

Product data sheet

Specifications



switch disconnecter ComPact NSX250 NA, 3 poles, 250 A

LV431629

⚠ Discontinued on: Jun 15, 2023

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Product availability: Non-Stock - Not normally stocked in distribution facility

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

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 IEC 60947-3 750 V DC 3 poles in series IEC 60947-3 500 V DC 2 poles in series IEC 60947-3 250 V DC 1 pole 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 IEC 60947-3
[Uimp] rated impulse withstand voltage	8 kV IEC 60947-3
[Ith] conventional free air thermal current	250 A 140 °F (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 EN 60947-3 Yes IEC 60947-3
Contact position indicator	Yes
Visible break	No
Pollution degree	3 IEC 60664-1

Complementary

Control Type	Toggle
Mounting Mode	Fixed
Mounting Support	Backplate
Upside connection	Front

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Downside connection	Front
[I_{cw}] rated short-time withstand current	1.35 kA 20 s IEC 60947-3 3.5 kA 1 s IEC 60947-3 3.5 kA 3 s IEC 60947-3
Mechanical durability	20000 cycles IEC 60947-3
Electrical durability	AC-22A 10000 cycles 250 V DC In/2 (1 pole) IEC 60947-3 AC-22A 5000 cycles 500 V DC In (2 poles in series) IEC 60947-3 AC-23A 10000 cycles 250 V DC In/2 (1 pole) IEC 60947-3 AC-23A 5000 cycles 500 V DC In (2 poles in series) IEC 60947-3 AC-22A 15000 cycles 440 V AC 50/60 Hz In/2 IEC 60947-3 AC-22A 3000 cycles 690 V AC 50/60 Hz In IEC 60947-3 AC-22A 6000 cycles 690 V AC 50/60 Hz In/2 IEC 60947-3 AC-22A 7500 cycles 440 V AC 50/60 Hz In IEC 60947-3 AC-23A 15000 cycles 440 V AC 50/60 Hz In/2 IEC 60947-3 AC-23A 3000 cycles 690 V AC 50/60 Hz In IEC 60947-3 AC-23A 6000 cycles 690 V AC 50/60 Hz In/2 IEC 60947-3 AC-23A 7500 cycles 440 V AC 50/60 Hz In IEC 60947-3
Connection pitch	1.4 in (35 mm)
Height	6.3 in (161 mm)
Width	4.1 in (105 mm)
Depth	3.4 in (86 mm)
Net Weight	4.0 lb(US) (1.8 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	-31...158 °F (-35...70 °C)
Ambient Air Temperature for Storage	-67...185 °F (-55...85 °C)

Ordering and shipping details

Category	US10DE201101
Discount Schedule	0DE2
GTIN	3606480014178
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.4 in (13.7 cm)
Package 1 Width	4.5 in (11.5 cm)
Package 1 Length	7.6 in (19.3 cm)
Package weight(Lbs)	4.345 lb(US) (1.971 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	12
Package 2 Height	11.8 in (30.0 cm)

Package 2 Width	15.7 in (40.0 cm)
Package 2 Length	23.6 in (60.0 cm)
Package 2 Weight	54.229 lb(US) (24.598 kg)

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 763

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 3874e08b-fcb8-4aa9-87c4-d36abebf2833

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

Use Again

Repack and remanufacture

Circularity Profile [End of Life Information](#)

WEEE Label



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