

Product sheet

ComPacT NSX250N 4P4R 250A Micrologic 4.2 Automatic Circuit Breaker

Brand: SCHNEIDER

Reference: IMPO C25N44V250



Automatic ground leak protection switch, 4 poles, 250 A, 440 V AC, with Micrologic 4.2 AB control unit. It offers protection against overloads, short circuits and ground leaks (class A).

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Description

New generation ComPacT range automatic ground leak protection switch, designed for applications with current exceeding 0.1 A. Compatible with 50/60 Hz AC systems, it offers comprehensive protection in industrial and commercial installations through Micrologic 4.2 AB electronic control. Its 4P4R configuration with neutral on the left allows a secure connection in three-phase neutral networks.

Technical characteristics

Number of poles: 4P
Description of protected poles: 4R 3R+ N/2
3RNeutral position: Left
Nominal current [In]: 250 A at 40 °C
Nominal employment voltage [Ue]: 440 V AC
50/60 Hz
Network type: AC
Network frequency: 50/60 Hz
Icu cutting capacity: 50 kA in 440 V AC 50/60 Hz according to En> 50
AIn-service cutting power [Ics]: 50 kA at 440 V AC 50/60 Hz according to En> 50
A
Control unit: Micrologic 4.2 AB
Fire unit technology: Electronic
Protection functions: LSOIR
Protection against ground leaks: Integrated, Class A
Residual current sensitivity adjustment: Adjustable (30 mA, 100 mA, 300 mA, 500 mA, 1 A, 3 A, 5 A)
Differential shooting delay: Adjustable (0 ms, 60 ms, 150 ms, 500 ms, 1 s)
Thermal memory: 20 minutes before and after shooting
Long-term detection adjustment interval Ir: 100...250 A
Fixed long duration delay: 400 s at 1.5 x Ir, 16 s at 6 x Ir, 11 s at 7.2 x Ir
Fixed short-term delay: 0.02 s
Instant fixed detection: 3000 A
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
Maximum operating altitude: 0...2000 m without decrease, 2000 m ...

Specifications

Frequency	50/60 Hz
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Rated current (A)	250
Width	35 mm
EAN	3606481993656
Manufacturer	SCHNEIDER
Range	Industrial
Measures	35 mm
No. of poles	4P
Protection	IP40
Cable cross-section (mm ²)	35
Nominal voltage (V)	440

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