RCCB

IS/IEC 60898-1

CURO Series — Residual Current Circuit Breakers

Provides protection against electric shock
and fire by detecting earth leakage currents
and disconnecting the circuit.

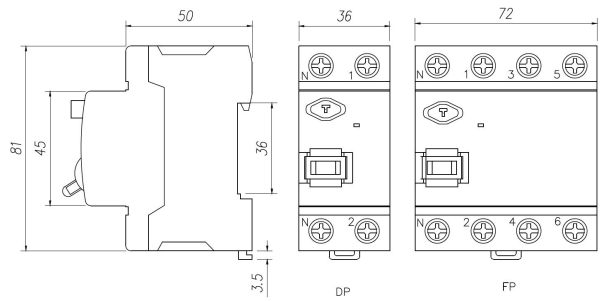


RCCB Quickspecs	
Pole Options	2 Pole / 4 Pole
Operating Characteristic	Type AC
Rated Residual Current (IΔn)	30 mA / 100 mA / 300 mA
Rated Current (In)	25A / 40A / 63A
Rated Operational Voltage (Ue)	2P: 240V / 4P: 415 V

Technical Specifications



Parameters	Specification details
Compliance Standard	IS 12640-1 ; IEC 61008-1
CONFIGURATION & TYPE	
Mode	M (Electromagnetic Type)
Operating Characteristic	Type AC (General Type)
Pole Options	2 Pole / 4 Pole
Line Voltage Dependency	Independent
ELECTRICAL RATINGS	
Rated Residual Current (IΔn)	30 mA / 100 mA / 300 mA
Rated Current (In)	25 A / 40 A / 63 A
Rated Operational Voltage (Ue)	2P: 240 V / 4P: 415 V
Rated Insulation Voltage (Ui)	500 V
Rated Frequency	50 Hz
Power Frequency Withstand Voltage	2 kV for 60 s
Rated Impulse Withstand Voltage (Uimp)	4 kV
Surge Voltage	2 kV
Rated Conditional Short-Circuit Current (Inc)	6 kA
RESIDUAL CURRENT PERFORMANCE	
Action Time	≤ 100 ms (Instant)
Time Delay According to Product Type	Without time delay
DURABILITY & FUNCTIONAL	
Electrical Life	4,000 operations
Mechanical Life	4,000 operations
Contact Status Indication	Yes
Fault Indication Window	Yes
ENVIRONMENTAL & OPERATING CONDITIONS	
Ingress Protection (IP)	IP20
Vibration	3 g
Pollution Degree	2
Operating Temperature	-25°C to +40°C (daily average < 35°C)
Storage Temperature	-25°C to +60°C
INSTALLATION & TERMINATION	
Mount	DIN rail
Max. Termination Capacity – Hard/Solid Wire	35 mm^2
Max. Termination Capacity – Flexible Wire	25 mm^2
Tightening Torque	3.0 N·m
Installation Position	Vertical / Horizontal



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