

Product datasheet

Specifications



switch disconnecter ComPact NSX630 NA. 4 poles. 630 A

LV432957

! Discontinued on: 20 Nov 2023

Price: 18,108.77 ZAR

! Discontinued

Main

Range	ComPact
Product Name	ComPact NSX
Product Or Component Type	Switch disconnecter
Device Short Name	Compact NSX630NA
Poles Description	4P
Network Type	AC
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz conforming to IEC 60947-3
[Ie] Rated Operational Current	AC-22A: 630 A AC 50/60 Hz 220...690 V AC-23A: 630 A AC 50/60 Hz 220...690 V
[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	630 A at 60 °C
[Icm] Rated Short-Circuit Making Capacity	330 kA with upstream protection circuit breaker 8.5 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
[Icw] Rated Short-Time Withstand Current	2.32 kA during 20 s conforming to IEC 60947-3 6 kA during 1 s conforming to IEC 60947-3 6 kA during 3 s conforming to IEC 60947-3
Mechanical Durability	15000 cycles conforming to IEC 60947-3

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

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

Electrical Durability	AC-22A: 1500 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3 AC-22A: 3000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3 AC-22A: 3000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-22A: 6000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A: 1500 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A: 3000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A: 3000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A: 6000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3
Connection Pitch	45 mm
Height	255 mm
Width	185 mm
Depth	110 mm
Net Weight	6.8 kg

Environment

Standards	EN/IEC 60947-3
Product Certifications	IECEE CB Scheme
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	-35...70 °C
Ambient Air Temperature For Storage	-55...85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	15.3 cm
Package 1 Width	20.2 cm
Package 1 Length	29.3 cm
Package 1 Weight	7.323 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	3
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	23.242 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 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