# Product data sheet
## Characteristics

# LV429414
## Undervoltage release MN, ComPacT NSX, rated voltage 250VDC, screwless spring terminal connections




## 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 | 250 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

| | |
|---|---|
| Threshold tripping voltage | 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 (20 AWG...16 AWG) |
| Wire stripping length | 7 Mm |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.4 Cm |
| Package 1 Width | 4 Cm |
| Package 1 Length | 8.1 Cm |

| | |
|---|---|
| Package 1 Weight | 125 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 9 Cm |
| Package 2 Width | 15 Cm |
| Package 2 Length | 22.5 Cm |
| Package 2 Weight | 1.345 Kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 60 |
| Package 3 Height | 30 Cm |
| Package 3 Width | 30 Cm |
| Package 3 Length | 40 Cm |
| Package 3 Weight | 8.51 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 79 |
| Total lifecycle Carbon footprint | 180 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.4468229166666667 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.4 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.03603229166666667 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.08757083333333335 |
| Carbon footprint of the installation phase [A5] | 0.1 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 179.52000000000004 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 180 kg CO2 eq. |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.18840625000000003 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.2 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 180 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| SCIP Number | 81ad7b79-ef4f-4746-bccc-1c5b358db33b |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which |
| Halogen-free status | Product contains halogen above thresholds |
| PVC free | Yes |
| Silicone-free | No |
| 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 |

## Contractual warranty

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

Product Life Status : Commercialised