# **Product datasheet**

Specifications



# circuit breaker basic frame, ComPacT NSX630N, 50 kA at 415 VAC 50/60 Hz, 630 A, without trip unit, 3 poles

C63N3

EAN Code: 3606482002975

#### Main

Range	ComPacT
product name	ComPacT NSX
Device short name	NSX630N
Product or component type	Basic frame
Device application	Distribution
Poles description	3P
[In] rated current	630 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
Bits State <ths< td=""></ths<>	
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	8 kV conforming to IEC 60947-2	
[Ics] rated service short-circuit	11 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2	
breaking capacity	85 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2	
	10 kA at 660/690 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	
	30 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2	
	42 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2	
Mechanical durability	15000 cycles conforming to IEC 60947-2	

Electrical durability	6000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 2000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 4000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 8000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2	
Mounting support	Backplate	
Upside connection	Front	
Downside connection	Front	
Connection pitch	45 mm	
Protection type	Without protection	
Width (W)	140 mm	
Height (H)	255 mm	
Depth (D)	110 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	15.100 cm
Package 1 Width	15.600 cm
Package 1 Length	29.200 cm
Package 1 Weight	4.554 kg
Unit Type of Package 2	P12
Number of Units in Package 2	36
Package 2 Height	45.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	179.000 kg

### Logistical informations

Country of origin

IT

## **Contractual warranty**

Warranty

18 months

# Lenvironmental Data

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  $\geq$ 

ą	Environmental footprint	
	Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	488
	Environmental Disclosure	Product Environmental Profile

#### **Use Better**

Materials and Substances	
Recycled metal content at CR level	0
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	5c8b3f64-d41d-441f-90cc-da32d0570283
REACh Regulation	REACh Declaration
Halogen content performance	Halogen free plastic parts product
PVC free	Yes
Silicon free	No

#### Use Again

$^{\circlearrowright}$ 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