

Product sheet

Acti9 iC60H 3P 20 A C Curve Miniature Circuit Breaker

Brand: SCHNEIDER

Reference: IMPO A9F87320



Miniature circuit breaker, 3P, 20 A, C curve, with breaking capacity of 10,000 A (IEC 60898-1) and 15 kA (IEC 60947-2), designed for AC 50/60 Hz networks up to 415 V, featuring thermal-magnetic protection, DIN rail mounting, pollution degree 3, and service category A.

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Description

Miniature circuit breaker designed to protect electrical circuits in industrial and commercial installations.

Technical Features

- Number of poles: 3P
- Number of protected poles: 3
- Rated current [I_n]: 20 A
- Network type: Alternating current AC
- Tripping unit technology: Thermal-magnetic
- Curve code: C
- Breaking capacity code: H
- Breaking capacity: 10,000 A I_{cn} at 400 V AC 50/60 Hz (IEC 60898-1)
- Service breaking capacity [I_{cs}]: 15 kA 50% at 220...240 V AC 50/60 Hz
- Rated operating voltage [U_e]: 220...240 V AC, 380...415 V AC, 400 V AC, 440 V AC, 12...133 V AC, 125...180 V DC
- Rated insulation voltage [U_i]: 500 V AC
- Surge voltage withstand [U_{imp}]: 6 kV
- Limitation class: 3
- Magnetic trip threshold: $8 \times I_n \pm 20\%$
- Standards: EN 60898-1, IEC 60898-1, HB1
- Protection degree: IP20
- Pollution degree: 3

- Overvoltage category: IV
- Operating ambient temperature: -35...70 °C
- Maximum operating altitude: 0...2000 m
- Relative humidity: 95% at 55 °C
- Tropicalization: 2 (IEC 60068-1)
- Mounting support: DIN rail
- Contact position indicator: Yes
- Local indications: Trip indicator
- Connections: Single terminal (1...25 mm² rigid, 1...16 mm² flexible)
- Tightening torque: 2 N·m
- Stripping length: 14 mm
- Mechanical durability: 20,000 cycles
- Electrical durability: 10,000 cycles
- Weight: 0.375 kg
- Color: White
- Sustainable offering status: Green Premium product
- Compliant with REACH without SVHC: Yes
- EU RoHS directive: Compliant
- Halogen-free product

Specifications

Frequency	50/60 Hz
Rated current (A)	20
Colour	White
Curve	C
EAN	3606480096037
Manufacturer	SCHNEIDER
Range	Industrial
Halogen-free	Yes
No. of poles	3P
Weight (kg)	0,375
Protection	IP20
Rated voltage	400
Nominal voltage (V)	415

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