

### **MCCB**

Moulded Case Circuit Breakers





Don't compromise on the essentials of an industrial-grade MCCB.

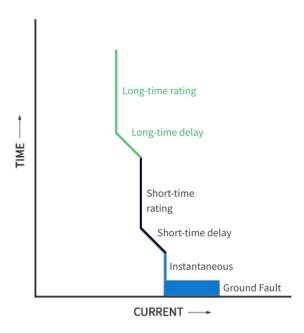
## Safety. Performance. And high durability.

Safety, performance, and durability are the essentials for any electrical equipments or systems. Moulded Case Circuit Breakers (MCCBs) - forms the backbone of any electrical system. These MCCBs are designed to provide the highest level of protection for your equipment and personnel while withstanding even the toughest environments such as foundry or mining. With a wide range of products, easy installation, and advanced protection features, Elmeasure MCCBs can be your ideal choice for any industrial or commercial application.

# Key features that provide you with an array of benefits.

#### ■ LSIG Comprehensive Protection

LSIG (Long-Time, Short-Time, Instantaneous, Ground) protection is a key feature of MCCBs. With LSIG protection, MCCBs can provide accurate and reliable protection against short circuits, ground faults, and other electrical faults that can cause damage or downtime. This advanced protection technology allows for precise and customizable settings, ensuring that your electrical systems are protected at all times. By providing comprehensive protection, MCCBs can help you to improve system reliability and reduce the risk of costly downtime and repairs.



#### **■** Enhanced Flexibility

The wide range of MCCBs, including Thermal Magnetic and Micro-Processor based MCCBs can help you choose the right MCCB for the specific applications.

#### ■ Flexible mounting options

With the ability to mount the MCCBs in a variety of ways, you will find it suitable for a wide range of applications and installations.

#### ■ Highest quality of standards

Compliant to International Standard

• IS/IEC 60947-2 Low Voltage Switchgear and Controlgear, Part 2: Circuit-breakers

#### Advanced tripping adjustments

Our range of MCCBs offers adjustable overload setting from 0.4 to 1.0x In to allow precise protection, with customizable settings for different applications.

#### Optional BEMS Connectivity

Optional communication module features enable MCCBs to provide real-time data on the status of the circuit breaker and the electrical system, including current, voltage, power, and energy consumption. This helps operators to monitor and diagnose faults, such as overload or short circuit, and take corrective actions before a catastrophic failure occurs.

# Performance and safety across diverse applications.

#### **MCCB** — An essential component of electrical systems

From commercial and industrial settings to healthcare and residential environments, MCCBs are a vital system component that offers reliable protection for electrical equipment from overcurrents and short circuits, ensuring the safety of people and equipment alike. It also assists in providing an uninterrupted operation of large-scale critical machineries, making sure of optimal performance and safety.







#### **Industrial/Manufacturing Plants**

Industrial plants rely on complex electrical systems to power essential machinery, equipment, and production processes. These systems are often under high stress and are susceptible to damage from overcurrents and short circuits, leading to downtime. MCCBs play a critical role in safeguarding all such electrical systems and equipment.

#### **Commercial Buildings**

Electrical power is critical to the smooth operation of commercial office buildings, providing lighting, heating, air conditioning, and other essential services. MCCBs safeguards against electrical faults that can result in significant downtime, causing inconvenience to the occupants and leading to a loss of productivity.

#### **Retail stores / Shopping Malls**

MCCBs protects essential systems such as lighting, HVAC systems, and security systems. Without protection, these systems can be vulnerable to electrical faults, which can lead to business downtime, equipment damage, and safety hazards for shoppers and employees.







#### **Healthcare Facilities**

Medical equipment, lighting, and HVAC systems forms the critical part of a typical healthcare facility. MCCBs safeguards against electrical faults that can pose a significant risk to patients, staff safety as well as result in a downtime of critical medical systems and procedures.

#### **Data Centers**

Data centers rely on uninterrupted power supply for their critical operations. MCCBs ensures that all electrical systems are protected against overloads, short circuits, and other electrical faults. They also offer a high level of modularity and scalability, allowing operators to easily modify electrical systems as their needs change.

#### Hotels/Hospitality venue

The power distribution systems, lighting systems, HVAC systems, elevators, and escalators all require a stable and secure power supply to operate efficiently. MCCBs can offer reliable and precise protection against overloads, short circuits, and other electrical faults, ensuring the electrical systems stay operational and downtime is minimized.



#### **Telecommunications**

MCCBs offers reliable protection against overloads and short circuits, that can cause damage to mission critical systems such as PDUs, gensets, battery banks, rectifiers, inverters, and other surge protection devices.



#### Oil and Gas

MCCBs are crucial components for protecting electrical systems in oil and gas plants including power distribution systems, motor control centers, generators, transformers and other high-voltage equipment.



#### **Residential Buildings**

MCCBs can ensure safety and reliable operation of electrical systems in residential buildings by protecting against overloads, short circuits, and ground faults.

#### **EXY/EXU Series**

#### Compact Thermal Magnetic MCCBs

The E3Y/E4Y MCCB series is an excellent solution for both industrial and commercial applications. These Moulded Case Circuit Breakers offer high breaking capacities, reliability, and ease of installation. Their design is built to withstand extreme conditions, such as electrical faults, overloads, and short circuits. The E3Y/E4Y MCCBs come in different frame sizes and are equipped with advanced trip units that offer accurate protection and monitoring. With these features, users can ensure the safety and efficiency of their electrical systems while minimizing downtime and maintenance costs. Additionally, they offer a wide range of accessories and customization options, making them adaptable to various applications and user requirements. Overall, the E3Y/E4Y MCCB series provides a comprehensive and versatile solution for all low-voltage circuit protection needs.





