# **Product datasheet**

Specification





# switch disconnector ComPact NSX250 NA, 2 poles, 250 A

LV431619

Discontinued on: 20 Nov 2023

! Discontinued

#### Main

Mani	
Range	ComPact
Product Name	ComPact NSX
Product Or Component Type	Switch disconnector
Device Short Name	Compact NSX250NA
Poles Description	2P
Network Type	DC AC
[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
[le] Rated Operational Current	AC-22A: 250 A AC 50/60 Hz 220690 V AC-23A: 250 A AC 50/60 Hz 220690 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"

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
20000 cycles conforming to IEC 60947-3
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
35 mm
161 mm
105 mm
86 mm

## **Environment**

Standards	EN/IEC 60947 UL 508
Product Certifications	EAC CCC
Ip Degree Of Protection	IP40 conforming to IEC 60529
Ik Degree Of Protection	IK07 conforming to IEC 62262
Electrical Shock Protection Class	Class II
Ambient Air Temperature For Operation	-3570 °C
Ambient Air Temperature For Storage	-5585 °C

# **Packing Units**

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Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	14.0 cm
Package 1 Width	11.3 cm
Package 1 Length	19.3 cm
Package 1 Weight	1.988 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	4
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	8.372 kg

## **Contractual warranty**

Warranty 18 months



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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
Circularity Profile	End of Life Information