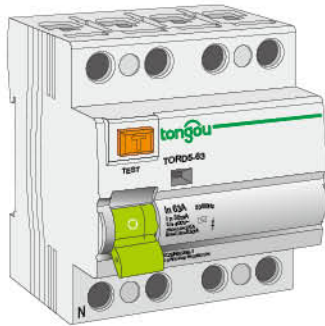




TORD5-63 Residual Current Circuit Breaker (AC, A type)



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

- The TORD5-63 residual current circuit breakers provide:
 - Protection of persons against electric shock by direct contact (y 30 mA),
 - Protection of persons against electric shock by indirect contact (u 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	3P+N / 4P
Number of protected poles	4
Network type	AC
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	380/415V AC
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail 35mm
Colour	Grey
Electro-mechanical endurance	≥ 4000 cycles

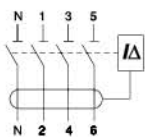
Environment

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

TORD5-63 RCCB


Type Product	AC						Width in 9 mm module
Auxiliaries							
4P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	
	Rating	25A	-	TORD5-63/4/25/003	-	TORD5-63/4/25/03	TORD5-63/4/25/05
		40A	-	TORD5-63/4/40/003	TORD5-63/4/40/01	TORD5-63/4/40/03	TORD5-63/4/40/05
		63A	-	TORD5-63/4/63/003	TORD5-63/4/63/01	TORD5-63/4/63/03	TORD5-63/4/63/05
		80A	-	TORD5-63/4/80/003	TORD5-63/4/80/01	TORD5-63/4/80/03	TORD5-63/4/80/05
		100A	-	TORD5-63/4/100/003	TORD5-63/4/100/01	TORD5-63/4/100/03	-
Voltage rating (Ue)	4P	400 - 415 V					
Operating frequency	50/60Hz						

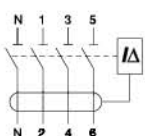


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Catalogue numbers

TORD5A-63 RCCB

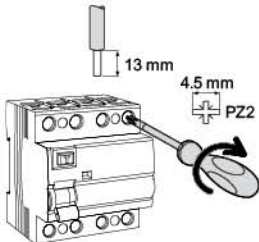
Type Product	A						Width in 9 mm module
Auxiliaries							
4P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	
	Rating	25A	-	TORD5A-63/4/25/003	-	TORD5A-63/4/25/03	-
		40A	-	TORD5A-63/4/40/003	TORD5A-63/4/40/01	TORD5A-63/4/40/03	TORD5A-63/4/40/05
		63A	-	TORD5A-63/4/63/003	TORD5A-63/4/63/01	TORD5A-63/4/63/03	TORD5A-63/4/63/05
		80A	-	TORD5A-63/4/80/003	-	TORD5A-63/4/80/03	TORD5A-63/4/80/05
		100A	-	TORD5A-63/4/100/003	-	TORD5A-63/4/100/03	TORD5A-63/4/100/05
Voltage rating (Ue)	4P	400 - 415 V					
Operating frequency	50/60Hz						





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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)

