



IEC 60947-2

■ TRMX6- 63DC 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,
- ☐ Fault tripping indication by a red mechanical indicator in circuit breaker front face.

Main

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

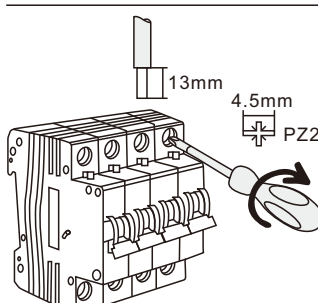
Complementary

rated operational voltage	U _e	1000V DC
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 mm²	1 to 16 mm²
32 to 63 A	2.5 N.m	1 to 35 mm²	1 to 25 mm²

Catalog numbers

Type				Width 9 mm modules
4P	Rating(In)	C Curve	D Curve	8
	1A	TRMX6-63DC/4/C1	TRMX6-63DC/4/D1	
	3A	TRMX6-63DC/4/C3	TRMX6-63DC/4/D3	
	5A	TRMX6-63DC/4/C5	TRMX6-63DC/4/D5	
	6A	TRMX6-63DC/4/C6	TRMX6-63DC/4/D6	
	10A	TRMX6-63DC/4/C10	TRMX6-63DC/4/D10	
	16A	TRMX6-63DC/4/C16	TRMX6-63DC/4/D16	
	20A	TRMX6-63DC/4/C20	TRMX6-63DC/4/D20	
	25A	TRMX6-63DC/4/C25	TRMX6-63DC/4/D25	
	32A	TRMX6-63DC/4/C32	TRMX6-63DC/4/D32	
	40A	TRMX6-63DC/4/C40	TRMX6-63DC/4/D40	
	50A	TRMX6-63DC/4/C50	TRMX6-63DC/4/D50	
	63A	TRMX6-63DC/4/C63	TRMX6-63DC/4/D63	

Dimensions (mm)

