

Product datasheet

Specifications



Switch disconnecter basic frame, ComPacT NSX1600 NA DC PV, 4 poles, 1600A

LV453429

 **Discontinued on:** 1 Nov 2020

 **Discontinued**

Main

Range	ComPact
Product name	ComPact NSX DC
Product or component type	Switch disconnecter
Device short name	Compact NSX1600NA DC PV
Poles description	4P
Network type	DC
[Ue] rated operational voltage	1000 V DC conforming to IEC 60947-3
[Ie] rated operational current	DC-22B: 1500 A DC 1000 V DC-22A: 1500 A DC 1000 V
[Ui] rated insulation voltage	1000 V DC conforming to IEC 60947-3
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-3
[Ith] conventional free air thermal current	1600 A at 65 °C
[Icm] rated short-circuit making capacity	20 kA switch-disconnector alone
Breaking capacity code	NA
Suitability for isolation	Yes conforming to EN 60947-3
Contact position indicator	Yes
Visible break	No
Utilisation category	DC-22B DC-22A
Pollution degree	3 conforming to IEC 60947-3

Complementary

Control type	Toggle
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
[Icw] rated short-time withstand current	20 kA during 1 s conforming to IEC 60947-3
Mechanical durability	10000 cycles conforming to IEC 60947-3
Electrical durability	500 cycles 1000 V DC In conforming to IEC 60947-3
Connection pitch	115 mm
Height	327 mm

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

Width	280 mm
Depth	147 mm
Net weight	18 kg

Environment

Standards	EN/IEC 60947-3
Product certifications	CE
IP degree of protection	IP20 conforming to IEC 60529
Electrical shock protection class	Class II

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	18.0 cm
Package 1 Width	27.9 cm
Package 1 Length	32.7 cm
Package 1 Weight	18.045 kg

Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	1 816 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	252 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 530 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	26 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	21550c2a-6c05-4d3d-8388-9ca38a81a60f
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes
Silicone-free	No

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	56
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

