

Product data sheet

Specifications



switch disconnector 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 disconnector |
| 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 |
|----------|-----------|

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