

circuit breaker basic frame, ComPacT NSX250N, 50 kA at 415 VAC 50/60 Hz, 250 A, without trip unit, 4 poles

C25N4

Price: 4,071.00 HKD

### Main

Range	ComPacT new generation	
product name	ComPacT NSX new generation	
Device short name	NSX250N	
Product or component type	Basic frame	
Device application	Distribution	
Poles description	4P	
Neutral position	Left	
[In] rated current	250 A at 40 °C	
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2	
Network type	AC	
Network frequency	50/60 Hz	
Suitability for isolation	Yes conforming to EN/IEC 60947-2	
Utilisation category	Category A	
[Icu] rated ultimate short-circuit breaking capacity	85 kA at 240 V AC 50/60 Hz conforming to UL 508 10 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 35 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 480 V AC 50/60 Hz conforming to UL 508 36 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 90 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 15 kA at 600 V AC 50/60 Hz conforming to UL 508	
Performance level	N 50 kA 415 V AC	
Control type	Toggle	
Mounting mode	Fixed	

## Complementary

[Ui] rated insulation voltage	800 V AC 50/60 Hz conforming to IEC 60947-2	
[Uimp] rated impulse withstand voltage	and 8 kV conforming to IEC 60947-2	
[lcs] rated service short-circuit breaking capacity	10 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 36 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 90 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2	
Mechanical durability	20000 cycles conforming to IEC 60947-2	

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Electrical durability	10000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 10000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 20000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2 5000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2	
Mounting support	Backplate	
Upside connection	Front	
Downside connection	Front	
Connection pitch	35 mm	
Protection type	Without protection	
Width (W)	140 mm	
Height (H)	161 mm	
Depth (D)	86 mm	

## **Environment**

Standards	EN/IEC 60947-2 UL 60947-4-1
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

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.000 cm
Package 1 Width	14.000 cm
Package 1 Length	19.000 cm
Package 1 Weight	2.104 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	13.016 kg
Unit Type of Package 3	P12
Number of Units in Package 3	48
Package 3 Height	43.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	119.000 kg



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 >

∇ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	255
Environmental Disclosure	Product Environmental Profile

### **Use Better**

Recycled metal content at CR level	0
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
Halogen content performance	Product contains halogen above thresholds
PVC free	Yes

### **Use Again**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins