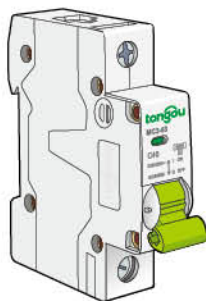




TOMC3-63 Miniature Circuit Breaker (Curve B, C, D)



IEC 60947-2 AS/NZS 60898.1

IEC 60898-1

EN 60898-1

■ TOMC3-63 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	AC
Trip unit technology	Thermal-magnetic
Curve code	B, C, D
Breaking capacity	4.5kA

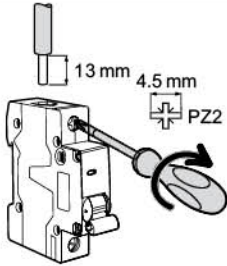
Complementary

[Ue] rated operational voltage		110 V , 230/240V 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

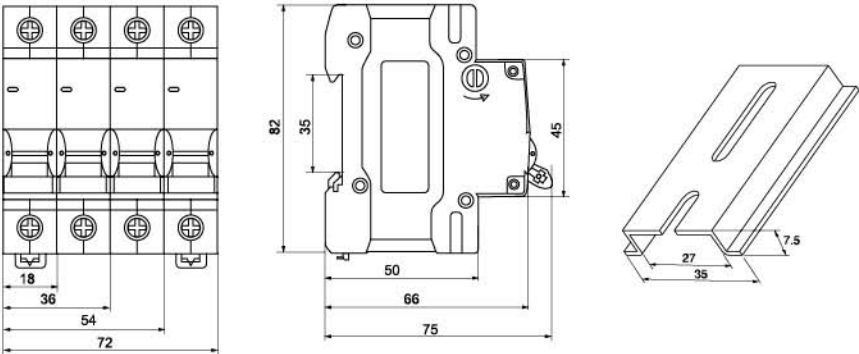
Connection

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

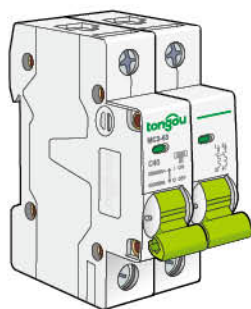
Type					Width 9 mm modules
1P	Rating (In)	B Curve	C Curve	D Curve	
	1A	TOMC3-63/1/B1	TOMC3-63/1/C1	TOMC3-63/1/D1	2
	3A	TOMC3-63/1/B3	TOMC3-63/1/C3	TOMC3-63/1/D3	
	5A	TOMC3-63/1/B5	TOMC3-63/1/C5	TOMC3-63/1/D5	
	6A	TOMC3-63/1/B6	TOMC3-63/1/C6	TOMC3-63/1/D6	
	10A	TOMC3-63/1/B10	TOMC3-63/1/C10	TOMC3-63/1/D10	
	16A	TOMC3-63/1/B16	TOMC3-63/1/C16	TOMC3-63/1/D16	
	20A	TOMC3-63/1/B20	TOMC3-63/1/C20	TOMC3-63/1/D20	
	25A	TOMC3-63/1/B25	TOMC3-63/1/C25	TOMC3-63/1/D25	
	32A	TOMC3-63/1/B32	TOMC3-63/1/C32	TOMC3-63/1/D32	
	40A	TOMC3-63/1/B40	TOMC3-63/1/C40	TOMC3-63/1/D40	
	50A	TOMC3-63/1/B50	TOMC3-63/1/C50	TOMC3-63/1/D50	
	63A	TOMC3-63/1/B63	TOMC3-63/1/C63	TOMC3-63/1/D63	

Dimensions (mm)





TOMC3-63 Miniature Circuit Breaker (Curve B, C, D)



IEC 60947-2 AS/NZS 60898.1

IEC 60898-1

EN 60898-1

■ TOMC3-63 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	2P
Number of protected poles	2
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B, C, D
Breaking capacity	4.5kA

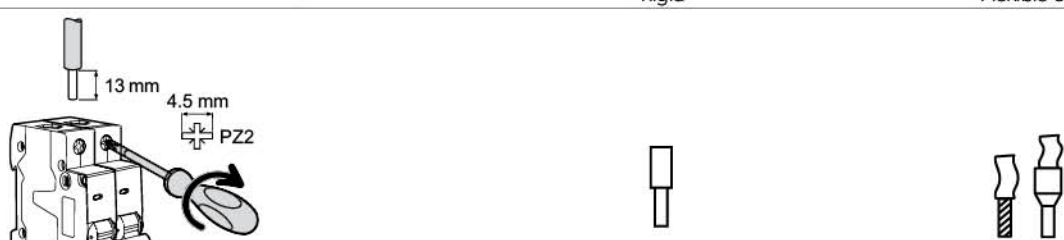
Complementary

[Ue] rated operational voltage		230V/240V, 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

