

Product sheet

Miniature Circuit Breaker Acti9 iC60N 2P 6 A Curve B

Brand: SCHNEIDER

Reference: IMPO A9F76206



Miniature circuit breaker 2P, 6 A, Curve B, with breaking capacity of 6000 A (IEC 60898-1) and 10 kA (IEC 60947-2), designed to protect electrical circuits in industrial and commercial installations. Compatible with DIN rail mounting, supports voltages up to 440 V AC, and operates in temperature ranges from -35 to 70 °C.

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Description

Miniature circuit breaker 2P, with nominal current of 6 A and Curve B, designed to protect AC electrical circuits. Its thermal-magnetic technology enables rapid disconnection in case of overloads and short circuits. Suitable for applications where current exceeds 0.1 A.

Technical Features

- Number of poles: 2P
- Number of protected poles: 2
- Nominal current [In]: 6 A
- Network type: Alternating current AC
- Trip unit technology: Thermal-magnetic
- Curve code: B
- Breaking capacity: 6000 A Icn at 400 V AC 50/60 Hz (IEC 60898-1)
- Service breaking capacity [Ics]: 15 kA 75% (220...240 V AC), 7.5 kA 75% (380...415 V AC), 4.5 kA 75% (440 V AC)
- Rated operating voltage [Ue]: 220...240 V AC, 400 V AC, 380...415 V AC, 440 V AC, 12...133 V AC, 72...125 DC
- Rated insulation voltage [Ui]: 500 V AC
- Surge voltage withstand: 6 kV
- Limitation class: 3
- Standards: IEC 60898-1, EN 60898-1, HB1, En > 50 A

- Usage category: A
- Contact position indicator: Yes
- Local indicators: Trip indicator
- Mounting support: DIN rail
- Height: 85 mm
- Width: 36 mm
- Depth: 78.5 mm
- Weight: 0.25 kg
- Color: White
- Mechanical durability: 20000 cycles
- Electrical durability: 10000 cycles
- Connections: Single terminal, 1...25 mm² rigid, 1...16 mm² flexible, stripped wire length: 14 mm, torque: 2 N·m
- Protection degree IP: IP20
- Contamination degree: 3
- Overvoltage category: IV
- Operating ambient temperature: -35...70 °C
- Storage ambient temperature: -40...85 °C
- Maximum operating altitude: 0...2000 m
- Relative humidity: 95% at 55 °C
- Tropicalization: 2 (IEC 60068-1)
- Earth leakage protection: Independent block
- Sustainable offering status: Green Premium product
- Compliant with REACH without SVHC: Yes
- EU RoHS directive: Compliant
- Halogen-free product

Specifications

High	85 mm
Rated current (A)	6
Width	36 mm
Colour	White
Curve	B
EAN	3606480093661
Manufacturer	SCHNEIDER
Range	Industrial
Halogen-free	Yes
No. of poles	2P
Weight (kg)	0,25 kg
Depth	78,5 mm
Protection	IP20
Cable cross-section (mm ²)	16 mm ²
Rated voltage	400

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