Product datasheet

Specifications

switch disconnector ComPact NSX160 NA DC PV, 4 poles, 160 A

LV438160

Discontinued on: 3 Jan 2024

Discontinued

Main

Range	ComPact
Product name	ComPact NSX DC
Product or component type	Switch disconnector
Device short name	Compact NSX160NA 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-22A: 160 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	120 A at 65 °C
[Icm] rated short-circuit making capacity	2.5 kA switch-disconnector alone
Breaking capacity code	NA
Suitability for isolation	Yes conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Utilisation category	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	2.5 kA during 1 s conforming to IEC 60947-3
Mechanical durability	10000 cycles conforming to IEC 60947-3
Electrical durability	1500 cycles 1000 V DC In conforming to IEC 60947-3
Connection pitch	35 mm
Height	161 mm
Width	140 mm

Depth	186 mm
Net weight	2.6 kg

Environment

Standards	EN/IEC 60947-3
Product certifications	CE
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK07

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.8 cm
Package 1 Width	14.8 cm
Package 1 Length	19.0 cm
Package 1 Weight	2.607 kg
Unit Type of Package 2	S04
Number of Units in Package 2	9
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	24.229 kg

Contractual warranty

Warranty (in months)	18

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	**685 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**
Carbon footprint of the manufacturing phase [A1 to A3]	**14 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.6 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.3 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**670 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.4 kg CO2 eq.**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

End of life manual availability	**End of Life Information**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**