

SPECIFICATION · MCB

M1-E 6kA MCB



M1-E DIN RAIL

FUNCTION & FEATURE

- Designed up to 6kA
- 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 6
	Service (Ics)	kA 6
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	4
Cable Termination	mm ²	25
Torque Screw	N.m	2.5
Terminal	—	Pillar Type

STANDARDS
IEC/EN 60898-1 AS/NZS 60898.1

6000 I _{CN} · A	3 CLASS
------------------------------------	-------------------

APPLICATIONS

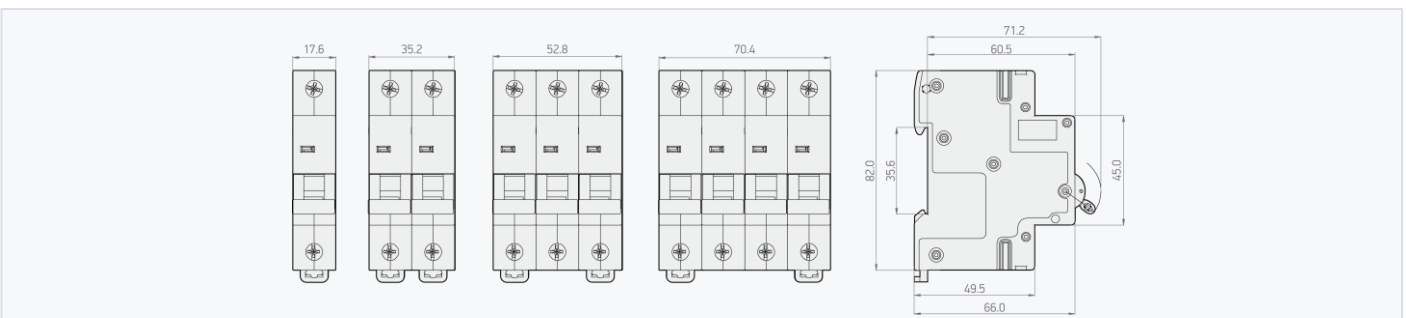


APPROVAL & MARKING



02 DIMENSIONS

MM







ORDERING SYSTEM · 108 SKU

M1-E 6kA MCB

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



03 SELECTION MATRIX

B / C / D



POLES	1P,2P,3P,4P				
-------	-------------	---	--	---	---

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	M1E1B06	M1E1C06	M1E1D06	M1E2B06	M1E2C06	M1E2D06
10	M1E1B10	M1E1C10	M1E1D10	M1E2B10	M1E2C10	M1E2D10
16	M1E1B16	M1E1C16	M1E1D16	M1E2B16	M1E2C16	M1E2D16
20	M1E1B20	M1E1C20	M1E1D20	M1E2B20	M1E2C20	M1E2D20
25	M1E1B25	M1E1C25	M1E1D25	M1E2B25	M1E2C25	M1E2D25
32	M1E1B32	M1E1C32	M1E1D32	M1E2B32	M1E2C32	M1E2D32
40	M1E1B40	M1E1C40	M1E1D40	M1E2B40	M1E2C40	M1E2D40
50	M1E1B50	M1E1C50	M1E1D50	M1E2B50	M1E2C50	M1E2D50
63	M1E1B63	M1E1C63	M1E1D63	M1E2B63	M1E2C63	M1E2D63

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	M1E3B06	M1E3C06	M1E3D06	M1E4B06	M1E4C06	M1E4D06
10	M1E3B10	M1E3C10	M1E3D10	M1E4B10	M1E4C10	M1E4D10
16	M1E3B16	M1E3C16	M1E3D16	M1E4B16	M1E4C16	M1E4D16
20	M1E3B20	M1E3C20	M1E3D20	M1E4B20	M1E4C20	M1E4D20
25	M1E3B25	M1E3C25	M1E3D25	M1E4B25	M1E4C25	M1E4D25
32	M1E3B32	M1E3C32	M1E3D32	M1E4B32	M1E4C32	M1E4D32
40	M1E3B40	M1E3C40	M1E3D40	M1E4B40	M1E4C40	M1E4D40
50	M1E3B50	M1E3C50	M1E3D50	M1E4B50	M1E4C50	M1E4D50
63	M1E3B63	M1E3C63	M1E3D63	M1E4B63	M1E4C63	M1E4D63