250DM	E3N250D1M250	100-250A	29668/-	
	E3N 400DM	E3N400D1M400	160-400A	36238/-	
	E3N 630DM	E3N 630D1M630	250-630A	40857/-	50 kA
	E3N 1250NM	E3N1250N1M0800	320-800A	69898/-	
	E3N 1250NM	E3N1250N1M1000	400-1000A	88973/-	
	E3N 1250NM	E3N1250N1M1250	500-1250A	104453/-	
4 Pole	E4Z 160DM	E4Z160D1M0160	40-160A	31894/-	36 kA
	E4N 250DM	E4N250D1M250	100-250A	38900/-	
	E4N 400DM	E4N400D1M400	160-400A	43685/-	
	E4N 630DM	E4N630D1M630	250-630A	53172/-	50 kA
	E4N 1250NM	E4N1250N1M0800	320-800A	89413/-	
	E4N 1250NM	E4N1250N1M1000	400-1000A	121679/-	
	E4N 1250NM	E4N1250N1M1250	500-1250A	143204/-	

Frame	Model	CAT Code	Shunt Release	Spreader Terminal	U/V Release	Suitable ROM
3 Pole	E3Z 160DM	E3Z160DM0160	SRE160Z240V	STEZ13160	UVEZ160240V	EROMEZ0160
	E3N 250DM	E3N250DM0250	SRE1250N415V	STEN3250	UVEN630D240V	EROMEN2250
	E3N 400DM	E3N400DM0400		STEN3400		EROMEN3630
	E3N 630DM	E3N630DM0630		STEN3630		UVE1250D240V
	E3N 1250NM	E3N1250NM0800		STEN3800	EROMEN41250	
		E3N1250NM1000		STEN31000		
E3N1250NM1250		STEN31250				
4 Pole	E4Z 160DM	E4Z160DM0160	SRE160Z240V	STEZ14160	UVEZ160240V	EROMEZ0160
	E4N 250DM	E4N250DM0250	SRE1250N415V	STEN4250	UVEN630D240V	EROMEN2250
	E4N 400DM	E4N400DM0400		STEN4400		EROMEN3630
	E4N 630DM	E4N630DM0630		STEN4630		UVE1250D240V
	E3N 1250NM	E4N1250NM0800		STEN4800	EROMEN41250	
		E4N1250NM1000		STEN41000		
E4N1250NM1250		STEN41250				

3 Pole	E3Z 160DM	E3Z160D1M0160	SRE160Z240V	STEZ13160	UVEZ160240V	EROMEZ0160
	E3N 250DM	E3N250D1M0250	SRE1250N415V	STEN3250	UVEN630D240V	EROMEN2250
	E3N 400DM	E3N400D1M0400		STEN3400		EROMEN3630
	E3N 630DM	E3N630D1M0630		STEN3630		UVE1250D240V
	E3N 1250NM	E3N1250N1M0800		STEN3800	EROMEN41250	
		E3N1250N1M1000		STEN31000		
E3N1250N1M1250		STEN31250				
4 Pole	E4Z 160DM	E4Z160D1M0160	SRE160Z240V	STEZ14160	UVEZ160240V	EROMEZ0160
	E4N 250DM	E4N250D1M0250	SRE1250N415V	STEN4250	UVEN630D240V	EROMEN2250
	E4N 400DM	E4N400D1M0400		STEN4400		EROMEN3630
	E4N 630DM	E4N630D1M0630		STEN4630		UVE1250D240V
	E3N 1250NM	E4N1250N1M0800		STEN4800	EROMEN41250	
		E4N1250N1M1000		STEN41000		
E4N1250N1M1250		STEN41250				

