Product sheet



Automatic switch UL COMPACT 63A 4P TMD 36kA 690V AC IP40

Brand: SCHNEIDER

Reference: IMPO C10F4TM063

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.

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Description

The NSX100F 36kA AC 4P4R 63A 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. Designed to operate in alternating current (AC) networks with a nominal voltage of up to 690 V and a nominal current of 63 A at 40 °C, this device is distinguished by its robustness and reliability.

With a 4-pole design and a breaking capacity of up to 85 kA at 220/240 V AC, the NSX100F is ideal for demanding industrial environments. Its thermal-magnetic trip technology and TM-D control unit ensure effective protection against overloads and short circuits.

Furthermore, it features long-term detection adjustment and a long-duration delay, allowing for customization to meet the specific needs of each installation. This circuit breaker boasts mechanical and electrical durability of up to 50,000 cycles, ensuring long-lasting performance. Its design allows for both horizontal and vertical mounting, facilitating integration into various panel configurations. With an IP40 protection rating and an 8 kV surge resistance, the NSX100F is suitable for operation in harsh environments, with operating temperatures ranging from -25 °C to 70 °C.

- **Rated current:** 63 A at 40 °C
- **Rated operating voltage:** 690 V AC 50/60 Hz
- **Breaking capacity:** 85 kA Icu at 220/240 V AC
- **Mechanical durability:** 50,000 cycles
- **Protection rating:** IP40
- **Operating temperature:** -25...70 °C
- **Mounting:** Horizontal and vertical

- **Weight:** 2.4 kg
- **Dimensions:** 140 mm x 161 mm x 86 mm
- **Compatibility code:** NSX100

Specifications

Frequency	50/60 Hz
Rated current (A)	63
EAN	3606481997500
Manufacturer	Schneider
No. of poles	4P
Reference	SCHNEIDER C10F4TM063
Nominal voltage (V)	690

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