

# Product datasheet

Specifications



circuit breaker basic frame,  
ComPacT NSX250L, 150 kA at 415  
VAC 50/60 Hz, 250 A, without trip  
unit, 3 poles

C25L3

## Main

<b>Range</b>	ComPacT new generation
<b>Product name</b>	ComPacT NSX new generation
<b>Device short name</b>	NSX250L
<b>Product or component type</b>	Basic frame
<b>Device application</b>	Distribution
<b>Poles description</b>	3P
<b>[In] rated current</b>	250 A at 40 °C
<b>[Ue] rated operational voltage</b>	690 V AC 50/60 Hz conforming to IEC 60947-2
<b>Network type</b>	AC
<b>Network frequency</b>	50/60 Hz
<b>Suitability for isolation</b>	Yes conforming to EN/IEC 60947-2
<b>Utilisation category</b>	Category A
<b>[Icu] rated ultimate short-circuit breaking capacity</b>	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 20 kA Icu at 660/690 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
<b>Performance level</b>	L 150 kA 415 V AC
<b>Control type</b>	Toggle
<b>Mounting mode</b>	Fixed

## Complementary

<b>[Ui] rated insulation voltage</b>	800 V AC 50/60 Hz conforming to IEC 60947-2
<b>[Uimp] rated impulse withstand voltage</b>	8 kV conforming to IEC 60947-2
<b>[Ics] rated service short-circuit breaking capacity</b>	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 20 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 70 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2
<b>Mechanical durability</b>	20000 cycles conforming to IEC 60947-2
<b>Electrical durability</b>	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)	105 mm
Height (H)	161 mm
Depth (D)	86 mm

## Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	CSA UL
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 Weight	1.604 kg
Package 1 Height	14 cm
Package 1 width	11 cm
Package 1 Length	19.5 cm
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Weight	11.63 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information

## Contractual warranty

Warranty	18 months
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