#### E3Y/E4Y — Thermal Magnetic MCCBs



#### **Ordering Information**

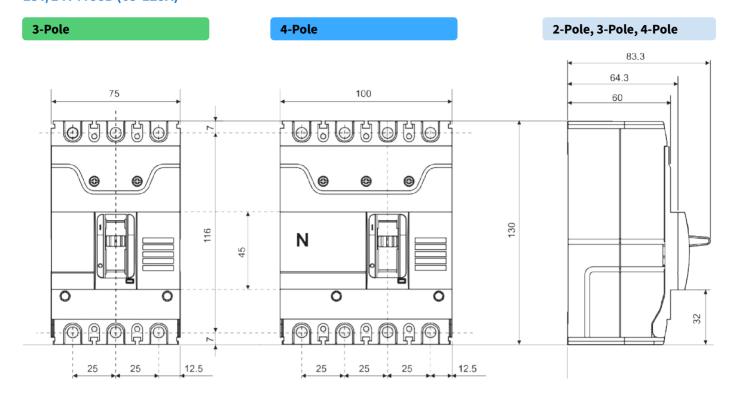
Frame	Model	CAT Code	Breaker Rating	kA Rating
		E3Y1250063	63A	
3 Pole	E3Y 125	E3Y1250100	100A	
		E3Y1250125	125A	10 kA
		E4Y1250063	63A	10 KA
4 Pole	E4Y 125	E4Y1250100	100A	
		E4Y1250125	125A	

#### **Technical Specification**

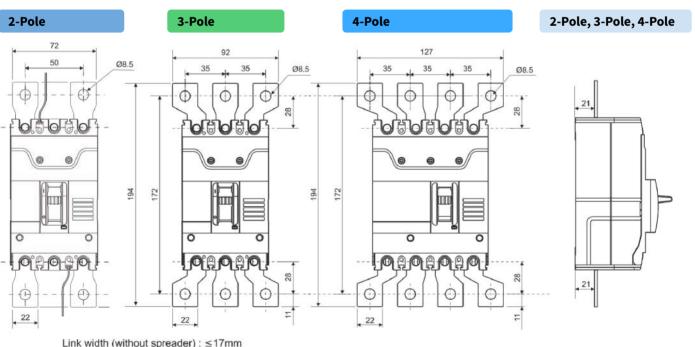
	Technical P	arameters	Specifications
Туре			E3Y / E4Y
No. of Poles	5		2/3/4
Rated Curre	ent	In (A)	63, 80, 100, 125
Impulse Wi	thstand Voltage	Uimp (kV)	8
Dated Open	ational Voltage	Ue (V AC)	415
Rated Oper	ational Voltage	Ue (V DC)	250
Rated Insul	ation Voltage	Ui (V AC)	800
Operationa	l Frequency (Hz)		50 / 60
Utilisation (	Category		A
Reference 1	emperature		40°C
Operating 1	Temperature		-5°C to +55°C
Standard			IS60947-2, IEC60947-2 & EN60947-2
	240 V AC		25
Icu (kA)	415 V AC		10
	250 V DC		10
Rated Servi	ce S. C. Breaking	Capacity (Ics)	100% of <i>Icu</i>
Mechanical	Mechanical Life No. of operations		30000
Electrical Life No. of operations		No. of operations	8000
IP Protection	on (from front side	e)	IP40
Pollution D	egree		III
Type of Re	lease		Thermal - Magnetic
Thermal			Fixed
Magnetic			Fixed (10 ln)
Terminal C	apacity (withou	t spreaders)	
Cables with	ı Lug (mm²)		50
Link (mm)			<u>≤</u> 17
Overall Dir	nensions		
Width (3/4	Pole) (mm)		75 / 100
Height (mm	۱)		130
Depth (mm			60
Weight (2/3	/4 Pole) (kg)		0.60 / 0.67 / 0.92

#### Mechanical Diagram:

#### E3Y/E4Y MCCB (63-125A)



#### E3Y/E4Y MCCB (63-125A) with Spreader Links



Link width (without spreader) : ≤17mm Link width (with spreader) : 25mm

#### **E3U/E4U** — Thermal Magnetic MCCBs



#### **Ordering Information**

Frame	Model	CAT Code	Rating	Breaking capacity	Ics Rating		
		E3U100B0063	50-63A				
0.0.1	E3U 100B	E3U100B0080	63-80A				
3 Pole		E3U100B0100	80-100A				
	E3U 125B	E3U125B0125	100-125A	101.4	F00/ -f1		
		E4U100B0063	50-63A	18 kA	50% of I <i>cu</i>		
4 Pole	E4U 100B	E4U100B0080	63-80A				
4 Pole		E4U100B0100	80-100A				
	E4U 125B	E4U125B0125	100-125A				
		E3U250C0160	125-160A				
3 Pole	E3U 250C	E3U250C0200	160-200A				
		E3U250C0250	200-250A	25 kA			
		E4U250C0160	125-160A	25 KA			
4 Pole	E4U 250C	E4U250C0200	160-200A				
		E4U250C0250	200-250A				
		E3U250D0160	125-160A		100% of Icu		
3 Pole	E3U 250D	E3U250D0200	160-200A				
		E3U250D0250	200-250A	36 kA			
		E4U250D0160	125-160A	30 KA			
4 Pole	E4U 250D	E4U250D0200	160-200A				
		E4U250D0250	200-250A				
3 Pole	E3U 400N	E3U400N0320	250-320A				
3 Pole	E3U 400N	E3U400N0400	320-400A	50 kA			
4 Pole	E4U 400N	E4U400N0320	250-320A	SU KA			
4 2016	E4U 400N	E4U400N0400	320-400A				

