

# I-Line circuit breaker, 3 Poles, 250A rating, 36kA, TMD trip unit adapted ComPacT NSX new generation

IL2503P36

EAN Code: 5018934031712

### Main

Range	I-Line	
Range of product	ComPacT NSX100250	
Device short name	NSX250F	
Product or component type	Circuit breaker	
Device application	Distribution	
Number of poles	3P	
[In] rated current	250 A at 40 °C	
[Ue] rated operational voltage	0 V AC 50/60 Hz conforming to EN/IEC 60947-2	
Suitability for isolation	Yes conforming to EN/IEC 60947-2	
Utilisation category	Category A	
[Icu] rated ultimate short-circuit breaking capacity	36 kA Icu at 415 V AC 50/60 Hz conforming to EN 60947-2	
Performance level	F	
Trip unit name	TM-D	
Trip unit technology	Thermal-magnetic	
Trip unit protection functions	LI	
control type	Toggle	
Mounting location	I-Line	

## Complementary

[Ui] rated insulation voltage	800 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service short-circuit breaking capacity	36 kA at 415 V AC 50/60 Hz conforming to EN/IEC 60947-2
Mechanical durability	20000 cycles
Electrical durability	20000 cycles at 440 V In/2 10000 cycles at 440 V In 10000 cycles at 690 V In/2 5000 cycles at 690 V In
Protection type	L : for overload protection (long time) I : for short-circuit protection (magnetic)
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable
[Ir] long-time protection pick-up adjustment range	0.71 x ln
Long-time protection delay adjustment type tr	Fixed

[tr] long-time protection delay adjustment range	120400 s at 1.5 x lr 15 s at 6 x lr
Instantaneous protection pick-up adjustment type li	Adjustable
[li] instantaneous protection pick- up adjustment range	510 x ln
Width (W)	105 mm
Height (H)	161 mm
Depth (D)	86 mm
Product weight	2.4 kg
Colour	Grey

## **Environment**

Standards	EN/IEC 60947-1 EN/IEC 60947-2
Pollution degree	3 conforming to IEC 60664-1
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-5085 °C
Relative humidity	95 %
Operating altitude	02000 m without derating 2000 m5000 m without derating

# **Packing Units**

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	19.000 cm	
Package 1 Width	11.000 cm	
Package 1 Length	27.000 cm	
Package 1 Weight	2.795 kg	
Unit Type of Package 2	P12	
Number of Units in Package 2	120	
Package 2 Height	112.000 cm	
Package 2 Width	80.000 cm	
Package 2 Length	120.000 cm	
Package 2 Weight	347.400 kg	

# **Logistical informations**

Country of origin GB

# **Contractual warranty**

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

#### **Use Better**

Take-back

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
Jse Again	
Repack and remanufacture	

No