

Product sheet

Miniature Circuit Breaker 3P 20 A Curve C

Brand: SCHNEIDER

Reference: IMPO M9F22320



Miniature circuit breaker Multi 9 C60SP, 3 poles, 20 A, Curve C, designed for DC circuits. Breaking capacity of 10 kA at 480Y/277 V DC, with thermal-magnetic protection. Complies with UL 1077, CSA C22.2 No 235, and IEC 60529 standards.

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Description

Miniature circuit breaker from the Multi 9 range, designed to protect electrical circuits in direct current. Provides thermal-magnetic protection against overloads and short circuits, with a rated current of 20 A at 25 °C and Curve C trip characteristic. Used in direct current installations with nominal voltages of 240 V DC, 415 V DC, and 440 V DC.

Technical Features

- Number of poles: 3P
- Number of protected poles: 3
- Rated current [In]: 20 A at 25 °C according to Icu
- Network type: DC
- Tripping unit technology: Thermal-magnetic
- Curve code: C
- Breaking capacity: 10 kA air at 480Y/277 V DC according to UL 1077 and CSA C22.2 No 235
- Rated operating voltage [Ue]: 240 V DC, 415 V DC, 440 V DC
- Rated insulation voltage [Ui]: 500 V DC
- Surge voltage withstand [Uimp]: 6 kV
- Service breaking capacity [Ics]: 15 kA 75 % according to Icu at 240 V DC
- Total power losses: 6.6 W
- Power losses per pole: 2.2 W
- Switching capacity: Yes according to Icu
- Contact position indicator: Yes

- Control: Handle
- Local indicators: On/Off indication
- Mounting type: DIN rail
- Mounting support: Door switch
- Connection spacing: 18 mm between phase and neutral
- 9 mm steps: 6
- Dimensions: 81 mm (height) × 54 mm (width) × 72 mm (depth)
- Color: Grey
- Mechanical durability: 20 000 cycles
- Electrical durability: 10 000 cycles
- Lockable: With lock
- Connections: Tunnel terminal, for rigid and flexible cables (1-25 mm², AWG 18-8)
- Stripping length: 14 mm
- Torque: 2.5 N·m
- Protection degree IP: IP20
- Contamination degree: 3
- Tropicalization: 2
- Relative humidity: 95 % at 55 °C
- Operating altitude: 0-2000 m
- Operating ambient temperature: -30 °C to 70 °C
- Storage ambient temperature: -40 °C to 80 °C
- Standards: Icu GB 14048.2, UL 1077, CSA C22.2 No 235
- Certifications: IEC, CCC, UR, CSA

Specifications

Rated current (A)	20
Curve	C
EAN	3606481168528
Manufacturer	SCHNEIDER
Long	81 mm
Measures	81 mm (alto) × 54 mm (ancho) × 72 mm (profundidad)
No. of poles	3P
Depth	72 mm
Protection	IP20
Nominal voltage (V)	240 V CC, 415 V CC, 440 V CC

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