

Product sheet

Automatic switch UL COMPACT 40A 4P TMD 36kA 690V AC IP40

Brand: SCHNEIDER

Reference: IMPO C10F4TM040



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 thermal and magnetic protection. Ideal for AC network applications up to 690 V.

[View product online](#)

Description

The NSX100F 36kA AC 4P4R 40A TMD 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. This device, designed for a rated current of 40 A at 40 °C, offers a rated operating voltage of up to 690 V AC on 50/60 Hz networks, ensuring optimal performance under various operating conditions.

With a 4-pole, 4-response design, the NSX100F is positioned as a versatile option, allowing for both horizontal and vertical installation.

Its thermal-magnetic trip unit technology provides effective protection against overloads and short circuits, while its breaking capacity reaches up to 85 kA at 220/240 V AC, ensuring a rapid response in critical situations. This circuit breaker boasts a mechanical and electrical durability of 50,000 cycles, making it a reliable choice for demanding environments. Furthermore, its design includes features such as long-term sensing adjustment and neutral protection, adapting to various installation configurations.

- **Rated current:** 40 A at 40 °C
- **Rated insulation voltage:** 800 V AC
- **Breaking capacity:** 36 kA at 380/415 V AC
- **Mechanical durability:** 50,000 cycles
- **Protection rating:** IP40
- **Operating temperature:** -25 to 70 °C
- **Weight:** 2.4 kg
- **Dimensions:** 140 mm x 161 mm x 86 mm
- **Category of use:** A

- **Control unit:** TM-D

Specifications

Frequency	50/60 Hz
Rated current (A)	40
EAN	3606481997487
Manufacturer	Schneider
No. of poles	4P
Reference	SCHNEIDER C10F4TM040
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 21 October 2026