

Product data sheet

Characteristics

LV426660

switch disconnector Compact NSXm NA, 4P,
50A rating, compression lugs and busbar
connectors



Main

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

Complementary

| | |
|---|--|
| [In] rated current | 50 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 | 50 A - utilisation category AC-23 AC 50/60 Hz 50 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 | 0.9 kA during 3 s conforming to IEC 60947-3 |
| [Icm] rated short-circuit making capacity | 1.28 kA |
| [Uimp] rated impulse withstand voltage | 8 kV 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 |
| 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 |

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| | |
|--------------------|---|
| 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

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|------------------|------------|
| Package 1 Weight | 1.500 kg |
| Package 1 Height | 125.000 mm |
| Package 1 width | 117.000 mm |
| Package 1 Length | 220.000 mm |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | <input checked="" type="checkbox"/> REACH Declaration |
| EU RoHS Directive | Compliant <input checked="" type="checkbox"/> EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | <input checked="" type="checkbox"/> Yes |
| China RoHS Regulation | <input checked="" type="checkbox"/> China RoHS Declaration |
| Environmental Disclosure | <input checked="" type="checkbox"/> Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |