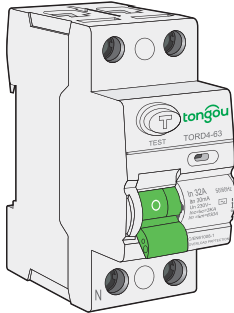


Protection
Circuit protection



TORD4-63 Residual Current Circuit Breaker (AC, A type)



IEC 61008-1
EN61008-1
AS/NZS 61008-1

- The TORD4-63 residual current circuit breakers provide:
 - Protection of persons against electric shock by direct contact (I_n 30 mA),
 - Protection of persons against electric shock by indirect contact (I_n 100 mA),
 - Protection of installations against the risk of fire (300 mA or 500 mA).

Main

Product or component type	Residual current
Device application	Distribution
Poles description	1P+N / 2P
Number of protected poles	2
Network type	AC , A
Rated residual operating current I_n (mA)	10 , 30 , 100 , 300 , 500
Rated frequency	50/60Hz
Rated aimpulse voithstand voltage (U_{imp})	6kV
Retad conditional residual short-circuit current $I_{\Delta c}$	6kA

Complementary

[U_e] 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
Electro-mechanical endurance	\geq 20,000 cycles

Environment

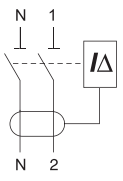
Standards	IEC 61009-1 , EC 61008-1 , AS/NZS 61008-1
IP degree of protection	IP40 for modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Operating altitude	2000 m
Ambient air temperature for operation	-5°C to +60°C
Ambient air temperature for storage	-40°C to +85°C

Catalogue numbers

TORD4-63 RCCB

Type Product AC Width in 9 mm module

Auxiliaries

2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA
	Rating	16A	TORD4-63/2/16/001	-	-	-
	25A	TORD4-63/2/25/001	TORD4-63/2/25/003	-	TORD4-63/2/25/03	TORD4-63/2/25/05
	40A	-	TORD4-63/2/40/003	TORD4-63/2/40/01	TORD4-63/2/40/03	TORD4-63/2/40/05
	63A	-	TORD4-63/2/63/003	TORD4-63/2/63/01	TORD4-63/2/63/03	TORD4-63/2/63/05
	80A	-	TORD4-63/2/80/003	TORD4-63/2/80/01	TORD4-63/2/80/03	-
	100A	-	TORD4-63/2/100/003	TORD4-63/2/100/01	TORD4-63/2/100/03	-

4

Voltage rating (Ue) 2P 110 - 240 V

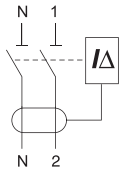
Operating frequency 50/60Hz

Catalogue numbers

TORD4A-63 RCCB

Type Product A Width in 9 mm module

Auxiliaries

2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA
	Rating	16A	TORD4A-63/2/16/001	-	-	-
	25A	TORD4A-63/2/25/001	TORD4A-63/2/25/003	-	TORD4A-63/2/25/03	-
	40A	-	TORD4A-63/2/40/003	-	TORD4A-63/2/40/03	TORD4A-63/2/40/05
	63A	-	TORD4A-63/2/63/003	-	TORD4A-63/2/63/03	TORD4A-63/2/63/05
	100A	-	TORD4A-63/2/100/003	-	TORD4A-63/2/100/03	TORD4A-63/2/100/05

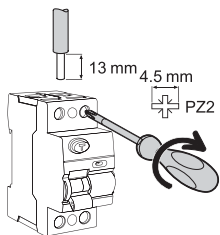
4

Voltage rating (Ue) 2P 110 - 240 V

Operating frequency 50/60Hz

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

Dimensions (mm)

