

Product sheet

Acti9 iC60N 2P 40 A C Curve Magnetic Thermal Switch

Brand: SCHNEIDER

Reference: IMPO A9F77240



2-pole magnetic thermal switch, 40 A, C curve, with breaking capacity I_{cn} of 6000 A at 400 V AC, category A, compliant with IEC 60898-1 standards, protects against overloads and short circuits in single-phase and three-phase electrical installations, with DIN rail mounting support and IP20 protection rating.

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Description

2-pole magnetic thermal switch, 40 A, C curve, designed to protect electrical circuits in single-phase and three-phase installations. Provides thermal and magnetic protection through a C curve, suitable for loads with high starting currents. Its breaking capacity I_{cn} reaches 6000 A at 400 V AC, ensuring safety in case of short circuits.

Technical Features

- Number of poles: 2P
- Number of protected poles: 2
- Rated current [I_n]: 40 A
- Network type: Alternating current (AC)
- Tripping unit technology: Thermal-magnetic
- Curve code: C
- Breaking capacity [I_{cn}]: 6000 A at 400 V AC 50/60 Hz
- Service breaking capacity [I_{cs}]: 15 kA (75 %) at 220...240 V AC 50/60 Hz
- Rated operating voltage [U_e]: 220...240 V AC 50/60 Hz, 400 V AC 50/60 Hz, 380...415 V AC 50/60 Hz, 440 V AC 50/60 Hz, 12...133 V AC 50/60 Hz, 72...125 V DC
- Rated insulation voltage [U_i]: 500 V AC 50/60 Hz
- Surge voltage withstand [U_{imp}]: 6 kV
- Limitation class: 3
- Contact position indicator: Yes

- Local indications: Trip indicator
- Control type: Handle
- Mounting type: Fixed
- Mounting support: DIN rail
- Protection rating IP: IP20
- Contamination degree: 3
- Overvoltage category: IV
- Maximum operating altitude: 0...2000 m
- Operating ambient temperature: -35...70 °C
- Storage ambient temperature: -40...85 °C
- Relative humidity: 95 % at 55 °C
- Tropicalization: 2
- Mechanical durability: 20000 cycles
- Electrical durability: 10000 cycles
- Connections: Single terminal, 1...35 mm² rigid, 1...25 mm² flexible
- Stripping length: 14 mm
- Tightening torque: 3.5 N·m
- Color: White
- Weight: 0.25 kg
- Device application: For current > 0.1 A
- Standards: EN 60898-1, IEC 60898-1, HB1, En> 50 A
- Quality labels: NF
- EU RoHS Directive: Compliant
- Halogen-free product
- Green Premium product
- REACH Regulation: No SVHC
- Waste Electrical and Electronic Equipment (WEEE): Must be recycled according to specific EU system

Specifications

Rated current (A)	40
Colour	White
Curve	C
EAN	3606480094170
Manufacturer	SCHNEIDER
Halogen-free	Yes
No. of poles	2P
Weight (kg)	0,25
Protection	IP20
Cable cross-section (mm ²)	35 mm ²
Rated voltage	400
Nominal voltage (V)	220...240 V AC 50/60 Hz, 400 V AC 50/60 Hz, 380...415 V AC 50/60 Hz, 440 V AC 50/60 Hz, 12...133 V AC 50/60 Hz, 72...125 V corriente continua
Current type	AC

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