

Product sheet

**SCHNEIDER basic frame,
breaking capacity 50 kA,
current 100 A, 3 poles, IP40**

Brand: SCHNEIDER

Reference: IMPO C10N3

The NSX100N 50kA AC 3P 100A Breaking Block from the ComPacT range is a basic frame designed for currents above 0.1 A. It offers a breaking capacity of up to 90 kA and is suitable for environments up to 70 °C.

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The NSX100N 50kA AC 3P 100A Circuit Breaker is a new-generation device from the ComPacT range, designed to deliver exceptional performance in applications with currents above 0.1 A. This basic frame, part of the ComPacT NSX400...630 series, is distinguished by its robustness and reliability in demanding industrial environments.

With a rated current of 100 A at 40 °C and a rated operating voltage of up to 690 V AC at 50/60 Hz, the NSX100N is ideal for a variety of electrical applications. Its breaking capacity is remarkable, reaching up to 90 kA at 220/240 V AC and 50 kA at 415 V AC, ensuring effective protection against overloads and short circuits.

This device features a lever-operated control and a fixed mounting design, facilitating its integration into electrical systems.

Furthermore, its mechanical durability is 50,000 cycles, while the electrical durability varies between 10,000 and 50,000 cycles, depending on the operating voltage.

- **Number of poles:** 3P
- **Breaking capacity:** 10 kA at 600 V AC, 50 kA at 480 V AC
- **Mechanical durability:** 50,000 cycles
- **Electrical durability:** 10,000 cycles at 690 V AC
- **Protection rating:** IP40
- **Operating temperature:** -25...70 °C
- **Certifications:** UL, CSA

- **Dimensions:** 105 mm (width) x 161 mm (height) x 86 mm (depth)
- **Mounting type:** Backplate
- **Connections:** Front and back

Specifications

Frequency	50/60 Hz
Rated current (A)	100 A
EAN	3606481999337
Manufacturer	Schneider
No. of poles	3P
Protection	IP40
Reference	SCHNEIDER C10N3
Series	Solera Mural

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