

Product data sheet

Specifications



Switch disconnecter, ComPact NSXm NA, 4P, 100A rating, EverLink connectors

LV426611

To be discontinued on: 30 June 2023

To be discontinued

Important message : This product has been switched to new ComPacT range and is no longer commercialized. It will continue to be available in H1 2023 only limited to specific projects.

Main

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

Complementary

| | |
|---|--|
| [In] rated current | 100 A |
| Poles description | 4P |
| Neutral position | Left |
| 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 | 1 Everlink lug wire size 2.5...70 mm², flexible copper 1 Everlink lug wire size 2.5...95 mm², rigid or stranded aluminium/copper |
| Tightening torque | 5 N.m for 2.5...10 mm² 9 N.m for 16...95 mm² |
| 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) |
| 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 | 12 |
| Height | 137 mm |
| Width | 108 mm |
| Depth | 80 mm |
| Net weight | 1.42 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 | 13.0 cm |
| Package 1 Width | 21.0 cm |
| Package 1 Length | 12.0 cm |
| Package 1 Weight | 1.6 kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 30 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 10.19 kg |

Offer Sustainability

| | |
|----------------------------|--|
| Sustainable offer status | Green Premium product |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| 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 |

Recommended replacement(s)

LV426611 is replaced by:

1x



Switch disconnecter, ComPacT NSXm 100NA, 4 poles, thermal current Ith 100A, EverLink lugs
C114100LS