- Ranges from 50A–400A
- Adjustable overload setting 0.8 to 1.0 x In

#### **E3U/E4U** — Thermal Magnetic MCCBs



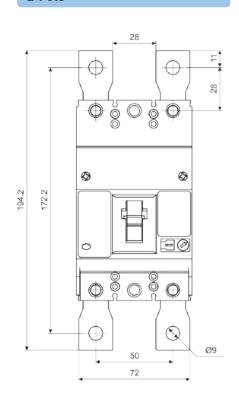
#### **Technical Specification**

	Technical Para	meters		Specific	ations	
Туре			E3U/E4U-(100D,125D)	E3U/E4U-250C	E3U/E4U-250D	E3U/E4U-400N
No. of Pole	S		3/4	2/3/4	2/3/4	2/3/4
Rated Curr	ent	In (A)	20, 25, 32, 40, 50, 63, 80, 100, 125	160, 2	00, 250	320, 400
Impulse Wi	thstand Voltage	Uimp (kV)		8		
Rated Oper	rational Voltage	Ue (V AC)		415		690
Rated Insu	lation Voltage	Ui (V AC)		80	0	
Operationa	al Frequency (Hz)			50 /	60	
Utilisation	Category			А		
Reference <sup>-</sup>	Temperature			40°	С	
Operating <sup>1</sup>	Temperature			-5°C to	+55°C	
Standard				IS/IEC60947-2, II	EC60947, & IEC	
	240 V AC		32	65	65	65
	415 V AC		18	25	36	50
Icu (kA)	250 V DC (2P in s	series) L/R<10msec	-	-	15	25
	250 V DC (3P in s	series) L/R<10msec	15	15	20	30
	500 V DC (3P in s	series) L/R<10msec	10	10	15	20
Rated Serv	ice S. C. Breaking (	Capacity (Ics)	100% of <i>Icu</i>		50% of <i>Icu</i>	
Single Stage Capacitor Rating at 415V, 50Hz (kVAr)		Upto 50 kVAr (for 100A) & 65kVAr (for 125A)	Upto 9	95 kVAr	Upto 150 kVAr	
Mechanica	l Life	No. of operations	40000	15000 100		10000
Electrical L	ife	No. of operations	8000	5000 40		4000
IP Protection	on (from front side	e)	IP40			
Pollution D	egree		III			
Type of Re	lease			Thermal -	Magnetic	
Thermal				Variable (0	.8 - 1.0 <i>ln</i> )	
Magnetic				Fixed	(9 ln)	
Terminal C	apacity (without	spreaders)				
Cables with	n Lug (mm²)		35	1	20	185
Link (mm)			<u>≤</u> 17	≤ 26		<u>≤</u> 32
Overall Dir	mensions					
Width (3/4	Pole) (mm)		75 / 100	105	/140	140/184
Height (mn	n)		130	1	65	205
Depth (mm	1)		60	6	60	110.5
Weight (2/3	3/4 Pole) (kg)		0.85 / 1.1	1.5	5/2	4/5

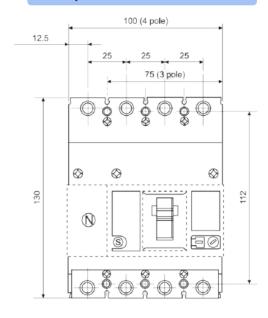
#### Mechanical Diagram:

#### E3U/E4U 100-125D MCCB

#### 2-Pole

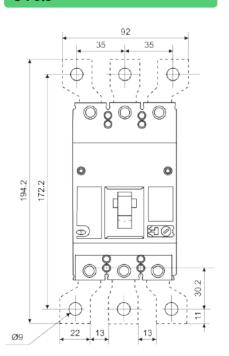


#### 3-Pole, 4-Pole

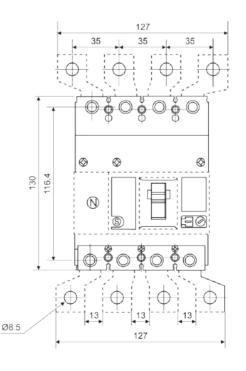


#### E3U/E4U 100-125D MCCB with Spreader Links

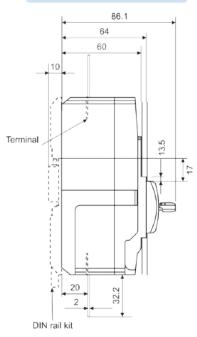
#### 3-Pole



#### 4-Pole



#### 2-Pole, 3-Pole, 4-Pole



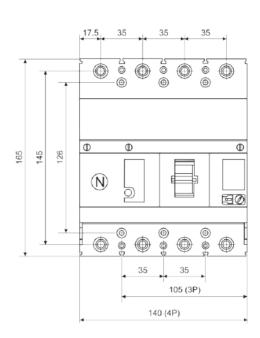
 $\label{eq:linkwidth} \begin{tabular}{ll} Link width (without spreader): $\leq 17mm$\\ Link width (with spreader): $22mm$\\ \end{tabular}$ 

