

# Product datasheet

Specifications



circuit breaker basic frame,  
ComPacT NSX400L, 150 kA at 415  
VAC 50/60 Hz, 400 A, without trip  
unit, 3 poles

C40L3

EAN Code: 3606482002951

## Main

Range	ComPacT new generation
product name	ComPacT NSX
Device short name	NSX400L
Product or component type	Basic frame
Device application	Distribution
Poles description	3P
[In] rated current	400 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	130 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 150 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 150 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 70 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 35 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
Performance level	L 150 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 breaking capacity	130 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 150 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 150 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 70 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 12 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 12 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	15000 cycles conforming to IEC 60947-2
Electrical durability	12000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2 3000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 6000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 6000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2
Mounting support	Backplate

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	-25...70 °C
Ambient air temperature for storage	-50...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.0 cm
Package 1 Width	15.5 cm
Package 1 Length	29.0 cm
Package 1 Weight	4.548 kg
Unit Type of Package 2	P12
Number of Units in Package 2	36
Package 2 Height	43.0 cm
Package 2 Width	80.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	178.0 kg

## Logistical informations

Country of origin	IT
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## Contractual warranty

Warranty	18 months
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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 >](#)

<div>Environmental footprint</div>	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	271
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

Use Better

<div>Materials and Substances</div>	
Recycled metal content at CR level	0
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
SCIP Number	5c8b3f64-d41d-441f-90cc-da32d0570283
REACH Regulation	<a href="#">REACH Declaration</a>
Halogen content performance	Halogen free plastic parts product
PVC free	Yes

Use Again

<div>Repack and remanufacture</div>	
Circularity Profile	<a href="#">End of Life Information</a>
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins