Product sheet

COMPACT automatic switch 80A 3P 36kA 690V AC TMD NSXm100F

Brand: SCHNEIDER

Reference: IMPO C11F3TM080L

The NSXm100F circuit breaker from the ComPacT range is designed for currents above 0.1 A. With 3 poles and a breaking capacity of up to 85 kA, it offers thermal-magnetic protection. Ideal for AC network applications, with a temperature range of -25 to 70 °C.

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Description

The **NSXm100F 36kA AC 3P 80A TMD ELINK** circuit breaker from the **New Generation ComPacT** range is an advanced solution for electrical circuit protection. Designed for applications with currents above 0.1 A, this three-pole (3P) device offers a rated current of 80 A at 40 °C and a rated operating voltage of up to 690 V AC at 50/60 Hz. Its breaking capacity is remarkable, reaching up to 85 kA Icu at 220–240 V AC and 36 kA Icu at 380–415 V AC, ensuring effective protection under various operating conditions.

The **NSXm 100F** features a TM-D control unit and utilizes thermal-magnetic tripping technology, enabling it to offer LIG protection functions.

Its design allows for fixed mounting in horizontal and vertical positions, with accessible connections on the front and top. Furthermore, its mechanical and electrical durability is guaranteed for 20,000 cycles, ensuring reliable performance over time.

- Rated current: 80 A at 40 °C
- Rated insulation voltage: 800 V AC
- Breaking capacity: 85 kA at 220…240 V AC
- Mechanical durability: 20,000 cycles
- Protection rating: IP40
- Operating temperature: -25…70 °C
- Dimensions: 81 mm (width) x 137 mm (height) x 80 mm (depth)
- Weight: 1.06 kg
- Connections: 2.5…95 mm² rigid or stranded

- Color: Gray (RAL) 7016)

Specifications

Frequency	50/60 Hz
Rated current (A)	80
EAN	3606481990624
Manufacturer	Schneider
No. of poles	3P
Reference	SCHNEIDER C11F3TM080L
Nominal voltage (V)	690

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Item downloaded on 3 October 2026