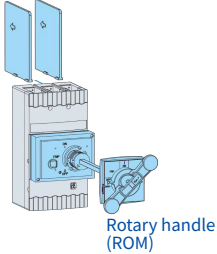
Frame	Model	CAT Code	AUX Contact 1 C/O [NO]	AUX Contact 2 C/O [NO+NC]	Trip Alarm Contact 1 C/O [NO]	Trip Alarm Contact 2 C/O [NO+NC]	Auxiliary + Trip Alarm Contact	
3 Pole	E3Z 160DM	E3Z160DM0160	ACEZ1CO160	NA	TACEZ1CO160	NA	NA	
	E3N 250DM	E3N250DM0250	ACEN1CO1250	ACEN2CO1250	TACEN1CO1250		NA	ATCEN1CO1250
	E3N 400DM	E3N400DM0400						
	E3N 630DM	E3N630DM0630						
	E3N 1250NM	E3N1250NM1000						
		E3N1250NM1250						
E3N1250NM1250								
4 Pole	E4Z 160DM	E4Z160DM0160	ACEN1CO1250	ACEN2CO1250	TACEN1CO1250	NA	ATCEN1CO1250	
	E4N 250DM	E4N250DM0250						
	E4N 400DM	E4N400DM0400						
	E4N 630DM	E4N630DM0630						
	E3N 1250NM	E4N1250NM1000						
		E4N1250NM1250						
3 Pole	E3Z 160DM	E3Z160D1M0160	ACEZ1CO160	NA	TACEZ1CO160	NA	NA	
	E3N 250DM	E3N250D1M0250	ACEN1CO1250	ACEN2CO1250	TACEN1CO1250		NA	ATCEN1CO1250
	E3N 400DM	E3N400D1M0400						
	E3N 630DM	E3N630D1M0630						
	E3N 1250NM	E3N1250N1M1000						
		E3N1250N1M1250						
E3N1250N1M1250								
4 Pole	E4Z 160DM	E4Z160D1M0160	ACEN1CO1250	ACEN2CO1250	TACEN1CO1250	NA	ATCEN1CO1250	
	E4N 250DM	E4N250D1M0250						
	E4N 400DM	E4N400D1M0400						
	E4N 630DM	E4N630D1M0630						
	E3N 1250NM	E4N1250N1M1000						
		E4N1250N1M1250						

Spreader Terminals



Spreader Terminals	CAT Code	Unit LP - ₹
	STEN3250	1108/-
	STEN3400	2007/-
	STEN3630	2181/-
	STEN3800	6132/-
	STEN4250	1459/-
	STEN4400	2755/-
	STEN4630	2932/-
	STEN4800	8086/-
	STEZ13160	760/-
	STEZ14160	1184/-
	STEN31000	12276/-
	STEN31250	22284/-
	STEN41000	16137/-
	STEN41250	29646/-

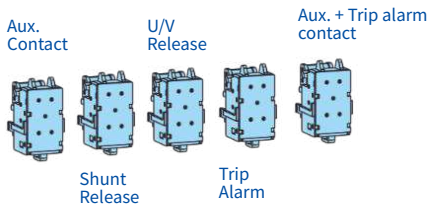
Phase Barriers



ROM	CAT Code	Unit LP - ₹
	EROMEZ0160	1292/-
	EROMEN2250	1206/-
	EROMEN3630	1687/-
	EROMEN41250	2546/-

Shunt Release	CAT Code	Unit LP - ₹
	SRE160Z240V	2525/-
	SRE1250N415V	1024/-

U/V Release	CAT Code	Unit LP - ₹
	UVEZ160240V	2540/-
	UVEN630D240V	2413/-
	UVE1250D240V	2718/-



Auxiliary contact - 1 CO	CAT Code	Unit LP - ₹
	ACEN1CO1250	459/-
	ACEZ1CO160	650/-

Auxiliary contact - 2 CO	CAT Code	Unit LP - ₹
	ACEN2CO1250	772/-

Trip alarm contact - 1 CO	CAT Code	Unit LP - ₹
	TACEN1CO1250	476/-
	TACEZ1CO160	650/-

Auxiliary + trip alarm contact	CAT Code	Unit LP - ₹
	ATCEN1CO1250	779/-

**Warranty: 12 Months**

# MOTOR PROTECTION MCCBs

- Ranges from 32A–630A, 50kA
- Suitable for Isolation
- Wide range of snap fit for internal and external accessories.

