

# Product datasheet

Specifications



## switch disconnecter Compact NSXm NA. 4P. 50A rating. EverLink connectors

LV426610

⚠ Discontinued on: 20 Nov 2023

⚠ Discontinued

Price: 4,624.35 ZAR

### Main

|                           |                     |
|---------------------------|---------------------|
| Range                     | ComPact             |
| Product name              | ComPact NSXm        |
| Product or component type | Switch disconnecter |
| 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)<br>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<br>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 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<br>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<br>1 Everlink lug wire size 2.5...95 mm², rigid or stranded aluminium/copper |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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<br>9 N.m for 16...95 mm²                                                                                            |
| Number of slots             | 1 slot(s) for auxiliary switch OF (plug-in)<br>1 slot(s) for alarm switch SD (plug-in)<br>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<br>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<br>EAC<br>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             | 11.7 cm  |
| Package 1 Width              | 12.5 cm  |
| Package 1 Length             | 22 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 |
| Unit Type of Package 3       | P12      |
| Number of Units in Package 3 | 48       |
| Package 3 Height             | 50 cm    |

|                  |          |
|------------------|----------|
| Package 3 Width  | 80 cm    |
| Package 3 Length | 120 cm   |
| Package 3 Weight | 93.52 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

|  Environmental footprint |                                               |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                                                                          | 195 kg CO2 eq.                                |
| Environmental Disclosure                                                                                  | <a href="#">Product Environmental Profile</a> |
| Carbon footprint of the manufacturing phase [A1 to A3]                                                    | 11 kg CO2 eq.                                 |
| Carbon footprint of the distribution phase [A4]                                                           | 0.2 kg CO2 eq.                                |
| Carbon footprint of the installation phase [A5]                                                           | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]                                                        | 184 kg CO2 eq.                                |
| Carbon footprint of the end-of-life phase [C1 to C4]                                                      | 0.2 kg CO2 eq.                                |

Use Better

|  Materials and Substances |                                      |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <a href="#">EU RoHS Directive</a>                                                                           | Compliant with Exemptions            |
| SCIP Number                                                                                                 | 266401fd-2db7-458f-b0c1-34d573cc83b3 |

Use Longer

|  Lifetime extension |    |
|--------------------------------------------------------------------------------------------------------|----|
| Repair                                                                                                 | No |

Use Again

|  Repack and remanufacture |                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End of life manual availability                                                                              | No need of specific recycling operations                                                                                                                                                                        |
| WEEE Label                                                                                                   |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |