

Product data sheet

Specifications



switch disconnecter ComPact NSX100 NA DC PV, 4 poles, 100 A

LV438100

 **Discontinued on:** Oct 26, 2023

 **Discontinued**

Important message: This product has been switched to new ComPacT range and is no longer commercialized.

Main

Range	ComPact
Product Name	ComPact NSX DC
Product Or Component Type	Switch disconnecter
Device Short Name	Compact NSX100NA 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: 100 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	100 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

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

Depth	186 mm
Net Weight	2.4 kg

Environment

Standards	EN/IEC 60947 UL 508
Product Certifications	EAC CCC
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	13.0 cm
Package 1 Width	14.0 cm
Package 1 Length	16.0 cm
Package 1 Weight	3.0 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	27.766 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)

California Proposition 65

WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov