# Product datasheet

Specifications




Discontinued

## Undervoltage release MN, ComPacT NSX, rated voltage 60VDC, screwless spring terminal connections

LV429403

Discontinued on: Dec 20, 2022

## Main

| | |
|---|---|
| **Range** | ComPacT |
| **Range of product** | ComPact NSX100...250<br>ComPacT NSX100...250<br>ComPact NSX400...630<br>ComPacT NSX400...630<br>ComPact NSX100...250 DC<br>ComPacT NSX100...250 DC<br>ComPact NSX100...250 DC PV<br>ComPacT NSX100...250 DC PV<br>ComPact NSX400...630 DC<br>ComPacT NSX400...630 DC<br>ComPact NSX400...630 DC PV<br>ComPacT NSX400...630 DC PV |
| **Device short name** | MN |
| **Product or component type** | Voltage release |
| **Device application** | Control |
| **Voltage release type** | Opening coil<br>Undervoltage release |
| **[Uc] control circuit voltage** | 60 V DC |
| **Range compatibility** | ComPacT ComPacT NSX<br>ComPacT ComPacT NSX DC<br>ComPact ComPact NSX<br>ComPact ComPact NSX DC<br>EasyPact EasyPact CVS<br>PowerPact PowerPact Multistandard |

## Complementary

| | |
|---|---|
| **Operating threshold** | 0.35...0.7 x Un opening<br>0.85 x Un closing |
| **Response time** | 50 ms |
| **Supply holding power** | 5 W |
| **Supply inrush power** | 10 W |
| **Auxiliary connection terminal** | Spring 0.5…1.5 mm² (AWG 20...AWG 16) |
| **Wire stripping length** | 7 mm |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 4.0 cm |

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

| | |
|---|---|
| **Package 1 Width** | 6.3 cm |
| **Package 1 Length** | 8.5 cm |
| **Package 1 Weight** | 124.0 g |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 10 |
| **Package 2 Height** | 9.2 cm |
| **Package 2 Width** | 15.0 cm |
| **Package 2 Length** | 22.5 cm |
| **Package 2 Weight** | 1.334 kg |
| **Unit Type of Package 3** | S03 |
| **Number of Units in Package 3** | 60 |
| **Package 3 Height** | 30.0 cm |
| **Package 3 Width** | 30.0 cm |
| **Package 3 Length** | 40.0 cm |
| **Package 3 Weight** | 8.491 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 | **180 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.4 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0.1 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **180 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.2 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| SCIP Number | **81ad7b79-ef4f-4746-bccc-1c5b358db33b** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| Halogen-free status | **Product contains halogen above thresholds** |
| PVC free | **Yes** |
| Silicone-free | **No** |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **79** |
| End of life manual availability | **No need of specific recycling operations** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |