

Product data sheet

Characteristics

LV426602

Compact NSXm - switch disconnecter - 160A 3P - 2.13(lcm) 1.5(lcw) - Everlink lug



Main

| | |
|---------------------------|---------------------|
| Range | ComPact |
| Product name | ComPact NSXm |
| Product or component type | Switch disconnecter |
| 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 | 1 Everlink lug wire size 2.5...95 mm ² , rigid or stranded copper 1 Everlink lug wire size 2.5...70 mm ² , flexible copper |
| Tightening torque | 5 N.M for 2.5...10 mm ² 9 N.m for 16...95 mm ² |
| 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 |

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| | |
|--------------------|---|
| 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 Weight | 1.343 kg |
| Package 1 Height | 9 cm |
| Package 1 width | 12.5 cm |
| Package 1 Length | 22 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 9 |
| Package 2 Weight | 12.29 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |
| Package 3 Height | 110 cm |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| China RoHS Regulation |  China RoHS Declaration |
| 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 |