## E3N Models

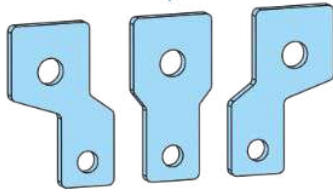
Frame	Model	CAT Code	Rating	Unit LP - ₹	Breaking Capacity
3 Pole	E3N 100M	E3N100MN0063	63A	4030/-	50 kA (Ics = 100% of Icu)
		E3N100MN0080	80A	4072/-	
		E3N100MN0100	100A	4120/-	
	E3N 160M	E3N160MN0100	100A	6946/-	
		E3N160MN0125	125A	6943/-	
		E3N160MN0160	160A	8265/-	
	E3N 250M	E3N250MN0200	200A	10534/-	
		E3N250MN0250	250A	14464/-	
	E3N 400M	E3N400MN0320	320A	18514/-	
		E3N400MN0400	400A	19487/-	
	E3N 630M	E3N630MN0500	500A	21517/-	
		E3N630MN0630	630A	21635/-	

Frame	Model	CAT Code	Shunt Release	Spreader Terminal	U/V Release	Suitable ROM
3 Pole	E3N 100M	E3N100MN0063	SREU250C415V	STE3U100D	UVEU250C240V	EROMEN0125
		E3N100MN0080				
		E3N100MN0100				
	E3N 160M	E3N160MN0100		STEN3250		EROMEU250C
		E3N160MN0125				
		E3N160MN0160				
	E3N 250M	E3N250MN0200	SRE1250N415V	STEN3400	EROMEN2250	
		E3N250MN0250				
	E3N 400M	E3N400MN0320		STEN3630	UVEN630D240V	EROMEN3630
		E3N400MN0400				
	E3N 630M	E3N630MN0500				
		E3N630MN0630				

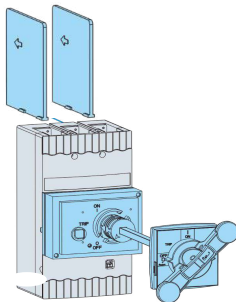
Frame	Model	CAT Code	AUX Contact 1 C/O [NO]	AUX Contact 2 C/O [NO+NC]	Trip Alarm Contact 1 C/O [NO]	Trip Alarm Contact 2 C/O [NO+NC]	Auxiliary + Trip Alarm Contact			
3 Pole	E3N 100M	E3N100MN0063	ACEU1CO250	ACEU2CO250	TACEU1CO250	TACEU2CO250	ATCEU1CO250			
		E3N100MN0080								
		E3N100MN0100								
	E3N 160M	E3N160MN0100			ACEN1C01250		ACEN2CO1250	TACEN1CO1250	NA	ATCEN1CO1250
		E3N160MN0125								
		E3N160MN0160								
	E3N 250M	E3N250MN0200	TACEN1CO1250	NA	ATCEN1CO1250					
		E3N250MN0250								
	E3N 400M	E3N400MN0320								
		E3N400MN0400								
	E3N 630M	E3N630MN0500								
		E3N630MN0630								

## Motor Protection MCCB Accessories Pricing

Spreader Terminals



Spreader Terminals	CAT Code	Unit LP - ₹
	STE3U100D	333/-
	STEN3250	1108/-
	STEN3400	2007/-
	STEN3630	2181/-



Rotary handle (ROM)

Extended Rotary Handle	CAT Code	Unit LP - ₹
	EROMENO125	969/-
	EROMEU250C	1212/-
	EROMEN2250	1206/-
EROMEN3630	1687/-	

Shunt Release - MCCB	CAT Code	Unit LP - ₹
	SREU250C415V	823/-
SRE1250N415V	1024/-	

Under Voltage Release	CAT Code	Unit LP - ₹
	UVEU250C240V	2584/-
UVEN630D240V	2413/-	

Auxiliary contact - 1 CO	CAT Code	Unit LP - ₹
	ACEU1CO250	473/-
ACEN1CO1250	459/-	

Auxiliary contact - 2 CO	CAT Code	Unit LP - ₹
	ACEU2CO250	749/-
ACEN2CO1250	772/-	

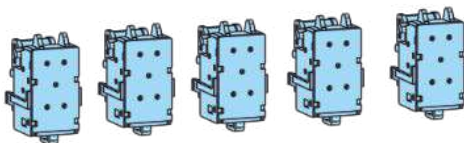
Trip alarm contact - 1 CO	CAT Code	Unit LP - ₹
	TACEU1CO250	472/-
TACEN1CO1250	476/-	

Trip alarm contact - 2 CO	CAT Code	Unit LP - ₹
	TACEU2CO250	772/-

Auxiliary + trip alarm contact	CAT Code	Unit LP - ₹
	ATCEU1CO250	747/-
ATCEN1CO1250	779/-	

Aux.  
ContactU/V  
Release

Aux. + Trip alarm contact

Shunt  
Release

Trip Alarm





## EG 100 EL-GUARD

Transform your ordinary circuit-breaker into Extraordinary



## Introduction

Meet the EL-Guard EG 100, a compact and powerful module designed to revolutionize your standard MCCBs / ACBs. The EG100 seamlessly integrates advanced LSIG protection, precise power metering, and IoT communication capabilities, transforming your standard circuit breaker into smart, efficient, and cost-effective solutions.

