

Product sheet

Acti9 iC60N 2P 63 A C Curve Magnetic Thermal Switch

Brand: SCHNEIDER

Reference: IMPO A9F77263



Magnetic thermal switch 2P with a rated current of 63 A, C curve, and breaking capacity I_{cn} of 6000 A at 400 V AC. Designed to protect circuits in industrial and commercial installations, compatible with DIN rail mounting.

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Description

Miniature magnetic thermal switch designed to protect electrical circuits in industrial and commercial installations. Provides thermal and magnetic protection through a C curve, suitable for loads with high starting currents. Compatible with AC power networks and DIN rail mounting.

Technical Features

- Number of poles: 2P
- Number of protected poles: 2
- Rated current [I_n]: 63 A
- Network type: Alternating current (AC)
- Trip unit technology: Thermal-magnetic
- Curve code: C
- Breaking capacity: 6000 A I_{cn} at 400 V AC 50/60 Hz (in accordance with EN/IEC 60898-1)
- Service breaking capacity [I_{cs}]: 15 kA 75% (220...240 V AC 50/60 Hz), 7.5 kA 75% (380...415 V AC 50/60 Hz), 4.5 kA 75% (440 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: 6 kV
- Magnetic trip limit: $8 \times I_n \pm 20\%$
- Contact position indicator: Yes
- Local indications: Trip indicator

- Control type: Handle
- Mounting type: Fixed
- Mounting support: DIN rail
- Protection degree IP: IP20 (in accordance with EN 60529)
- Contamination degree: 3
- Overvoltage category: IV
- Maximum operating altitude: 0...2000 m
- Operating ambient temperature: -35...70 °C
- Storage ambient temperature: -40...85 °C
- Mechanical durability: 20000 cycles
- Electrical durability: 10000 cycles
- Connections - terminals: 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
- Standards: EN 60898-1, IEC 60898-1, HB1
- Quality labels: NF
- Sustainable offering status: Green Premium product
- EU RoHS Directive: Compliant
- REACH Regulation: No SVHC
- Waste Electrical and Electronic Equipment (WEEE): Must be disposed of according to specific collection systems

Specifications

Frequency	50/60 Hz
Rated current (A)	63
Colour	White
Curve	C
EAN	3606480094194
Manufacturer	SCHNEIDER
Range	Industrial
No. of poles	2P
Weight (kg)	0,25
Protection	IP20
Cable cross-section (mm ²)	35 mm ²
Rated voltage	400
Current type	AC

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