Product sheet

ComPacT NSX100F 3P3R 100A Micrologic 2.2 Automatic Circuit Breaker

Brand: SCHNEIDER

Reference: IMPO C10F32D100



Auto Switch ComPacT NSX100F 3P3R 100A with Micrologic 2.2 control unit, designed for protection against overloads and short circuits in industrial installations. Icu cutting capacity up to 36 kA at 380-415 V AC, 50/60 Hz, with overload current adjustment in 9 positions (40-100 A) and fixed delay for short-circuits.

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Description

Auto Switch ComPacT NSX100F 3P3R 100A with Micrologic 2.2 control unit, designed to protect electrical circuits in industrial and commercial installations. It offers protection against overloads and short circuits by means of an electronic control unit, with overload current adjustment in 9 positions and fixed delay in short-circuit detection.

Technical characteristics

- Number of poles: 3P
- Description of protected poles: 3R
- Nominal current [In]: 100 A at 40 °C
- Nominal employment voltage [Ue]: 690 V AC 50/60 Hz
- Network type: AC
- Network frequency: 50/60 Hz
- Icu cutting capacity: 36 kA at 380/415 V AC 50/60 Hz
- In-service cutting power [Ics]: 36 kA at 380/415 V AC 50/60 Hz
- Control unit: Micrologic 2.2
- Fire unit technology: Electronic
- Protection functions: LSoI
- Mounting position: Horizontal and vertical plano por la parte posterior
- Top connection: Front

- Connection down: Front
- Connection step: 35 mm
- Mounting bracket: Rear plate
- Degree of IP protection: IP40
- Level of protection IK: IK07
- Operating ambient temperature: -25...70 °C
- Storage ambient temperature: -50...85 °C
- Relative humidity: 0...95 %
- Maximum operating altitude: 0...2000 m without decrease
- Mechanical durability: 50000 cycles
- Electrical durability: 50000 cycles in 440 V In/2
- Dissipated power per pole: 4.7 W
- Thermal memory: 20 minutes before and after shooting
- Long-term detection adjustment interval Ir: 40...100 A
- Short-term detection setting interval Isd: 1.5...10 x Ir
- Instant detection setting interval Ii: 1500 A
- Local markings: Ready to operate (LED flashing green), Overload (LED red 105 % Go, LED orange 90 % Go)
- Dimensions: 105 mm (width) x 161 mm (height) x 86 mm (depth)
- Weight: 2.05 kg
- Standards: HB2
- Certifications: CCC Marine Generator
- EU RoHS Directive: As per
- No mercury: Yes

Specifications

Frequency	50/60 Hz
Rated current (A)	100
Width	105 mm
EAN	3606481997166
Manufacturer	SCHNEIDER
Range	Industrial
Long	161 mm
No. of poles	3P
Weight (kg)	2,05 kg
Power (W)	4,7 W
Depth	86 mm
Protection	IP40
Cable cross-section (mm²)	35
Nominal voltage (V)	380/415 V AC
Current type	AC

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