

TRMX1-63 Miniature Circuit Breaker



□ TRMX1-63 miniature circuit breaker, suitable for lighting distribution systems (Type C) or motor distribution systems (Type D). Beautiful and compact appearance, light weight, excellent and reliable performance, high breaking capacity, quick release, guide rail installation, shell and components made of high flame retardant and impact resistant plastic, with a long service life. It is mainly used for overload and short circuit protection in AC 50Hz/60Hz, single-phase 230V/400V, second, third, and fourth pole 400V, current up to 63A, and can also be used to frequently turn on and off electrical devices and lighting circuits under normal circumstances.

□ This product complies with GB10963.1 and IEC60898-1 standards.

Main

Product or component type	Miniature circuit-breaker
Device application	Distribution
Poles description	1P/2P/3P/4P
Number of protected poles	1/2/3/4
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6kA

Complementary

rated operational voltage	U _e	1P:230/400V; 2P/3P/4P: 400V
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

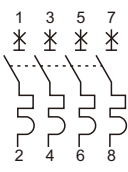
Environment

Standards	IEC 60947-2
IP degree of protection	IP40 for modular enclosure conforming to IEC 60529
	IP20 conforming to IEC 60529
Operating altitude	2000m
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

Product numbers

Type	Width 9 mm modules	
1P/2P/3P/4P	Rating(In)	C Curve
	1A	TRMX1-63/1/C1
	3A	TRMX1-63/1/C3
	5A	TRMX1-63/1/C5
	6A	TRMX1-63/1/C6
	10A	TRMX1-63/1/
	16A	C10TRMX1-63/1/
	20A	C16TRMX1-63/1/
	25A	C20TRMX1-63/1/
	32A	C25TRMX1-63/1/
	40A	C32TRMX1-63/1/
	50A	C40TRMX1-63/1/
	63A	C50TRMX1-63/1/
		2

Dimension (mm)

