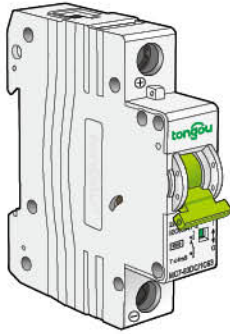




## IEC 60947-2



■ TOMC7DC-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	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6kA

### Complementary

[Ue] rated operational voltage	250V 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	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 <sup>2</sup>	1 to 16 mm <sup>2</sup>
32 to 63 A	2.5 N.m	1 to 35 mm <sup>2</sup>	1 to 25 mm <sup>2</sup>

## Catalog numbers

Type	Width 9 mm modules		
1P	Rating (In)	C Curve	D Curve
	1A	TOMC7DC-63/1/C1	TOMC7DC-63/1/D1
	3A	TOMC7DC-63/1/C3	TOMC7DC-63/1/D3
	5A	TOMC7DC-63/1/C5	TOMC7DC-63/1/D5
	6A	TOMC7DC-63/1/C6	TOMC7DC-63/1/D6
	10A	TOMC7DC-63/1/C10	TOMC7DC-63/1/D10
	16A	TOMC7DC-63/1/C16	TOMC7DC-63/1/D16
	20A	TOMC7DC-63/1/C20	TOMC7DC-63/1/D20
	25A	TOMC7DC-63/1/C25	TOMC7DC-63/1/D25
	32A	TOMC7DC-63/1/C32	TOMC7DC-63/1/D32
	40A	TOMC7DC-63/1/C40	TOMC7DC-63/1/D40
	50A	TOMC7DC-63/1/C50	TOMC7DC-63/1/D50
	63A	TOMC7DC-63/1/C63	TOMC7DC-63/1/D63

## Dimensions (mm)

