

Product sheet

ULTRA SCHNEIDER automatic switch 100A 4P 36kA Icu 690V AC IP40

Brand: SCHNEIDER

Reference: IMPO C10F42D100



The NSX100F circuit breaker from the ComPacT range is designed for currents above 0.1 A. With 4 poles and a breaking capacity of up to 36 kA, it offers reliable protection in AC applications. Ideal for fixed mounting, with a Micrologic 2.2 control unit.

[View product online](#)

Description

The NSX100F 36kA AC 4P4R 100A 2.2 circuit breaker from the new generation ComPacT range, known as UL Compact, is an advanced solution for electrical protection in applications with currents above 0.1 A. Designed to operate in alternating current (AC) networks with a nominal voltage of up to 690 V and a nominal current of 100 A at 40 °C, this device stands out for its breaking capacity of up to 85 kA at 220/240 V and 36 kA at 380/415 V, ensuring effective protection against overloads and short circuits.

The NSX100F has four poles (4P) and a protected pole configuration of 4R, with the neutral located on the left. Its Micrologic 2.2 control unit incorporates electronic technology that allows for precise adjustments in overload and short-circuit detection, with multiple settings to adapt to various operational needs.

Furthermore, its robust design ensures mechanical and electrical durability of up to 50,000 cycles. This circuit breaker is suitable for fixed mounting and can be installed in horizontal or vertical positions. With an IP40 protection rating and an 8 kV surge resistance, the NSX100F is ideal for demanding environments, operating in a temperature range of -25 to 70 °C and withstanding relative humidity conditions up to 95%.

- **Rated current:** 100 A at 40 °C
- **Rated operating voltage:** 690 V AC 50/60 Hz
- **Breaking capacity:** 36 kA Icu at 380/415 V AC
- **Mechanical durability:** 50,000 cycles
- **Control unit:** Micrologic 2.2

- **Mounting type:** Fixed
- **Protection rating:** IP40
- **Operating temperature:** -25 to 70 °C
- **Weight:** 2.4 kg
- **Dimensions:** 140 mm x 161 mm x 86 mm

Specifications

Frequency	50/60 Hz
Rated current (A)	100
EAN	3606482005525
Manufacturer	Schneider
No. of poles	4P
Reference	SCHNEIDER C10F42D100
Nominal voltage (V)	690

This document is based on the product page published in our store and is provided for information only. It is not contractual. It may contain errors or omissions and does not replace the manufacturer datasheet.

If you have any questions, [contact our support team](#)

Item downloaded on 15 September 2026