#### E3U/E4U-250C/250D MCCB

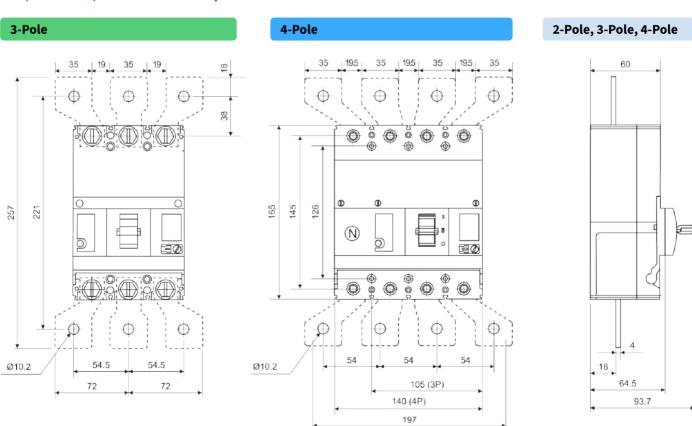
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#### 3-Pole, 4-Pole



#### E3U/E4U-250C/250D MCCB with Spreader Links



Link width (without spreader) : ≤26 mm Link width (with spreader) : 35 mm

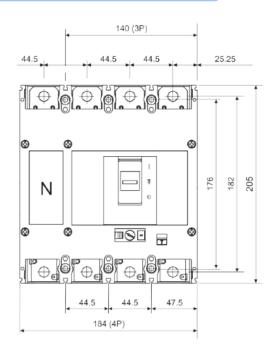
#### **E3U/E4U-400N MCCB**

#### 2-Pole

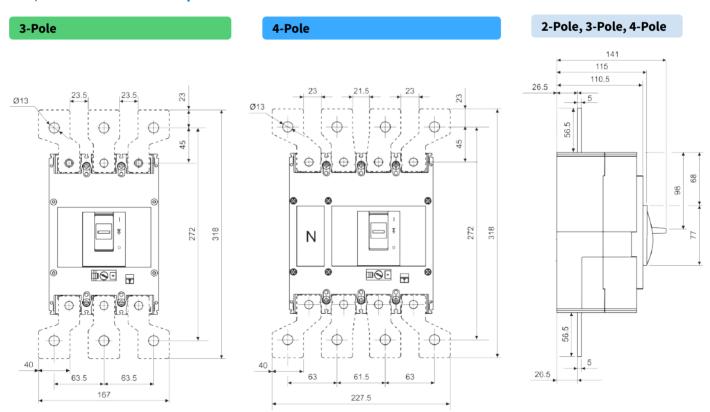
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#### 3-Pole, 4-Pole



#### E3U/E4U-400N MCCB with Spreader Links



Link width (without spreader) : ≤32 mm Link width (with spreader) : 40 mm



#### Microprocessor (LSIG) MCCBs

Microprocessor-based MCCBs are the latest innovation in circuit protection technology, offering precise and reliable protection against electrical faults. With advanced features such as adjustable trip settings, real-time monitoring, and communication capabilities, they provide greater flexibility and control over your electrical systems. These MCCBs also offer enhanced safety and efficiency, reducing the risk of electrical fires, equipment damage, and downtime. Plus, their compact design and ease of installation make them ideal for a variety of applications, from industrial plants to commercial buildings.

www.elmeasure.com



#### Ordering Information EWave Thermal Magnetic MCCBs

Frame	Model	CAT Code	Rating	kA Rating
		E3N250D0125	100-125A	
	E3N 250D	E3N250D0160	125-160A	
	E3N 250D	E3N250D0200	160-200A	
3 Pole		E3N250D0250	200-250A	
3 Pole	E3N 400D	E3N400D0320	250-320A	
	E3N 400D	E3N400D0400	320-400A	
	E3N 630D	E3N630D0500	400-500A	
	E3N 030D	E3N630D0630	500-630A	36kA
		E4N250D0125	100-125A	30101
	E3N 250D	E4N250D0160	125-160A	
	E3N 230D	E4N250D0200	160-200A	
4 Pole		E4N250D0250	200-250A	
4 Fole	E3N 400D	E4N400D0320	250-320A	
	E3N 400D	E4N400D0400	320-400A	
	E3N 630D	E4N630D0500	400-500A	
	E311 030D	E4N630D0630	500-630A	



- Ranges from 100A-630A
- Ics = 100% of Icu
- Adjustable overload setting 0.8 to 1.0 x In
- Adjustable short-circuit setting 6 to 10 x In

#### Ordering Information EWave Microprocessor LSIG MCCBs

Frame	Model	CAT Code	Rating	kA Rating
	E3Z 160DM	E3Z160DM0160	40-160A	
	E3N 250DM	E3N250DM0250	100-250A	36kA
3 Pole	E3N 400DM	E3N400DM0400	160-400A	SOKA
3 Pole	E3N 630DM	E3N630DM0630	250-630A	
	E3N 1250NM	E3N1250NM1000	400-1000A	50kA
	LSN 1230NW	E3N1250NM1250	500-1250A	JUKA
	E4Z 160DM	E4Z160DM0160	40-160A	
	E4N 250DM	E4N250DM0250	100-250A	36kA
4 Pole	E4N 400DM	E4N400DM0400	160-400A	SOKA
4 Pole	E4N 630DM	E4N630DM0630	250-630A	
	E4N 1250NM	E4N1250NM1000	400-1000A	50kA
	E4IN 123UINIM	E4N1250NM1250	500-1250A	JUKA



**Note:** Models are available with up to **100kA** breaking capacity, on request.

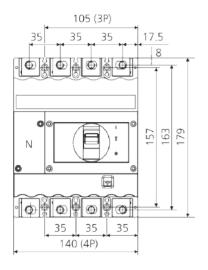
- Ranges from 40A-1250A
- Ics = 100% of I*cu*
- Adjustable overload setting 0.4 to 1.0 x In
- Adjustable short-circuit setting 1.5 to 8 x In
- In-built ground fault protection from 20% to 50% of In
- $\bullet \quad \hbox{In-built instantaneous protection against short circuits} \\$
- Adjustable neutral overload protection from 50–150% of Ir
- Variable trip class (LSIG) for advanced flexibility and customization
- Optional communication module for BEMS/SCADA

