

Product sheet

Automatic switch SCHNEIDER COMPACT NSX 160A 4P 25kA 440V AC IP40

Brand: SCHNEIDER

Reference: IMPO C12B44V160B



The ComPact NSXm160B 25kA, 4-pole circuit breaker is designed for earth leakage protection. It has a rated current of 160A and a voltage of 440V AC. It features fixed mounting, electronic technology, and advanced protection functions. Ideal for applications with currents above 0.1A.

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Description

The NSXm160B 25kA AC 4P 160A 4.1 earth leakage circuit breaker is part of the new generation ComPact range, specifically the ComPact NSX DC model. This device is designed for applications where the current exceeds 0.1 A, offering effective and reliable protection in AC electrical systems. With a rated current of 160 A at 40 °C and a rated operating voltage of 440 V AC (50/60 Hz), the NSXm160B features four poles (4P) and a breaking capacity of up to 50 kA Icu at 220–240 V AC, ensuring a high level of safety and performance. Its trip unit technology is electronic, and it is equipped with the Micrologic 4.2 control unit, which provides advanced protection functions. This circuit breaker is suitable for fixed mounting and can be installed horizontally or vertically. Its robust design includes a mechanical durability of 20,000 cycles and a voltage spike resistance of 8 kV. Furthermore, its IP40 and IK07 protection ratings ensure safe operation in various environmental conditions.

- Rated current: 160 A at 40 °C
- Rated voltage: 440 V AC 50/60 Hz
- Breaking capacity: 50 kA Icu at 220...240 V AC
- Earth leakage protection: Class A and AC
- Electrical durability: 20,000 cycles at 440 V
- Operating temperature: -25...70 °C
- Protection rating: IP40
- Dimensions: 108 mm (width) x 144 mm (height) x 80 mm (depth)
- Weight: 1.63 kg
- Connections: compression lug/busbar

Specifications

Frequency	50/60 Hz
Rated current (A)	160
EAN	3606481992673
Manufacturer	Schneider
No. of poles	4P
Reference	SCHNEIDER C12B44V160B
Nominal voltage (V)	440

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