

Product datasheet

Specifications



circuit breaker basic frame,
ComPacT NSX250S, 100 kA at 415
VAC 50/60 Hz, 250 A, without trip
unit, 4 poles

C25S4

EAN Code: 3606481999900

Main

Range	ComPacT new generation
product name	ComPacT NSX new generation
Device short name	NSX250S
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	100 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 120 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 15 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 40 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 65 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 90 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Performance level	S 100 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	100 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 120 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 15 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 65 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 90 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	20000 cycles conforming to IEC 60947-2
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

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

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	-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	14 cm
Package 1 Width	14 cm
Package 1 Length	19 cm
Package 1 Weight	2.136 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	13.194 kg

Logistical informations

Country of origin	PL
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Contractual warranty

Warranty	18 months
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Environmental 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 >](#)

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	281
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Environmental Disclosure	Product Environmental Profile
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	No
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EU RoHS Directive	Compliant with Exemptions
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SCIP Number	206b752d-15ab-4228-8cd8-4e338f718b28
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REACH Regulation	REACH Declaration
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China RoHS Regulation	China RoHS declaration
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PVC free	Yes
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Use Again

Repack and remanufacture

WEEE	<div><div>The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins</div></div>
Halogen content performance	Product contains halogen above thresholds
Take-back	No

Offer Marketing Illustration

Product benefits / Features



ComPacT NSX Range Accessories



Wireless auxiliary contact



Short terminal shield



Interphase barriers



Long terminal shield



Rotary handles



Standard auxiliary contact



MN undervoltage release



MX shunt release



Standard motor mechanism module

Offer Marketing Illustration

Product benefits / Features

ComPacT NSX

Moulded Case Circuit Breaker



Protection begins with prevention

Designed to prevent an electrical fire through integrated earth leakage protection with preventive maintenance thanks to its Everlink power connections.



Maximize power availability

By providing corrective, preventive, and predictive maintenance for asset management thanks to our advanced MicroLogic trip units.



Connectivity

Designed to connect to EcoStruxure Power, an IoT-connected architecture for improving every aspect of your power distribution system.



Offer Marketing Illustration

Product benefits / Features