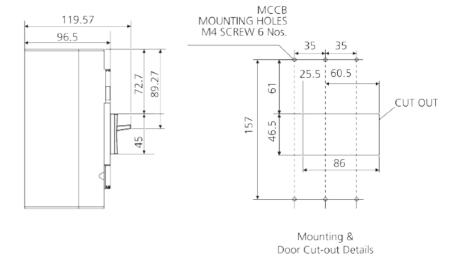
# **EWave Series** Technical specifications

West and			0000000	0.0000000000000000000000000000000000000	SAVE.			ď.					000000000								
Frame			100A	125A	250A	ď		25	250A		400A		400A			630A	4			1250A	
Type				E3N / E4N		e		E3N / E	E3N / E4N 250D		E3NB / E4NB		E3N / E4N			E3N / E4N	EAN			E3N / E4N	
			a U	2	٠	z	a	2	=	>		2	z	^	9	z	^	>	z	^	>
Release			M	ž	Σ	-		TM/MP (MTX1.0/2.0/3.0)	3.0)	MP (MTX 1.0/2.0/3.0)	MT	TMM	TMMJP (MTX1.0/2.0/3.0)	0/3:0)		(MTX1.0/2.0/3.0)	1.0/2.0/3.0)		MP (M	MP (MTX1.0/2.0/3.0)	6
Current Range I, (A)	(A) ,,		20, 25, 32, 40, 50, 63, 80, 100	125	125, 160, 250, 250	250		40, 63, 80, 100, 125, 160, 200, 250	0,	40, 63, 100, 160, 250	320, 400		320, 400			500, 630		400, 630	800	800, 1000, 1250	
Poles			3/4	3/4	3/			m	/4		3/4		3/4			3/4				3/4	ŧ
Impulse withstand Voltage U <sub>no</sub> (kV)	and Voltage	e U <sub>me</sub> (kv)	00	00	00				∞		00		00			00				00	
Rated Operational Voltage U <sub>c</sub> (V) (MAX)	nal Voltage	e U, (V) (MAX)	909	900	9			9	90		069		069			069				069	
Rated Insulation Voltage U, (V)	n Voltage U	(A) Y	800	800	800	0		80	800		800		800			800	0			800	
Utilization Category	gory		⋖	∢	∢				A		A	0 0 0	A			A				Ø	2.
Standard		***					15	4	15-	35.	IMEC50947-2, IEC51	347-2 & END	7-/560			0			13	2	
		240 VAC	40 65	R 74	55	50 5	22 %	70 100	0 100	00 00	35 50	22 %	20 25	00 rz	22 %	2 2	6 k	100	2 2	92 62	00 10
		O 41/4 COD C 41/4 COP		0 0	1 0	1 0	2 5	-	ŀ	200	200	2	000		200	0 0		201	2 2	2	2
	/ <sub>w</sub> (kA)	480 VAC/500 VAC 550 VAC	2 %	2 80	2 00	2 00	18			38 65	25	52 22	36	42	2 5	£ 8	75	S S	5 23	8 23	20 62
Short		600 VAC		2	2	2	16	18 22	ŀ	36	12	12	000	22	12	20	22	20	16	70	20
Circuit		690 VAC					10			36	2	00	15	20	00	2	15	20	10	82	20
Capacity		240 VAC	100% 50%	20%	20%	20%	100%	-	F	F	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
600000		415 VAC/440 VAC	100% 50%	20%	100%	20%	100%	%001 %001		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	1 30 00 1	480 VAC/500 VAC	100% 50%	-	20%	20%	-	100% 100%	Ŀ		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	™ o/ cp 5	550 VAC	100% 50%	20%	20%	20%	100%		%001 %		100%	100%	100%	100%	100%	%001	100%	%05	100%	100%	20%
		600 VAC	100% 50%	20%	20%	20%	100%	100% 100%	% 100%	20%	100%	100%	100%	100%	100%	100%	100%	20%	100%	100%	20%
		690 VAC				٠	20%	20% 20%	% 20%	20%	20%	20%	20%	9,09	50%	20%	20%	20%	20%	20%	20%
life	Mechanical		40000	40000	15000	00		25000		25000	10000		15000			15000		15000		20000	
	Electrical @1.01,	1.01,	12000 8000	4000	10000			10000		10000*	4000		4000			4000		4000*		3000*	
Making Capacity (kA)	ty (kA)		52.5 75.6	75.6	52.5	105	75.6	105 154	4 176	220	75.6	75.6	105	154	75.6	105	72	220	105	154	220
Operating Frequency (Hz)	(Hz)										20 / 60	09								:	
Total Opening Time	Lime .										<10msec	Sec								<20msec	
Finger-proof Terminals	rminals										Yes										
ID class	Iduoi										Orgi	0.5									
Pollution Degree	0										£ =										
Load Line Rias	B																				5
Ambient Temperature	erature										-5°C to 55°C	55°C									
Storage Temperature	rature										-35°C to 70°C	70°C									5.
Mounting Positions in Vertical Plane	ions in Verti	tical Plane									Vertical and 90 deg in both directions	in both direct	ions								
100	11.0	3-Pole	75 x 60 x 130	130	105 x 60 x 165	1x165		105 x 96 x 179	79		140 x 111 x 205	14	140 x 111.5 x 266	99		140 x 111.5 x 266	.5 x 266		210	210 x 143 x 370	
DIMENSIONS (WADAN) ININ	וווווו (שאקא	4-Pole	100 x 60 x 130	c 130	140 x 60 x 165	1 x 165		140 x 96 x 179	79		184 x 111 x 205	183	183.5 x 111.5 x 266	266		183.5 x 111.5 x 266	1.5 x 266		278	278 x 143 x 370	
Weight (kg) (3/4 Pole)	4 Pole)		0.8/1.1 0.73/1 0.73/1	1 0.73/1	1.55/2	12		2.5/3.3			4.0/5.0		5.5/7.2			8.779		6.3/8		17 / 22	
		Auxiliary Contact									1 C/0 or 2 C/0	58									
٨				1 C/O or 2 C/O	0				Š				8	~							
U	INTERNAL										100+100	100									
U		Shunt kelease	240	240/415 V AC 50 HZ	0 HZ							110 / 415 V AC 50 HZ, 110 / 220 V DC, 24 V DC \$	50 HZ, 110,	770 V DC,	24 V DC \$						
ш		Under Voltage Release									240 V AC 50 Hz	20 Hz									
S		Rotary Operating Mechanism (Direct/Extended)	`		`			,	30			-			,					##	
s		Electrical Operating Mechanism	×		×			`>			×				`					×	
0		Mechanical Interlock Kit	×		*			`			*				,					×	
∝ .	EYTEDNAL	Spreader Terminals	>		>			`>						`^						×	
	EVIENNAL		>		`			>						`						,	
ш 0		Neutral CT with Adaptor kit	×		×															,	
n		Current Metering Module	*		×																
		Display, Communication and Voltage Module	×		×																