Key features include under/over voltage and frequency protection, overcurrent protection, and earth fault protection. The EG100 also functions as a high-end energy meter with a bright LCD display for easy data access. With RS485 communication for remote monitoring and control, the EG100 offers smart functionality at a fraction of the cost.

## Features

- Upgrades to LSIG, under/over voltage, and frequency protections.
- Integrates IoT for remote monitoring and control.
- Integrated power metering to track energy usage.
- Supports phase sequence and earth fault protection.
- Bright LCD display for easy field monitoring.
- Programmable 2 Relay for tripping UV & shunt coil
- High & Low measurements
- Programmable Trip Delay Time
- Programmable Earth Fault Curve – Definite time, Normally Inverse, Very Inverse, Extremely inverse, Long time inverse
- Breaker status monitoring

Model	Description	CATCODE	Unit LP - ₹
EG 100	Digital circuit breaker controller, Class:1.0, RS485	EG0100P11000	18000/-
EG 100	Digital circuit breaker controller, Class:1.0, WiFi	EG0100P13000	25000/-



# Delta ACB

Air Circuit Breakers



**800-6300A**  
**WIDE RANGE**  
Of power applications





## DELTA SERIES AIR CIRCUIT BREAKERS

MDO/EDO  
Range 800A-6300A

### 3/4 Pole ACBs

- Current Rating from 800A to 6300A in 3 Frame sizes for application voltages up to 690V AC
- Available in 3 Pole/4 Pole, Manually & Electrically operated, Fixed/Draw-out versions
- High short-time fault withstand capacity,  $I_{cu} = I_{cs} = I_{cw}$  for 1 sec for total selectivity
- Complete range conforms to IS/IEC 60947-2 & IEC 60947-2
- Ease of on-site conversion from Fixed to Draw-out version
- Optional IoT connectivity via Modbus, Profibus & wireless Zigbee protocols
- Optional Temperature rise monitoring & protection
- Protection Releases conform to EMI/EMC standard
- Optional Power & Harmonics measurement
- Available in standard NRYB & RYBN/NBYR/BYRN configurations in 4 Pole ACBs with on-site change facility
- Modular & snap-fit accessories

### E3DL / E4DL MDO LSIG Breaker

Frame	Model	CAT Code	Rating	Remark	Unit LP - ₹
3 Pole	E3DLMD 800	E3DLMD0800	800A	Breaking Capacity: <b>50kA</b>	<b>152858/-</b>
	E3DLMD 1000	E3DLMD1000	1000A		<b>153158/-</b>
	E3DLMD 1250	E3DLMD1250	1250A		<b>153023/-</b>
	E3DLMD 1600	E3DLMD1600	1600A		<b>155741/-</b>
	E3DLMD 2000	E3DLMD2000	2000A		<b>174561/-</b>
	E3DLMD 2500	E3DLMD2500	2500A		<b>243089/-</b>
4 Pole	E3DLMD 3200	E3DLMD3200	3200A		<b>276435/-</b>
	E4DLMD 800	E4DLMD0800	800A		<b>177776/-</b>
	E4DLMD 1000	E4DLMD1000	1000A		<b>178134/-</b>
	E4DLMD 1250	E4DLMD1250	1250A		<b>178110/-</b>
	E4DLMD 1600	E4DLMD1600	1600A		<b>181294/-</b>
	E4DLMD 2000	E4DLMD2000	2000A		<b>209341/-</b>
4 Pole	E4DLMD 2500	E4DLMD2500	2500A	<b>304138/-</b>	
	E4DLMD 3200	E4DLMD3200	3200A	<b>349940/-</b>	

