

Product sheet

AC Type Residual Current Circuit Breaker 2P 40A 30mA

Brand: SCHNEIDER

Reference: IMPO A9R55240



AC type residual current circuit breaker, 2 poles, 40 A, 30 mA sensitivity, with instantaneous earth leakage protection. Designed for AC networks 220-240 V, 50/60 Hz. Compatible with DIN rail, withstands conditional short-circuit current of 4500 A and voltage surge resistance of 4 kV.

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Description

AC type residual current circuit breaker, 2 poles, designed to protect single-phase circuits against earth leakage currents. Installed on DIN rail, provides instantaneous protection with 30 mA sensitivity, suitable for AC networks 220-240 V, 50/60 Hz. Compatible with electrical panels via adjustable clip mounting.

Technical Specifications

- Number of poles: 2P
- Neutral position: Left
- Rated current [In]: 40 A
- Network type: AC
- Earth leakage sensitivity: 30 mA
- Protection delay: Instantaneous
- Protection class: Type AC
- Rated operational voltage [Ue]: 220...240 V AC 50/60 Hz
- Rated insulation voltage [Ui]: 440 V AC 50/60 Hz
- Surge voltage withstand [Uimp]: 4 kV
- Make and break capacity: Idm 500 A, Im 500 A
- Conditional short-circuit current: Inc 4500 A
- Tripping technology: Voltage-independent
- Protection degree: IP20 (activate/deactivate Ig IP40 - cable type: modular enclosure)

- Contamination degree: 2
- Electromagnetic compatibility: Surge resistance 8/20 μs, 200 A (in accordance with EN/IEC 61008-1)
- Standards: EN/IEC 61008-1
- Operating ambient temperature: -5...60 °C
- Mechanical durability: 5000 cycles
- Electrical durability: AC-1, state 1, 2000 cycles
- Color: White
- Weight: 0.21 kg
- Height: 85 mm
- Width: 36 mm
- Depth: 69 mm
- Terminals: Tunnel-type terminals above or below, 1...35 mm² rigid, 1...25 mm² flexible, with terminal
- Stripping length: 16 mm for above or below connection
- Tightening torque: 3.5 N·m above or below
- Lockable switch device
- Mounting support: DIN rail
- Spacing: 9 mm, 4 steps
- Sustainable offering status: Green Premium product
- REACH Regulation: No SVHC content
- EU RoHS Directive: Compliant
- RoHS exemptions: Yes
- China RoHS regulation: Product outside China RoHS scope
- WEEE: Must be disposed of according to specific system in the EU
- Halogen content: No halogens in plastics and cables

Specifications

Frequency	50/60 Hz
Rated current (A)	40
Width	36 mm
Class	AC
Sensitivity	30 mA
EAN	3606480688256
Manufacturer	SCHNEIDER
Long	85 mm
Halogen-free	Yes
No. of poles	2P
Weight (kg)	0,21
Depth	69 mm
Protection	IP20
Nominal voltage (V)	220...240

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