

TOMC5-63 circuit breakers are multi-standard circuit breakers which combine the following functions:

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

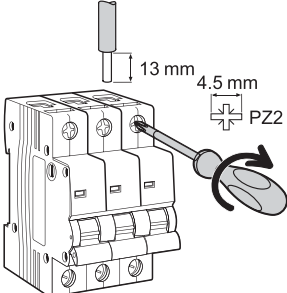
Complementary

[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

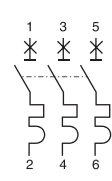
Environment

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

Dimensions (mm)

