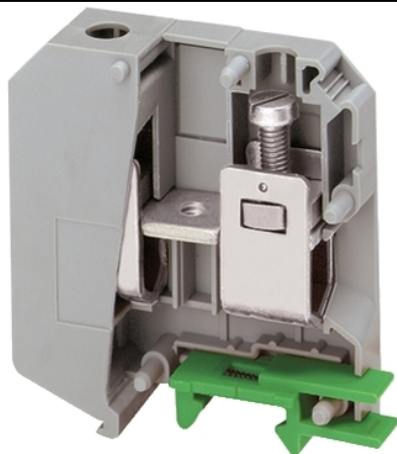


## Product data sheet

### Characteristics

# NSYTRV502

## SCREW TERMINAL, FEED THROUGH, 2 POINTS, 50MM<sup>2</sup> , GREY



### Main

|                                    |                      |
|------------------------------------|----------------------|
| Range                              | Lineryg              |
| Product name                       | Lineryg TR           |
| Product or component type          | Terminal block       |
| Device short name                  | TRV                  |
| Accessory / separate part category | Connection accessory |
| Terminal block type                | Passthrough          |
| Terminal block level               | 1                    |
| Mounting mode                      | Clip-on              |
| Nominal cross section              | 50 mm <sup>2</sup>   |
| Length                             | 70.5 mm              |
| Colour                             | Grey                 |
| Quantity per set                   | Set of 50            |

### Complementary

|                                |                                                                                                                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width                          | 20 mm                                                                                                                                                                                                                                    |
| Height                         | 83.5 mm                                                                                                                                                                                                                                  |
| Connections - terminals        | 1 x screw terminal: upstream (M6)<br>1 x screw terminal: downstream (M6)                                                                                                                                                                 |
| Number of connections          | 2                                                                                                                                                                                                                                        |
| Connection position            | Sideways                                                                                                                                                                                                                                 |
| Number of measurement input    | 1                                                                                                                                                                                                                                        |
| Cable cross section            | 25...70 Mm <sup>2</sup> , solid cable with cable end<br>25...50 Mm <sup>2</sup> , flexible cable with cable end<br>25...70 Mm <sup>2</sup> , solid cable without cable end<br>16...70 mm <sup>2</sup> , flexible cable without cable end |
| Tightening torque              | 6...8 N.m                                                                                                                                                                                                                                |
| Wire stripping length          | 24 mm                                                                                                                                                                                                                                    |
| Tool type                      | Connection: screwdriver<br>Disconnection: screwdriver                                                                                                                                                                                    |
| [Ue] rated operational voltage | 1000 V conforming to EN/IEC 60947-7-1<br>600 V CSA<br>690 V conforming to ATEX Exe II Ex II 2 GD<br>600 V cURus                                                                                                                          |
| [In] rated current             | 150 A cURus<br>150 A CSA<br>150 A conforming to EN/IEC 60947-7-1<br>137 A conforming to ATEX Exe II Ex II 2 GD                                                                                                                           |
| Material                       | Polyamide 6/6: insulating case<br>Copper alloy: connector and screw<br>Copper alloy: commoning link<br>Chromium-nickel steel: spring                                                                                                     |
| 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                                                                                                                                                                    |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the company mentioned herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                       |                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------|
| 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            | 120.28 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                | CURus<br>GL<br>EAC<br>LR<br>VDE<br>DNV<br>CSA<br>IEC-Ex<br>ATEX                   |
| 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             | 120.0 g   |
| Package 1 Height             | 8.0 cm    |
| Package 1 width              | 8.5 cm    |
| Package 1 Length             | 22.5 cm   |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 10        |
| Package 2 Weight             | 1.197 kg  |
| Package 2 Height             | 8.5 cm    |
| Package 2 width              | 8.9 cm    |
| Package 2 Length             | 23.0 cm   |
| Unit Type of Package 3       | P06       |
| Number of Units in Package 3 | 720       |
| Package 3 Weight             | 98.724 kg |
| Package 3 Height             | 75.0 cm   |
| Package 3 width              | 60.0 cm   |
| Package 3 Length             | 80.0 cm   |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| REACH free of SVHC         | Yes                                                                                                                               |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free     | Yes                                                                                                                               |
| 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 |
|----------|-----------|