Product datasheet

Specifications

Green Premium™

Discontinued

switch disconnector Compact NSXm NA, 3P, 160A rating, compression lugs and busbar connectors

LV426652

Discontinued on: 31-Dec-2022

Main

Range	ComPact
Product Name	ComPact NSXm
Product Or Component Type	Switch disconnector
Device Application	Distribution

Complementary

[In] Rated Current	160 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 160 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

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

Tightening Torque	5 N.m for 2.5…10 mm² 9 N.m for 16…95 mm²
Thread Type	M6
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
Net 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	12.3 cm
Package 1 Width	9.5 cm
Package 1 Length	21 cm
Package 1 Weight	1.096 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	9
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	12.29 kg
Unit Type Of Package 3	P12

Number Of Units In Package 3	72
Package 3 Height	50 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	110.32 kg

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-CO_2 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 >

RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information — Yes

Certifications & Standards

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins