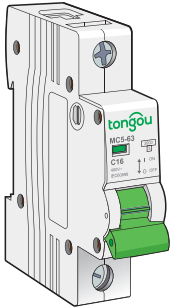


Protection
Circuit protection



TOMC5-63 Miniature Circuit Breaker (Curve B, C, D)



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

- TOMC5-63 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

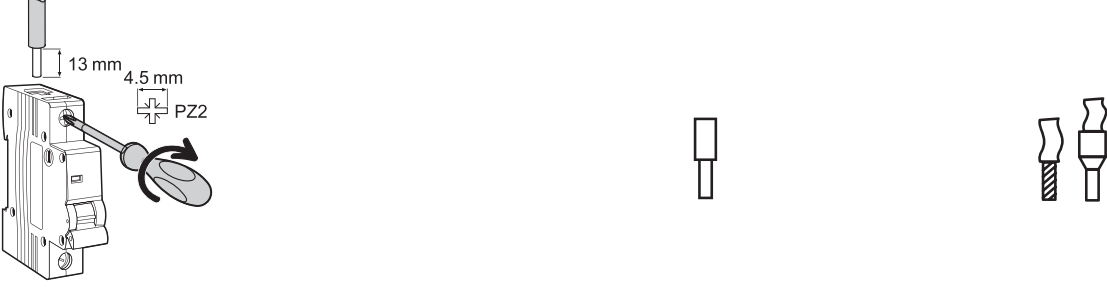
Complementary

[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
			
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
1P	Rating (In)	B Curve	C Curve	D Curve	
	1A	TOMC5-63/1/B1	TOMC5-63/1/C1	TOMC5-63/1/D1	2
	3A	TOMC5-63/1/B3	TOMC5-63/1/C3	TOMC5-63/1/D3	
	5A	TOMC5-63/1/B5	TOMC5-63/1/C5	TOMC5-63/1/D5	
	6A	TOMC5-63/1/B6	TOMC5-63/1/C6	TOMC5-63/1/D6	
	10A	TOMC5-63/1/B10	TOMC5-63/1/C10	TOMC5-63/1/D10	
	16A	TOMC5-63/1/B16	TOMC5-63/1/C16	TOMC5-63/1/D16	
	20A	TOMC5-63/1/B20	TOMC5-63/1/C20	TOMC5-63/1/D20	
	25A	TOMC5-63/1/B25	TOMC5-63/1/C25	TOMC5-63/1/D25	
	32A	TOMC5-63/1/B32	TOMC5-63/1/C32	TOMC5-63/1/D32	
	40A	TOMC5-63/1/B40	TOMC5-63/1/C40	TOMC5-63/1/D40	
	50A	TOMC5-63/1/B50	TOMC5-63/1/C50	TOMC5-63/1/D50	
	63A	TOMC5-63/1/B63	TOMC5-63/1/C63	TOMC5-63/1/D63	

Dimensions (mm)

