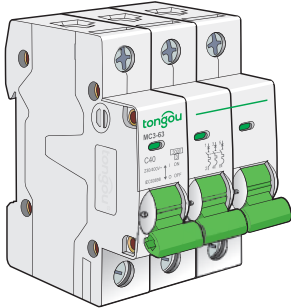


Protection
Circuit protection



TOMC3-63 Miniature Circuit Breaker (Curve B, C, D)

IEC 60947-2 AS/NZS 60898.1
IEC 60898-1
EN 60898-1



- TOMC3-63 circuit breakers are multi-standard circuit breakers which combine the following functions:
 - Circuit protection against short-circuit currents,
 - Circuit protection against overload currents,
 - Suitable for industrial isolation according to IEC/EN 60947-2, standard.

Main

Product or component type	Miniature circuit-breaker
Device application	Distribution
Poles description	3P
Number of protected poles	3
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B, C, D
Breaking capacity	4.5kA

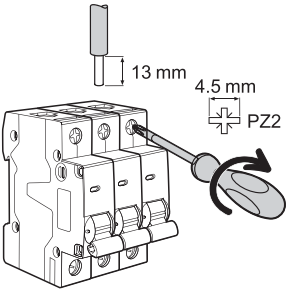


Complementary

[Ue] rated operational voltage	380V/415V AC	
Control type	Toggle	
Local signalling	ON/OFF indication	
Mounting mode	Clip-on	
Mounting support	DIN rail 35mm	
Colour	Grey	
Endurance (O-C)	Electrical	10,000 cycles
	Mechanical durability	20,000 cycles

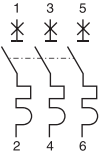
Environment

Standards	IEC 60947-2, IEC 60898-1, EN60898-1, AS/NES 60898.1
IP degree of protection	IP40 for modular enclosure conforming to IEC 60529
	IP20 conforming to IEC 60529
Operating altitude	2000 m
Ambient air temperature for operation	-35°C to +70°C
Ambient air temperature for storage	-40°C to +85°C

Connection

Rating	Tightening torque	Copper cables	
		Rigid	Flexible or ferrule
			
1 to 25 A	2 N.m	1 to 25 mm ²	1 to 16 mm ²
32 to 63 A	2.5 N.m	1 to 35 mm ²	1 to 25 mm ²

Catalog numbers

Type					Width 9 mm modules
3P	Rating (In)	B Curve	C Curve	D Curve	
	1A	TOMC3-63/3/B1	TOMC3-63/3/C1	TOMC3-63/3/D1	6
	3A	TOMC3-63/3/B3	TOMC3-63/3/C3	TOMC3-63/3/D3	
	5A	TOMC3-63/3/B5	TOMC3-63/3/C5	TOMC3-63/3/D5	
	6A	TOMC3-63/3/B6	TOMC3-63/3/C6	TOMC3-63/3/D6	
	10A	TOMC3-63/3/B10	TOMC3-63/3/C10	TOMC3-63/3/D10	
	16A	TOMC3-63/3/B16	TOMC3-63/3/C16	TOMC3-63/3/D16	
	20A	TOMC3-63/3/B20	TOMC3-63/3/C20	TOMC3-63/3/D20	
	25A	TOMC3-63/3/B25	TOMC3-63/3/C25	TOMC3-63/3/D25	
	32A	TOMC3-63/3/B32	TOMC3-63/3/C32	TOMC3-63/3/D32	
	40A	TOMC3-63/3/B40	TOMC3-63/3/C40	TOMC3-63/3/D40	
	50A	TOMC3-63/3/B50	TOMC3-63/3/C50	TOMC3-63/3/D50	
	63A	TOMC3-63/3/B63	TOMC3-63/3/C63	TOMC3-63/3/D63	

Dimensions (mm)

