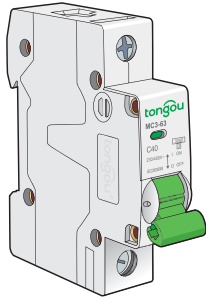




TOMC3-63 Miniature Circuit Breaker (Curve B, C, D)



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	1P
Number of protected poles	1
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B, C, D
Breaking capacity	4,5kA

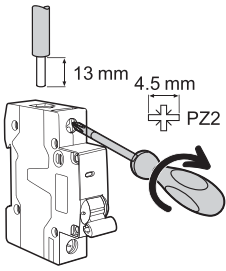
Complementary

[Ue] rated operational voltage	110 V , 230/240V 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
	2 N.m	1 to 25 mm ²	1 to 16 mm ²
	2.5 N.m	1 to 35 mm ²	1 to 25 mm ²

Catalog numbers

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

Dimensions (mm)

