

Product sheet

Magnetothermal Acti9 iC60N 1P 25 A Curve C

Brand: SCHNEIDER

Reference: IMPO A9F77125



Miniature circuit breaker, 1P, with curve C, breaking capacity 6000 A (IEC 60898-1) and 10 kA (IEC 60947-2), designed to protect electrical circuits in industrial and commercial installations. Supports nominal current of 25 A, operating voltage 230 V AC 50/60 Hz, and operates in temperature ranges from -35 to 70 °C.

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Description

Miniature magnetic-thermal circuit breaker, designed to protect electrical circuits in industrial and commercial installations. Compatible with the Acti9 iC60N range, it provides thermal and magnetic protection through curve C, suitable for applications with moderate current surges. DIN rail mounting allows for quick and safe installation in electrical panels.

Technical features

- Number of poles: 1P
- Number of protected poles: 1
- Rated current [In]: 25 A
- Network type: AC
- Trip unit technology: Thermal-magnetic
- Curve code: C
- Breaking capacity: 6000 A Icn at 230 V AC 50/60 Hz (IEC 60898-1), 10 kA Icu at 220...240 V AC 50/60 Hz
- Service breaking capacity [Ics]: 6000 A 100% at 230 V AC 50/60 Hz (IEC 60898-1)
- Limitation class: 3
- Rated operating voltage [Ue]: 230 V AC 50/60 Hz, 220...240 V AC 50/60 Hz, 12...60 V AC 50/60 Hz, 100...133 V AC 50/60 Hz, 72 V DC
- Rated insulation voltage [Ui]: 500 V AC 50/60 Hz
- Surge voltage withstand: 6 kV

- Magnetic trip threshold: 8 x In +/- 20%
- Standards: EN 60898-1, IEC 60898-1, HB1, En > 50 A
- Protection degree: 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)
- Mechanical durability: 20000 cycles
- Electrical durability: 10000 cycles
- Connections: Single terminal, 1...25 mm² rigid, 1...16 mm² flexible
- Stripping length: 14 mm
- Tightening torque: 2 N·m
- Contact position indicator: Yes
- Local signaling: Trip indicator
- Mounting support: DIN rail
- Color: White
- Weight: 0.215 kg
- 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)	25
Colour	White
Curve	C
EAN	3606480094064
Manufacturer	SCHNEIDER
Range	Industrial
Halogen-free	Yes
No. of poles	1P
Weight (kg)	0,215 kg
Protection	IP20
Cable cross-section (mm²)	16 mm²
Nominal voltage (V)	230

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Item downloaded on 9 October 2026