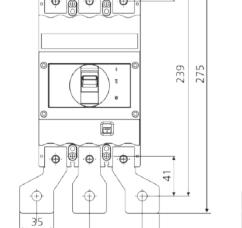
#### Mechanical Diagram:

#### E3N/E4N 250 D&DM MCCB





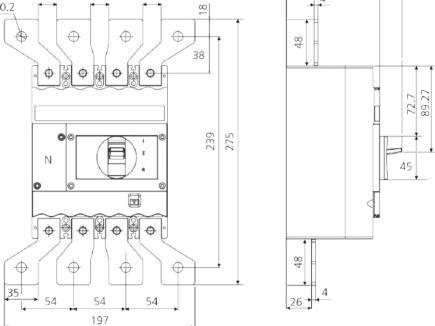
#### 119.57 96.5 910.2 19.5 19.5 96.5



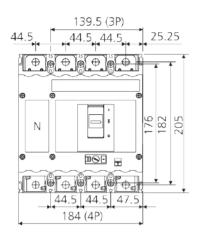
54.5

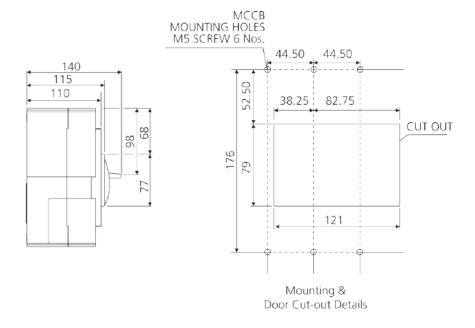
144

E3N/E4N 250 D&DM MCCB with Spreader Links

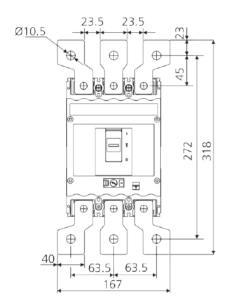


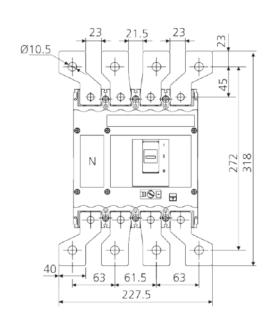
#### E3N400D/E4N400D MCCB

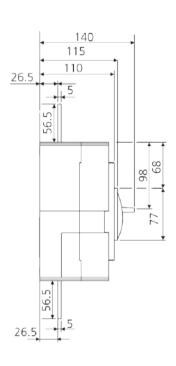




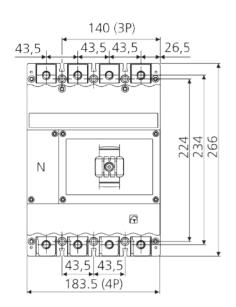
#### E3N400D/E4N400D MCCB with Spreader Links