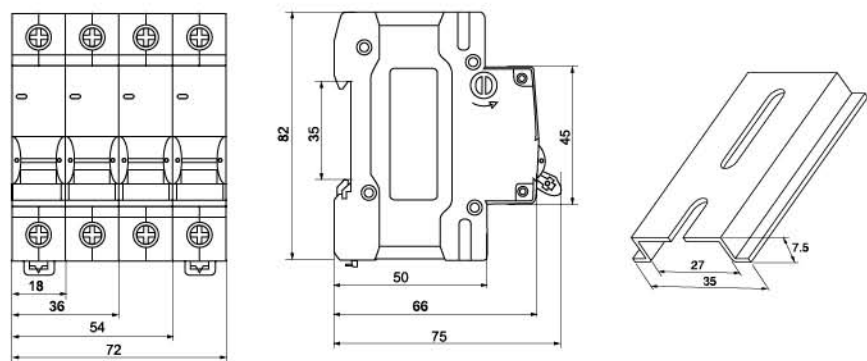
Connection

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
2P	Rating (In)	B Curve	C Curve	D Curve	
	1A	TOMC3-63/2/B1	TOMC3-63/2/C1	TOMC3-63/2/D1	4
	3A	TOMC3-63/2/B3	TOMC3-63/2/C3	TOMC3-63/2/D3	
	5A	TOMC3-63/2/B5	TOMC3-63/2/C5	TOMC3-63/2/D5	
	6A	TOMC3-63/2/B6	TOMC3-63/2/C6	TOMC3-63/2/D6	
	10A	TOMC3-63/2/B10	TOMC3-63/2/C10	TOMC3-63/2/D10	
	16A	TOMC3-63/2/B16	TOMC3-63/2/C16	TOMC3-63/2/D16	
	20A	TOMC3-63/2/B20	TOMC3-63/2/C20	TOMC3-63/2/D20	
	25A	TOMC3-63/2/B25	TOMC3-63/2/C25	TOMC3-63/2/D25	
	32A	TOMC3-63/2/B32	TOMC3-63/2/C32	TOMC3-63/2/D32	
	40A	TOMC3-63/2/B40	TOMC3-63/2/C40	TOMC3-63/2/D40	
	50A	TOMC3-63/2/B50	TOMC3-63/2/C50	TOMC3-63/2/D50	
	63A	TOMC3-63/2/B63	TOMC3-63/2/C63	TOMC3-63/2/D63	

Dimensions (mm)



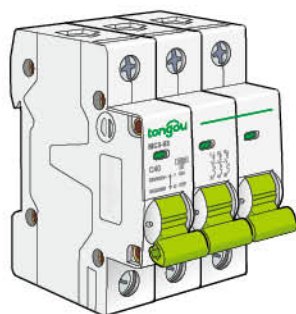
Protection

Circuit protection



TOMC3-63 Miniature Circuit Breaker

(Curve B, C, D)



IEC 60947-2 AS/NZS 60898.1

IEC 60898-1

EN 60898-1

■ TOMC3-63 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	3P
Number of protected poles	3
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B, C, D
Breaking capacity	4.5kA

