

Product sheet

SCHNEIDER COMPACT NSX 100A 4P 16kA 690V AC Thermal- magnetic automatic switch

Brand: SCHNEIDER

Reference: IMPO C11E4TM100L



The ComPact NSXm100E 100A, 4-pole, 4R circuit breaker is designed for currents above 0.1A. With a breaking capacity of up to 16kA and thermal-magnetic technology, it offers reliable protection in environments up to 70°C. Fixed mounting.

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Description

The **NSXm100E 16kA AC 4P4R 100A TMD ELINK** is a new-generation circuit breaker from the ComPacT range, designed for applications with currents above 0.1 A. This device, part of the Compact NS KIT range, offers a robust and reliable solution for the protection of electrical circuits in industrial and commercial environments.

With a rated current of **100 A** at **40 °C** and a rated operating voltage of **690 V AC** at **50/60 Hz**, the NSXm100E is ideal for AC networks. Its breaking capacity is remarkable, reaching up to **25 kA Icu** at 220-240 V AC and **16 kA Icu** at 380-415 V AC, ensuring effective protection against overloads and short circuits.

This circuit breaker features a **4-pole** and **4R** design for pole protection, with the neutral position on the left. Its TM-D control unit utilizes thermal-magnetic technology, offering LIG protection functions and a lever-type control.

Furthermore, its mechanical and electrical durability is guaranteed for **20,000 cycles**.

- Dimensions: 108 mm (width) x 137 mm (height) x 80 mm (depth)
- Weight: 1.42 kg
- Protection rating: IP40
- Operating temperature: -25...70 °C
- Connections: Terminals for cables up to 95 mm²
- Disconnecting capacity: Yes, according to EN> 50 A
- Electrical durability: 10,000 cycles at 440 V In

- Surge withstand capacity: 8 kV
- Pollution degree: 3 according to IK07
- Maximum operating altitude: 2000 m without decrease

Specifications

Frequency	50/60 Hz
Rated current (A)	100
EAN	3606481989635
Manufacturer	Schneider
No. of poles	4P
Reference	SCHNEIDER C11E4TM100L
Nominal voltage (V)	690

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