

Product sheet

Acti9 iC60N 4P 20 A C Curve Magnetic Thermal Switch

Brand: SCHNEIDER

Reference: IMPO A9F77420



Modular 4P magnetic thermal switch, 20 A, C curve, with breaking capacity I_{cn} 6000 A at 400 V AC, compatible with DIN rail mounting, designed to protect three-phase and single-phase circuits in industrial and commercial installations, with IP20 protection rating and operation in temperature ranges from -35 to 70 °C.

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Description

Magnetic thermal switch from the Acti9 iC60N range, designed to protect electrical circuits in industrial and commercial installations.

Technical Features

- Number of poles: 4P
- Number of protected poles: 4
- Rated current [I_n]: 20 A
- Network type: AC current
- Tripping unit technology: Thermal-magnetic
- Curve code: C
- Breaking capacity: 6000 A I_{cn} at 400 V AC 50/60 Hz
- Service breaking capacity [I_{cs}]: 15 kA 75% at 220...240 V AC, 7.5 kA 75% at 380...415 V AC, 4.5 kA 75% at 440 V AC
- Limitation class: 3
- Rated operating voltage [U_e]: 220...240 V AC, 380...415 V AC, 400 V AC, 440 V AC, 125...180 V DC
- Rated insulation voltage [U_i]: 500 V AC
- Surge voltage withstand [U_{imp}]: 6 kV
- Magnetic trip threshold: $8 \times I_n \pm 20\%$
- Contact position indicator: Yes

- Local indicators: Trip indicator
- Mounting support: DIN rail
- Connections: Single terminal, 1...25 mm² rigid or 1...16 mm² flexible
- Tightening torque: 2 N·m
- Stripping length: 14 mm
- Protection rating: 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
- Mechanical durability: 20000 cycles
- Electrical durability: 10000 cycles
- Standards: EN 60898-1, IEC 60898-1, HB1, En> 50 A
- Quality labels: NF
- Green Premium product
- Compliant with EU RoHS, mercury-free, SVHC-free, halogen-free

Specifications

Rated current (A)	20
Curve	C
EAN	3606480094323
Manufacturer	SCHNEIDER
Range	Industrial
Halogen-free	Yes
No. of poles	4P
Protection	IP20
Rated voltage	400

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