### E3DL / E4DL EDO LSIG Breaker

Frame	Model	CAT Code	Rating	Remark	Unit LP - ₹
3 Pole	E3DLED 800	E3DLED0800	800A	Breaking Capacity: <b>50kA</b>	<b>167580/-</b>
	E3DLED 1000	E3DLED1000	1000A		<b>167880/-</b>
	E3DLED 1250	E3DLED1250	1250A		<b>167745/-</b>
	E3DLED 1600	E3DLED1600	1600A		<b>170463/-</b>
	E3DLED 2000	E3DLED2000	2000A		<b>189283/-</b>
	E3DLED 2500	E3DLED2500	2500A		<b>257811/-</b>
4 Pole	E3DLED 3200	E3DLED3200	3200A		<b>291157/-</b>
	E4DLED 800	E4DLED0800	800A		<b>192498/-</b>
	E4DLED 1000	E4DLED1000	1000A		<b>192856/-</b>
	E4DLED 1250	E4DLED1250	1250A		<b>192832/-</b>
	E4DLED 1600	E4DLED1600	1600A		<b>196016/-</b>
	E4DLED 2000	E4DLED2000	2000A		<b>224063/-</b>
4 Pole	E4DLED 2500	E4DLED2500	2500A	<b>318860/-</b>	
	E4DLED 3200	E4DLED3200	3200A	<b>364662/-</b>	

**Note:** 4000A,5000A & 6300A On Request.

\*Breaking Capacity: 65kA,80kA & 100kA On Request.



# Sigma ACB

Air Circuit Breakers



**800-6300A**  
**WIDE RANGE**  
Of power applications





## SIGMA SERIES AIR CIRCUIT BREAKERS

MDO/EDO  
Range 800A–6300A

### 3/4 Pole ACBs

- Conforms to IS/IEC 60947-2 & IEC 60947-2
- Current rating from 800A to 4000A
- Available in 3 Pole/4 Pole, Manually & Electrically operated, Fixed & Draw-out versions
- High short time fault withstanding capacity,  $I_{cu} = I_{cs} = I_{cw}$  for 1 sec for total selectivity
- High mechanical and electrical operating life
- 100% rated neutral pole
- Microprocessor releases (R2)
- Self diagnostic Microprocessor based Releases with on-load testing through TEST button
- Inbuilt thermal memory
- Data communication & Power Management
- Protection Releases conform to EMI/EMC standards
- Breaker Status and Control through MODBUS protocol (UN-CO module)

**Note:** 4000A,5000A & 6300A On Request.

\*Breaking Capacity: 65kA,80kA & 100kA On Request.

### E3SG / E4SG MDO LSIG Breaker

Frame	Model	CAT Code	Rating	Remark	Unit LP - ₹
3 Pole	E3SGMD 0800	E3SGMD0800	800A	Breaking Capacity: 50kA	136739/-
	E3SGMD 1000	E3SGMD1000	1000A		138307/-
	E3SGMD 1250	E3SGMD1250	1250A		143774/-
	E3SGMD 1600	E3SGMD1600	1600A		170236/-
	E3SGMD 2000	E3SGMD2000	2000A		206126/-
	E3SGMD 2500S	E3SGMDS2500	2500A		248119/-
	E3SGMD 3200H	E3SGMDH3200	3200A		331994/-
4 Pole	E4SGMD 0800	E4SGMD0800	800A		169776/-
	E4SGMD 1000	E4SGMD1000	1000A		170992/-
	E4SGMD 1250	E4SGMD1250	1250A		189010/-
	E4SGMD 1600	E4SGMD1600	1600A		228792/-
	E4SGMD 2000	E4SGMD2000	2000A		244169/-
	E4SGMD 2500S	E4SGMDS2500	2500A		313336/-
	E4SGMD 3200H	E4SGMDH3200	3200A		401171/-

