

SPECIFICATION · MCB

# M2-E 10kA MCB



M2-E DIN RAIL

## FUNCTION & FEATURE

- Designed up to 10kA
- Compact Design for professional look
- Fast closing mechanism to increase service life
- Suitable for Isolation
- Guarantee operational safety at the downstream
- Designed to fix auxiliaries available for monitoring and remote tripping

### 01 TECHNICAL DATA

Rated Current (In)	A	6, 10, 16, 20, 25, 32, 40, 50, 63
Rated Voltage (Ue)	V	230/240, 400/415
Number of Poles	—	1P, 2P, 3P, 4P
Rated Breaking Capacity	Ultimate (Icn)	kA 10
	Service (Ics)	kA 7.5
Rated Frequency	Hz	50/60
IP Degree	—	IP20
Tripping Characteristics	—	B, C, D
Energy Limiting Class	—	3
Electrical Endurance	Cycles	4000
Mechanical Endurance	Cycles	10000
Rated Insulation Voltage (Ui)	V	500
Rated Impulse Withstand Voltage (Uimp)	kV	6
Cable Termination	mm <sup>2</sup>	25
Torque Screw	N.m	2.5
Terminal	—	Pillar Type

STANDARDS

**IEC/EN 60898-1 AS/NZS 60898.1**

<b>10000</b> <small>I<sub>CN</sub> · A</small>	<b>3</b> <small>CLASS</small>
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APPLICATIONS



Residential



Commercial



Industrial

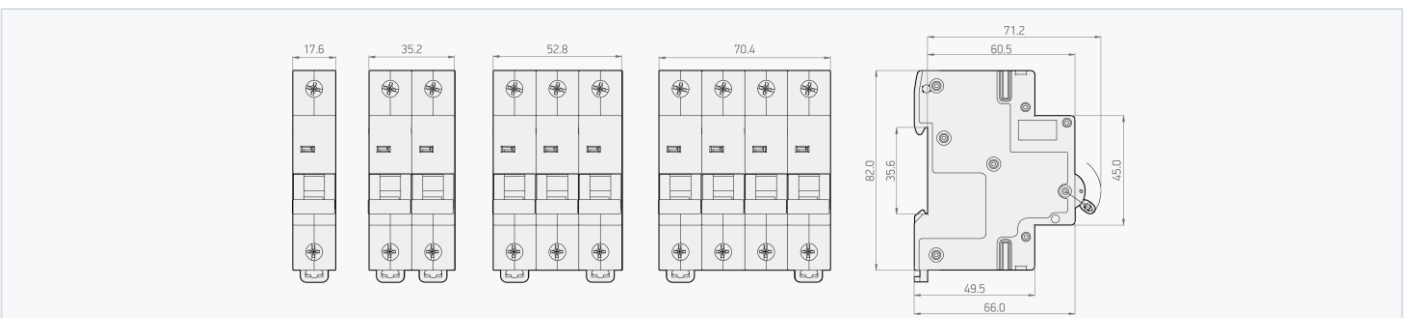
APPROVAL & MARKING



**RoHS**

### 02 DIMENSIONS

MM







ORDERING SYSTEM · 108 SKU

# M2-E 10kA MCB

108 references - 4 number of pole\*9 rated currents\*3 curves(B,C,D)



## 03 SELECTION MATRIX

B / C / D



POLES	<b>1P,2P,3P,4P</b>				
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### Ordering System

#### Characteristics B,C,D

Poles	1P			2P		
						
In A	B(3-5In)	C(5-10In)	D(10-20In)	B(3-5In)	C(5-10In)	D(10-20In)
6	M2E1B06	M2E1C06	M2E1D06	M2E2B06	M2E2C06	M2E2D06
10	M2E1B10	M2E1C10	M2E1D10	M2E2B10	M2E2C10	M2E2D10
16	M2E1B16	M2E1C16	M2E1D16	M2E2B16	M2E2C16	M2E2D16
20	M2E1B20	M2E1C20	M2E1D20	M2E2B20	M2E2C20	M2E2D20
25	M2E1B25	M2E1C25	M2E1D25	M2E2B25	M2E2C25	M2E2D25
32	M2E1B32	M2E1C32	M2E1D32	M2E2B32	M2E2C32	M2E2D32
40	M2E1B40	M2E1C40	M2E1D40	M2E2B40	M2E2C40	M2E2D40
50	M2E1B50	M2E1C50	M2E1D50	M2E2B50	M2E2C50	M2E2D50
63	M2E1B63	M2E1C63	M2E1D63	M2E2B63	M2E2C63	M2E2D63

#### Characteristics B,C,D

Poles	3P			4P		
						
In A	B(3-5In)	C(5-10In)	D(10-20In)	B(3-5In)	C(5-10In)	D(10-20In)
6	M2E3B06	M2E3C06	M2E3D06	M2E4B06	M2E4C06	M2E4D06
10	M2E3B10	M2E3C10	M2E3D10	M2E4B10	M2E4C10	M2E4D10
16	M2E3B16	M2E3C16	M2E3D16	M2E4B16	M2E4C16	M2E4D16
20	M2E3B20	M2E3C20	M2E3D20	M2E4B20	M2E4C20	M2E4D20
25	M2E3B25	M2E3C25	M2E3D25	M2E4B25	M2E4C25	M2E4D25
32	M2E3B32	M2E3C32	M2E3D32	M2E4B32	M2E4C32	M2E4D32
40	M2E3B40	M2E3C40	M2E3D40	M2E4B40	M2E4C40	M2E4D40
50	M2E3B50	M2E3C50	M2E3D50	M2E4B50	M2E4C50	M2E4D50
63	M2E3B63	M2E3C63	M2E3D63	M2E4B63	M2E4C63	M2E4D63