

# Product datasheet

Specifications



## switch disconnecter ComPact NSX250 NA. 3 poles. 250 A

LV431629

! Discontinued on: 15 Jun 2023

**Price: 5,726.16 ZAR**

! Discontinued

### Main

Range	ComPact
Product Name	ComPact NSX
Product Or Component Type	Switch disconnecter
Device Short Name	Compact NSX250NA
Poles Description	3P
Network Type	AC DC
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz conforming to IEC 60947-3 750 V DC 3 poles in series conforming to IEC 60947-3 500 V DC 2 poles in series conforming to IEC 60947-3 250 V DC 1 pole conforming to IEC 60947-3
[Ie] Rated Operational Current	AC-22A: 250 A AC 50/60 Hz 220...690 V AC-23A: 250 A AC 50/60 Hz 220...690 V DC-22A: 250 A DC 250 V 1 pole DC-22A: 250 A DC 500 V 2 poles in series DC-23A: 250 A DC 250 V 1 pole DC-23A: 250 A DC 500 V 2 poles in series
[Ui] Rated Insulation Voltage	800 V AC 50/60 Hz conforming to IEC 60947-3
[Uimp] Rated Impulse Withstand Voltage	8 kV conforming to IEC 60947-3
[Ith] Conventional Free Air Thermal Current	250 A at 60 °C
[Icm] Rated Short-Circuit Making Capacity	330 kA with upstream protection circuit breaker 4.9 kA switch-disconnector alone
Breaking Capacity Code	NA
Suitability For Isolation	Yes conforming to EN 60947-3 Yes conforming to IEC 60947-3
Contact Position Indicator	Yes
Visible Break	No
Pollution Degree	3 conforming to IEC 60664-1

### Complementary

Control Type	Toggle
Mounting Mode	Fixed
Mounting Support	Backplate
Upside Connection	Front
Downside Connection	Front

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>[Icw] Rated Short-Time Withstand Current</b>	1.35 kA during 20 s conforming to IEC 60947-3 3.5 kA during 1 s conforming to IEC 60947-3 3.5 kA during 3 s conforming to IEC 60947-3
<b>Mechanical Durability</b>	20000 cycles conforming to IEC 60947-3
<b>Electrical Durability</b>	AC-22A: 10000 cycles 250 V DC In/2 (1 pole) conforming to IEC 60947-3 AC-22A: 5000 cycles 500 V DC In (2 poles in series) conforming to IEC 60947-3 AC-23A: 10000 cycles 250 V DC In/2 (1 pole) conforming to IEC 60947-3 AC-23A: 5000 cycles 500 V DC In (2 poles in series) conforming to IEC 60947-3 AC-22A: 15000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-22A: 3000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3 AC-22A: 6000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-22A: 7500 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A: 15000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A: 3000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A: 6000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A: 7500 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3
<b>Connection Pitch</b>	35 mm
<b>Height</b>	161 mm
<b>Width</b>	105 mm
<b>Depth</b>	86 mm
<b>Net Weight</b>	1.8 kg

## Environment

<b>Standards</b>	EN/IEC 60947-3
<b>Product Certifications</b>	IECEE CB Scheme
<b>Ip Degree Of Protection</b>	IP40 conforming to IEC 60529
<b>Ik Degree Of Protection</b>	IK07 conforming to IEC 62262
<b>Electrical Shock Protection Class</b>	Class II
<b>Ambient Air Temperature For Operation</b>	-35...70 °C
<b>Ambient Air Temperature For Storage</b>	-55...85 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	13.7 cm
<b>Package 1 Width</b>	11.5 cm
<b>Package 1 Length</b>	19.3 cm
<b>Package 1 Weight</b>	1.971 kg
<b>Unit Type Of Package 2</b>	S04
<b>Number Of Units In Package 2</b>	12
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	40.0 cm
<b>Package 2 Length</b>	60.0 cm
<b>Package 2 Weight</b>	24.598 kg

## Contractual warranty

<b>Warranty</b>	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-CO<sub>2</sub> 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 RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)