

# Product data sheet

Specifications



## Terminal block, Linergy TR, green-yellow, 16mm<sup>2</sup>, protective earth, 2 points, Set of 50

NSYTRV162PE

### Main

|                           |                    |
|---------------------------|--------------------|
| Range                     | Linergy            |
| Product Name              | Linergy TR         |
| Product Or Component Type | Terminal block     |
| Device Short Name         | TRV                |
| Terminal Block Type       | Protective earth   |
| Terminal Block Level      | 1                  |
| Mounting Mode             | Clip-on            |
| Nominal Cross Section     | 16 mm <sup>2</sup> |
| Length                    | 55.5 mm            |
| Colour                    | Green-yellow       |
| Quantity Per Set          | Set of 50          |

### Complementary

|                             |   |
|-----------------------------|---|
| Width                       | 12.2 mm   |
| Height                      | 55 mm   |
| Connections - Terminals     | 1 x screw terminal: upstream<br>1 x screw terminal: downstream  |
| Number Of Connections       | 2   |
| Connection Position         | Sideways  |
| Number Of Measurement Input | 2   |
| Cable Cross Section         | 1.5...25 mm <sup>2</sup> , solid<br>1...16 mm <sup>2</sup> , flexible with cable end<br>1.5...25 mm <sup>2</sup> , flexible without cable end |
| Tightening Torque           | 2.5...3 N.m   |
| Wire Stripping Length       | 14 mm   |
| Tool Type                   | Connection: screwdriver<br>Disconnection: screwdriver   |
| [In] Rated Current          | 101 A conforming to EN/IEC 60947-7-1  |
| Material                    | Polyamide 6/6: insulating case  |
| Dielectric Loss             | 0.01 at 1 MHz conforming to IEC 60250<br>0.01 at 1 MHz conforming to VDE 0303-T4  |
| Dielectric Constant         | 3.7 at 1 MHz  |
| Resistivity                 | 10000 MΩ.m conforming to IEC 60093<br>10000 MΩ.m conforming to VDE 0303-T30   |

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

|                       |   |
|-----------------------|---|
| Surface Resistance    | 1000 GΩ conforming to IEC 60093<br>1000 GΩ conforming to VDE 0303-T30                       |
| Creep Resistance      | 500 CTI (> 400 kB) conforming to IEC 60093<br>500 CTI (> 400 kB) conforming to VDE 0303-T30 |
| Flame Retardance      | V0, thickness0.8 mm conforming to UL 94   |
| Net Weight            | 46.85 g   |
| Range Compatibility   | Prisma G<br>Prisma P<br>Prisma PH<br>Prisma Pack<br>Spacial<br>Kaedra<br>Pragma<br>TeSys    |
| Product Compatibility | Spacial enclosures  |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product Certifications                | ATEX<br>GL<br>DNV<br>VDE<br>cURus<br>LR<br>IEC-Ex<br>EAC<br>CSA                   |
| Dielectric Strength                   | 1000 V conforming to IEC 60243-1  |
| Ambient Air Temperature For Operation | -40...130 °C conforming to IEC 60216-1<br>-40...130 °C conforming to VDE 0304-T21 |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type Of Package 1       | PCE       |
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 9.300 cm  |
| Package 1 Width              | 11.000 cm |
| Package 1 Length             | 36.500 cm |
| Package 1 Weight             | 47.000 g  |
| Unit Type Of Package 2       | BB1       |
| Number Of Units In Package 2 | 50        |
| Package 2 Height             | 9.300 cm  |
| Package 2 Width              | 11.000 cm |
| Package 2 Length             | 36.500 cm |
| Package 2 Weight             | 2.396 kg  |
| Unit Type Of Package 3       | S03       |
| Number Of Units In Package 3 | 200       |
| Package 3 Height             | 30 cm     |
| Package 3 Width              | 30 cm     |
| Package 3 Length             | 40 cm     |
| Package 3 Weight             | 10.150 kg |

# Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

✓ Halogen Free Plastic Parts Product

## Certifications & Standards

|                          |   |
|--------------------------|---|
| Reach Regulation         | <a href="#">REACH Declaration</a>   |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>   |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | No need of specific recycling operations  |