

Product sheet

Acti9 iC60N 3P 20 A B Curve Miniature Circuit Breaker

Brand: SCHNEIDER

Reference: IMPO A9F76320



Miniature circuit breaker 3P, 20 A, B curve, with thermal-magnetic protection and breaking capacity of 6000 A at 400 V AC (IEC 60898-1). Designed for DIN rail mounting, compatible with AC networks 50/60 Hz and DC up to 180 V. Complies with IEC 60898-1 and EN 60898-1 standards, pollution degree 3, service category A, and limiting class 3.

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Description

Miniature circuit breaker 3P, 20 A, B curve, designed for thermal-magnetic protection in electrical circuits. Compatible with AC and DC networks, with breaking capacity of 6000 A at 400 V AC, complying with IEC 60898-1 and EN 60898-1 standards. Suitable for industrial and commercial installations, with DIN rail mounting and pollution degree 3.

Technical specifications

- Number of poles: 3P
- Number of protected poles: 3
- Rated current [I_n]: 20 A
- Network type: AC, DC
- Trip unit technology: Thermal-magnetic
- Curve code: B
- Breaking capacity: 6000 A I_{cn} at 400 V AC 50/60 Hz (IEC 60898-1)
- Service breaking capacity [I_{cs}]: 15 kA 75 % (220...240 V AC), 7.5 kA 75 % (380...415 V AC), 4.5 kA 75 % (440 V AC)
- Rated operating voltage [U_e]: 220...240 V AC, 400 V AC, 380...415 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

- Limiting class: 3
- Magnetic trip threshold: $4 \times I_n \pm 20 \%$
- Contact position indicator: Yes
- Local indicators: Trip indicator
- Mounting support: DIN rail
- Protection degree: IP20
- Operating ambient temperature: -35...70 °C
- Storage ambient temperature: -40...85 °C
- Maximum operating altitude: 0...2000 m
- Relative humidity: 95 % at 55 °C
- Connections: Single terminal, 1...25 mm² rigid, 1...16 mm² flexible
- Tightening torque: 2 N·m
- Stripped wire length: 14 mm
- Mechanical durability: 20000 cycles
- Electrical durability: 10000 cycles
- Color: White
- Weight: 0.375 kg
- Standards: IEC 60898-1, EN 60898-1, En> 50 A, HB1
- Quality labels: NF
- Service category: A
- Overvoltage category: IV
- Tropicalization: 2 (IEC 60068-1)
- Halogen content: Halogen-free product
- EU RoHS directive: Compliant
- REACH regulation: No SVHC
- WEEE: Must be recycled according to specific EU system

Specifications

Frequency	50/60 Hz
Rated current (A)	20
Curve	B
EAN	3606480093784
Manufacturer	SCHNEIDER
Range	Industrial
Halogen-free	Yes
Measures	14 mm
No. of poles	3P
Weight (kg)	0,375
Protection	IP20
Cable cross-section (mm ²)	16 mm ²
Rated voltage	400
Nominal voltage (V)	220...240 V AC
Current type	AC

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