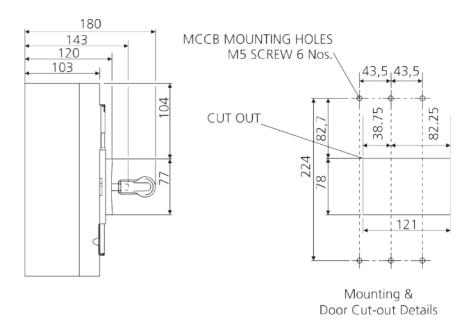




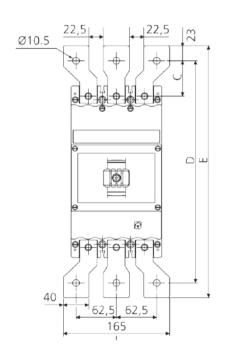


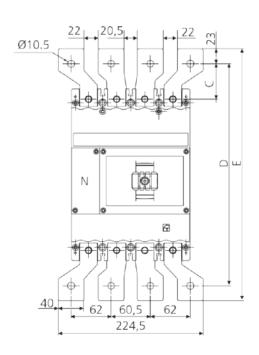
#### E3N/E4N 400/630 D&DM MCCB

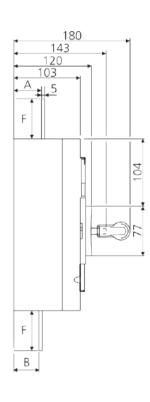




#### E3N/E4N 400/630 D&DM MCCB with Spreader Links

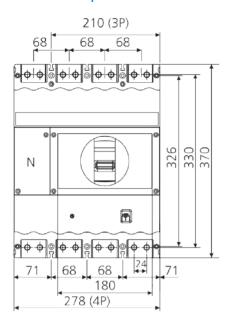


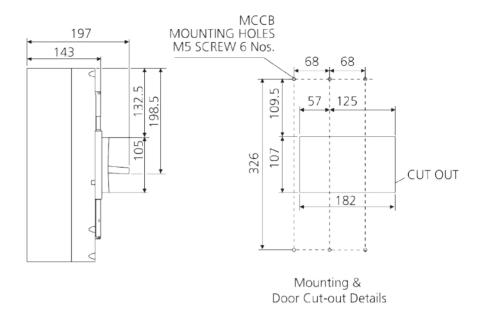




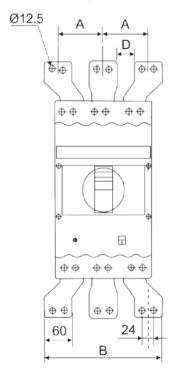
Type	DN3-400	DN3-630
Α	39	43
В	37	39
C	45	55
D	324	344
E	370	390
F	52	62

#### E3N1250NM/E4N1250NM MCCB



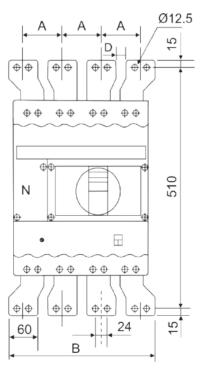


#### E3N1250NM/E4N1250NM MCCB with Spreader Links



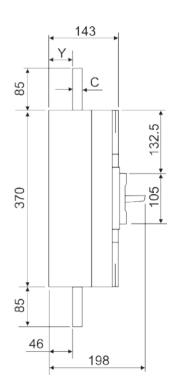
**3P Frame** 

Туре	Α	В	С	D
800A	98	256	6	38
1000A	98	256	12	38
1250A	86	232	20	26

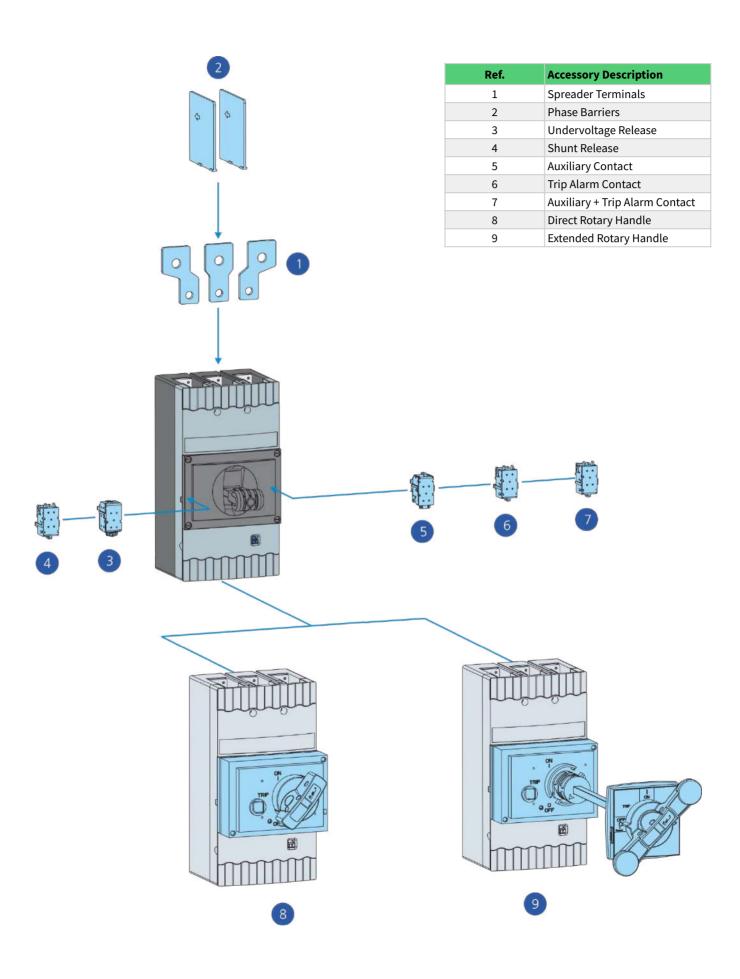


**4P Frame** 

Туре	Α	В	С	D
800A	88	324	6	28
1000A	88	324	12	28
1250A	80	300	20	20



#### **EWave MCCB Accessories**



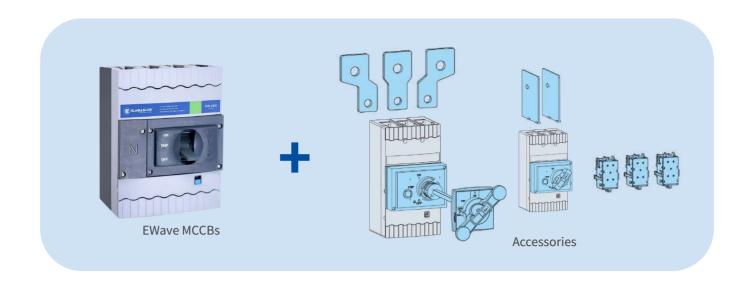


#### Accessories Ordering Info — E3Y/E4Y MCCBs

Frame	Model	CAT Code	Shunt Release	Spreader Terminal	U/V Release	Suitable ROM
		E3Y1250063				
3 Pole	E3Y 125	E3Y1250100				
	E3Y1250125	On Dominant	Included	On Donwood	EDOMEV13ELL	
		E4Y1250063	On Request	included	On Request	EROMEY125U
4 Pole	E4Y 125	E4Y1250100				
		E4Y1250125				

