Product datasheet

Specifications

Green Premium™

switch disconnector ComPact NSX160 NA, 2 poles, 100 A

LV430619

Discontinued on: Jan 5, 2022

Discontinued

Main

Range	ComPact
Product Name	ComPact NSX
Product Or Component Type	Switch disconnector
Device Short Name	Compact NSX160NA
Poles Description	2P
Network Type	AC DC
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz conforming to IEC 60947-3 750 V DC 3 poles in series conforming to IEC 60947-3 500 V DC 2 poles in series conforming to IEC 60947-3 250 V DC 1 pole conforming to IEC 60947-3
[Ie] Rated Operational Current	AC-22A: 160 A AC 50/60 Hz 220...690 V AC-23A: 160 A AC 50/60 Hz 220...690 V DC-22A: 160 A DC 250 V 1 pole DC-22A: 160 A DC 500 V 2 poles in series DC-23A: 160 A DC 250 V 1 pole DC-23A: 160 A DC 500 V 2 poles in series
[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	160 A at 60 °C
[Icm] Rated Short-Circuit Making Capacity	330 kA with upstream protection circuit breaker 3.6 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

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

[Icw] Rated Short-Time Withstand Current	0.96 kA during 20 s conforming to IEC 60947-3 2.5 kA during 1 s conforming to IEC 60947-3 2.5 kA during 3 s conforming to IEC 60947-3
Mechanical Durability	40000 cycles conforming to IEC 60947-3
Electrical Durability	AC-22A: 10000 cycles 250 V DC In/2 (1 pole) conforming to IEC 60947-3 AC-22A: 5000 cycles 500 V DC In (2 poles in series) conforming to IEC 60947-3 AC-23A: 10000 cycles 250 V DC In/2 (1 pole) conforming to IEC 60947-3 AC-23A: 5000 cycles 500 V DC In (2 poles in series) conforming to IEC 60947-3 AC-22A: 10000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-22A: 15000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3 AC-22A: 30000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-22A: 5000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A: 10000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A: 15000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A: 30000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A: 5000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3
Connection Pitch	35 mm
Height	161 mm
Width	105 mm
Depth	86 mm
Net Weight	1.8 kg

Environment

Standards	EN/IEC 60947 UL 508
Product Certifications	EAC CCC
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

Contractual warranty

Warranty	18 months

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