

# NSYTRV102PE

## SCREW TERMINAL, PROTECTIVE EARTH, 2 POINTS, 10MM<sup>2</sup>, GREEN-YELLOW



### 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     | 10 mm <sup>2</sup> |
| Length                    | 47.7 mm            |
| Colour                    | Green-yellow       |
| Quantity per set          | Set of 50          |

### Complementary

|                             |                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Width                       | 10.2 mm                                                                                                                                         |
| Height                      | 47.5 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         | 0.5...16 Mm <sup>2</sup> , solid<br>0.5...10 Mm <sup>2</sup> , flexible with cable end<br>0.2...10 mm <sup>2</sup> , flexible without cable end |
| Tightening torque           | 1.5...1.8 N.m                                                                                                                                   |
| Wire stripping length       | 10 mm                                                                                                                                           |
| Tool type                   | Connection: screwdriver<br>Disconnection: screwdriver                                                                                           |
| [In] rated current          | 76 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                                                                     |
| Surface resistance          | 1000 GΩ conforming to IEC 60093<br>1000 GΩ conforming to VDE 0303-T30                                                                           |
| Creep resistance            | 500 CTI (> 400 kV) conforming to IEC 60093<br>500 CTI (> 400 kV) conforming to VDE 0303-T30                                                     |
| Flame retardance            | V0, thickness 0.8 mm conforming to UL 94                                                                                                        |
| Net weight                  | 29.48 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                                                                                                                              |

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## Environment

|                                       |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| Product certifications                | IEC-Ex<br>CURus<br>LR<br>EAC<br>VDE<br>GL<br>ATEX<br>CSA<br>DNV                   |
| 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 Weight             | 30 g      |
| Package 1 Height             | 4.8 cm    |
| Package 1 width              | 1 cm      |
| Package 1 Length             | 4.7 cm    |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 50        |
| Package 2 Weight             | 1.48 kg   |
| Package 2 Height             | 5 cm      |
| Package 2 width              | 7 cm      |
| Package 2 Length             | 9.7 cm    |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 350       |
| Package 3 Weight             | 10.725 kg |
| Package 3 Height             | 30 cm     |
| Package 3 width              | 30 cm     |
| Package 3 Length             | 40 cm     |

## Offer Sustainability

|                             |                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                             |
| REACH Regulation            |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive           | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free                | Yes                                                                                                                               |
| RoHS exemption information  |  <a href="#">Yes</a>                           |
| China RoHS Regulation       |  <a href="#">China RoHS Declaration</a>        |
| 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       |
| Halogen content performance | Halogen free plastic parts product                                                                                                |

## Contractual warranty

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