



## 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.
- 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	2P
Number of protected poles	2
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6kA

### Complementary

[Ue] rated operational voltage	800V 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	Rating (In)	C Curve	D Curve	Width 9 mm modules
	1A	TOMC7DC-63/2/C1	TOMC7DC-63/2/D1	4
	3A	TOMC7DC-63/2/C3	TOMC7DC-63/2/D3	
	5A	TOMC7DC-63/2/C5	TOMC7DC-63/2/D5	
	6A	TOMC7DC-63/2/C6	TOMC7DC-63/2/D6	
	10A	TOMC7DC-63/2/C10	TOMC7DC-63/2/D10	
	16A	TOMC7DC-63/2/C16	TOMC7DC-63/2/D16	
	20A	TOMC7DC-63/2/C20	TOMC7DC-63/2/D20	
	25A	TOMC7DC-63/2/C25	TOMC7DC-63/2/D25	
	32A	TOMC7DC-63/2/C32	TOMC7DC-63/2/D32	
	40A	TOMC7DC-63/2/C40	TOMC7DC-63/2/D40	
	50A	TOMC7DC-63/2/C50	TOMC7DC-63/2/D50	
	63A	TOMC7DC-63/2/C63	TOMC7DC-63/2/D63	

## Dimensions (mm)