### E3SG / E4SG EDO LSIG Breaker

Frame	Model	CAT Code	Rating	Remark	Unit LP - ₹
3 Pole	E3SGED 0800	E3SGED0800	800A	Breaking Capacity: 50kA	164068/-
	E3SGED 1000	E3SGED1000	1000A		176754/-
	E3SGED 1250	E3SGED1250	1250A		183064/-
	E3SGED 1600	E3SGED1600	1600A		212343/-
	E3SGED 2000	E3SGED2000	2000A		230771/-
	E3SGED 2500S	E3SGEDS2500	2500A		289242/-
	E3SGED 3200H	E3SGEDH3200	3200A		392015/-
4 Pole	E4SGED 0800	E4SGED0800	800A		205310/-
	E4SGED 1000	E4SGED1000	1000A		206754/-
	E4SGED 1250	E4SGED1250	1250A		232933/-
	E4SGED 1600	E4SGED1600	1600A		245063/-
	E4SGED 2000	E4SGED2000	2000A		292451/-
	E4SGED 2500S	E4SGEDS2500	2500A		345375/-
	E4SGED 3200H	E4SGEDH3200	3200A		442153/-

## Delta - ACB Accessories

Model	CAT Code	Unit LP - ₹
Delta ACB UV Release	UVEDLB6300	7494/-
	UVEDLC6300	9716/-
Delta ACB Shunt Release	SREDLB6300	1928/-
	SREDLC6300	2611/-
	SREDLD6300	3750/-
Delta ACB Closing Release	CREDLB6300	2480/-
	CREDLD6300	3750/-
Electrical Charging Motor	ECDDL6300	12833/-
	ECDDL6300	13500/-
Delta Release ASSY	EFLSDDL6300	32000/-
	EFLSFDL6300	60000/-
Delta ACB Interlock Key - Type T	EDLCLT2	4500/-
Delta ACB Interlock Key - Type S	EDLCLT1	4500/-
Delta ACB, Power Supply Module	EDLPSM6300	17033/-
Delta, Electrical Position Indicator	EDLEPI6300	2032/-
Delta, Micro switch for Spring charge Indication	EDLMSCI6300	1336/-
Delta, Micro switch for Common Fault Indication	EDLMCFI6300	1076/-
Delta, Micro switch for Ready To Close Indication	EDLMRTC6300	1776/-
Delta, Micro switch for Shunt Release	EDLMSR6300	1868/-
Delta, Micro switch for Under voltage Release	EDLMUR6300	1864/-
Delta, Secondary Isolating Contact	EDLSIC6300	2488/-
Delta ACB OFF - PB Interlock	EDLCL0K	500/-
Terminal Adaptor	TADDF1VH2000	4750/-

**Note:** Coil Voltage Reference Code: B- 240V AC,C\*- 415V AC,D\*-110V AC.

\*C&D available on request.

## Sigma - ACB Accessories

Model	CAT Code	Unit LP - ₹
Sigma ACB Shunt Release	SRESGB6300	1918/-
Sigma ACB UV Release	UVESGB6300	2865/-
Sigma ACB Closing Release	CRESGB6300	2900/-
Electrical Charging Motor	ECDSGB6300	8000/-
Sigma ACB OFF - PB Interlock Type AA	ESCLTPBT1	4500/-

**Note:** Coil Voltage Reference Code: B- 240V AC,C\*- 415V AC,D\*-110V AC.

\*C&D available on request.



# SDF SWITCH DISCONNECTOR FUSE

Range 32A–800A

## Type TPN S-D-F suitable for DIN fuse-link (TPN) in open execution

- Range 32A to 800A, 415V, AC 23A
- Conforms to IEC 60947-3, IS/IEC 60947-3
- SDF TPN has isolable neutral
- Door interlock & padlock facility
- Terminal Shrouds on both sides and Phase Barriers included

## Switch Disconnecter - Fuse units 3 pole

Frame	Model	CAT Code	Rating	Remark	Unit LP - ₹
3 Pole	E3SDF 032	ESDF3PF10032	32A		2469/-
	E3SDF 063	ESDF3PF10063	63A		2920/-
	E3SDF 100	ESDF3PF20100	100A		6642/-
	E3SDF 125	ESDF3PF20125	125A		7695/-
	E3SDF 160	ESDF3PF20160	160A		8988/-
	E3SDF 200	ESDF3PF30200	200A		13038/-
	E3SDF 250	ESDF3PF30250	250A		14555/-
	E3SDF 315	ESDF3PF40315	315A		20097/-
	E3SDF 400	ESDF3PF40400	400A		22696/-
	E3SDF 630	ESDF3PF50630	630A		42054/-
E3SDF 800	ESDF3PF50800	800A		50452/-	



**ELMEASURE<sup>®</sup>**  
Possibilities...Infinite

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