#### Accessories Ordering Info — E3U/E4U MCCBs

Frame	Model	CAT Code	Shunt Release	Spreader Terminal	U/V Release	Suitable ROM
		E3U100B0063				
2 D-1-	E3U 100B	E3U100B0080		STE3U100D		
3 Pole		E3U100B0100				
	E3U 125B	E3U125B0125		STE3U125D		EDOMENIO10E
		E4U100B0063				EROMEN0125
40.1	E4U 100B	E4U100B0080		STE4U100D		
4 Pole		E4U100B0100				
	E4N 125B	E4U125B0125		STE4U125D		
		E3U250C0160				
3 Pole	E3U 250C	E3U250C0200	SREU250C415V	STEN3250	UVEU250C240V	
		E3U250C0250	SREU250C415V		UVEU250C240V	
		E4U250C0160		STEN4250		
4 Pole	E4U 250C	E4U250C0200				
		E4U250C0250				EROMEU250C
		E3U250D0160		STEN3250		EROWE0250C
3 Pole	E3U 250D	E3U250D0200				
		E3U250D0250				
		E4U250D0160				
4 Pole	E4U 250D	E4U250D0200		STEN4250		
		E4U250D0250				
3 Pole	E4U 400N	E3U400N0320		STEN3400		
3 Fole	L40 400N	E3U400N0400	SRE1250N415V	31 LN3400	UVEN630D240V	EROMEN3630
4 Pole	E4U 400N	E4U400N0320	ORE 120014-10V	STEN4400	0 V L N 0 3 0 D 2 4 0 V	LICHILIASOSO
7 FUIC	L 10 40014	E4U400N0400		31 LIN <del>11</del> 00		

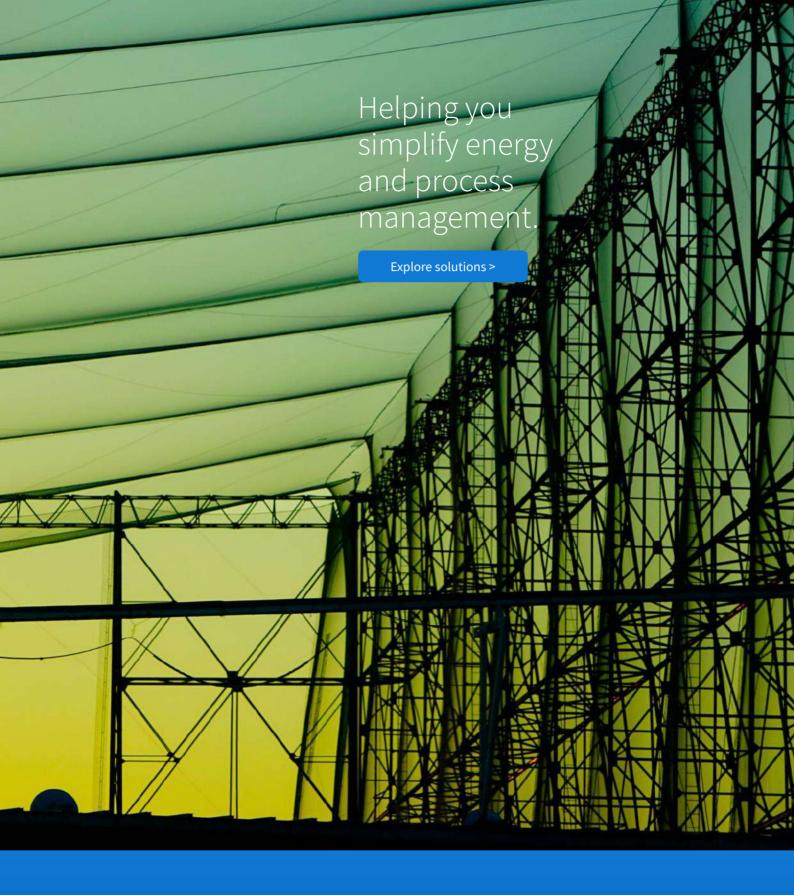


#### Accessories Ordering Info — EWave Thermal Magnetic MCCBs

Frame	Model	CAT Code	Shunt Release	Spreader Terminal	U/V Release	Suitable ROM
3 Pole	E3N 250D	E3N250D0125	SRE1250N415V	STEN3250	UVEN630D240V	EROMEN2250
		E3N250D0160				
		E3N250D0200				
		E3N250D0250				
	E3N 400D	E3N400D0320		STEN3400		EROMEN3630
		E3N400D0400				
	E3N 630D	E3N630D0500		STEN3630		
		E3N630D0630				
4 Pole	E3N 250D	E4N250D0125		STEN4250		EROMEN2250
		E4N250D0160				
		E4N250D0200				
		E4N250D0250				
	E3N 400D	E4N400D0320		STEN4400		EROMEN3630
		E4N400D0400				
	E3N 630D	E4N630D0500		STEN4630		
		E4N630D0630				

#### ${\sf Accessories\ Ordering\ Info-EWave\ Microprocessor\ MCCBs}$

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





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