

Product datasheet

Specifications



switch disconnecter ComPact NSX630 NA DC, 4 poles, 630 A

LV438152

⚠ Discontinued on: 3 Jan 2024

⚠ Discontinued

Main

Range	ComPact
Product name	ComPact NSX DC
Product or component type	Switch disconnecter
Device short name	Compact NSX630NA DC
Poles description	4P
Network type	DC
[Ue] rated operational voltage	750 V DC conforming to IEC 60947-3
[Ie] rated operational current	DC-22A: 630 A DC 750 V
[Ui] rated insulation voltage	750 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	630 A
[Icm] rated short-circuit making capacity	7.5 kA switch-disconnector alone
Breaking capacity code	NA
Suitability for isolation	Yes conforming to EN 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	7.5 kA during 1 s conforming to IEC 60947-3
Mechanical durability	5000 cycles conforming to IEC 60947-3
Electrical durability	1000 cycles 750 V DC In conforming to IEC 60947-3 2000 cycles 750 V DC In/2
Connection pitch	45 mm
Height	255 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

Width	185 mm
Depth	110 mm
Net weight	7.8 kg

Environment

Standards	EN/IEC 60947-3
Product certifications	CE
IP degree of protection	IP20 conforming to IEC 60529
Electrical shock protection class	Class II

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.7 cm
Package 1 Width	20.0 cm
Package 1 Length	29.1 cm
Package 1 Weight	7.296 kg

Contractual warranty

Warranty (in months)	18
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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 >](#)

Use Longer

Lifetime extension	
Repair	No

Use Again

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