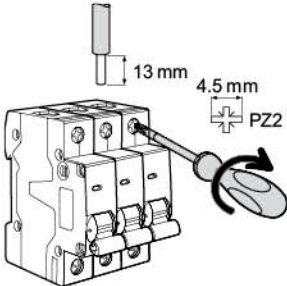
Complementary

[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

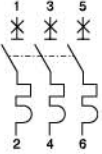
Environment

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

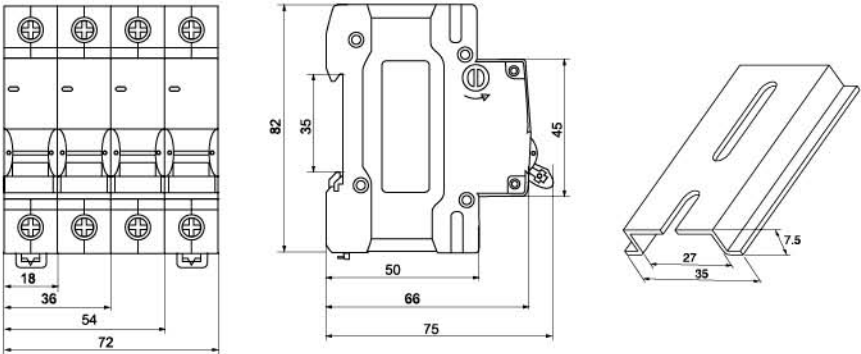
Connection

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	TOMC3-63/3/B1	TOMC3-63/3/C1	TOMC3-63/3/D1	6
	3A	TOMC3-63/3/B3	TOMC3-63/3/C3	TOMC3-63/3/D3	
	5A	TOMC3-63/3/B5	TOMC3-63/3/C5	TOMC3-63/3/D5	
	6A	TOMC3-63/3/B6	TOMC3-63/3/C6	TOMC3-63/3/D6	
	10A	TOMC3-63/3/B10	TOMC3-63/3/C10	TOMC3-63/3/D10	
	16A	TOMC3-63/3/B16	TOMC3-63/3/C16	TOMC3-63/3/D16	
	20A	TOMC3-63/3/B20	TOMC3-63/3/C20	TOMC3-63/3/D20	
	25A	TOMC3-63/3/B25	TOMC3-63/3/C25	TOMC3-63/3/D25	
	32A	TOMC3-63/3/B32	TOMC3-63/3/C32	TOMC3-63/3/D32	
	40A	TOMC3-63/3/B40	TOMC3-63/3/C40	TOMC3-63/3/D40	
	50A	TOMC3-63/3/B50	TOMC3-63/3/C50	TOMC3-63/3/D50	
	63A	TOMC3-63/3/B63	TOMC3-63/3/C63	TOMC3-63/3/D63	

Dimensions (mm)



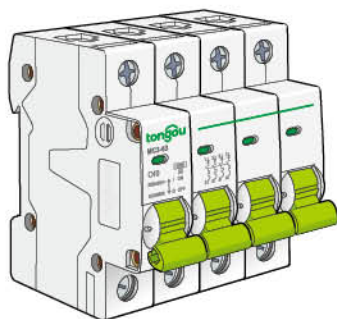
Protection

Circuit protection



TOMC3-63 Miniature Circuit Breaker

(Curve B, C, D)



IEC 60947-2 AS/NZS 60898.1

IEC 60898-1

EN 60898-1

■ TOMC3-63 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	4P
Number of protected poles	4
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B, C, D
Breaking capacity	4.5kA

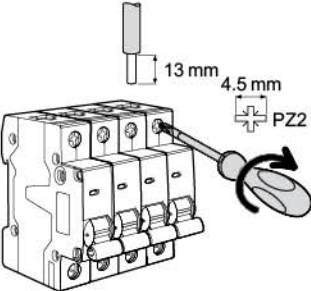
Complementary

[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
4P	Rating (In)	B Curve	C Curve	D Curve	
	1A	TOMC3-63/4/B1	TOMC3-63/4/C1	TOMC3-63/4/D1	8
	3A	TOMC3-63/4/B3	TOMC3-63/4/C3	TOMC3-63/4/D3	
	5A	TOMC3-63/4/B5	TOMC3-63/4/C5	TOMC3-63/4/D5	
	6A	TOMC3-63/4/B6	TOMC3-63/4/C6	TOMC3-63/4/D6	
	10A	TOMC3-63/4/B10	TOMC3-63/4/C10	TOMC3-63/4/D10	
	16A	TOMC3-63/4/B16	TOMC3-63/4/C16	TOMC3-63/4/D16	
	20A	TOMC3-63/4/B20	TOMC3-63/4/C20	TOMC3-63/4/D20	
	25A	TOMC3-63/4/B25	TOMC3-63/4/C25	TOMC3-63/4/D25	
	32A	TOMC3-63/4/B32	TOMC3-63/4/C32	TOMC3-63/4/D32	
	40A	TOMC3-63/4/B40	TOMC3-63/4/C40	TOMC3-63/4/D40	
	50A	TOMC3-63/4/B50	TOMC3-63/4/C50	TOMC3-63/4/D50	
	63A	TOMC3-63/4/B63	TOMC3-63/4/C63	TOMC3-63/4/D63	

Dimensions (mm)

