

Product data sheet

Specifications



Switch disconnecter, ComPact NSXm NA, 3P, 100A rating, compression lugs and busbar connectors

LV426651

Main

Range	ComPact
Product name	ComPact NSXm
Product or component type	Switch disconnecter
Device application	Distribution

Complementary

[In] rated current	100 A
Poles description	3P
Control type	Toggle
Mounting mode	Clip-on (35 mm symmetrical DIN rail) By screws (plate)
Network type	AC
Network frequency	50/60 Hz
[Ie] rated operational current	100 A - utilisation category AC-23 AC 50/60 Hz 100 A - utilisation category AC-22 AC 50/60 Hz
[Ui] rated insulation voltage	800 V conforming to IEC 60947-2
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Icw] rated short-time withstand current	1.5 kA during 3 s conforming to IEC 60947-3
[Icm] rated short-circuit making capacity	2.13 kA
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Mechanical durability	20000 cycles conforming to IEC 947-1 Annex K ed 5.2 In
Electrical durability	10000 cycles conforming to IEC 947-1 Annex F ed 5.2 for In at 440 V
Contact position indicator	Yes
Connection pitch	27 mm 35 mm with spreaders
Local signalling	Flag (green) for presence of auxiliary contacts
Toggle padlocking (with accessories)	Padlock in OFF or ON position
Connections - terminals	compression lug/busbar
Tightening torque	5 N.m for 2.5...10 mm ² 9 N.m for 16...95 mm ²
Thread type	M6

List Price displayed is VAT EXCLUSIVE.

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

Number of slots	1 slot(s) for auxiliary switch OF (plug-in) 1 slot(s) for alarm switch SD (plug-in) 1 slot(s) for voltage release MN or MX (plug-in)
Thickness	8 mm
Power wire stripping length	20 mm
Quality labels	CE
Standards	EN/IEC 60947
Colour	Grey (RAL 7016)
Operating altitude	2000 m without derating 5000 m with derating
9 mm pitches	9
Height	137 mm
Width	81 mm
Depth	80 mm
Product weight	1.06 kg
Quantity per set	Set of 1

Environment

Product certifications	CCC EAC Marine
IP degree of protection	Front face: IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	12.5 cm
Package 1 Length	22.0 cm
Package 1 Weight	1.086 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 >](#)



Environmental footprint

Total lifecycle Carbon footprint	308 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	301 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

SCIP Number	266401fd-2db7-458f-b0c1-34d573cc83b3
EU RoHS Directive	Compliant By Exemption

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

End of life manual availability	No need of specific recycling operations
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins