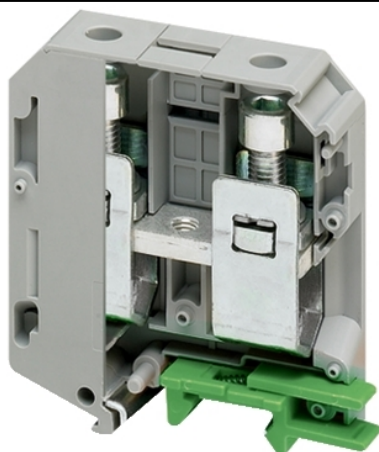


## Product data sheet

### Characteristics

# NSYTRV702

## SCREW TERMINAL, FEED THROUGH, 2 POINTS, 70MM<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              | 70 mm <sup>2</sup>   |
| Length                             | 70.5 mm              |
| Colour                             | Grey                 |
| Quantity per set                   | Set of 10            |

### Complementary

|                                |                                                                                                                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width                          | 20.3 mm                                                                                                                                                                                                                                  |
| Height                         | 87.5 mm                                                                                                                                                                                                                                  |
| Connections - terminals        | 1 x screw terminal: upstream (M8)<br>1 x screw terminal: downstream (M8)                                                                                                                                                                 |
| 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...70 Mm <sup>2</sup> , solid cable without cable end<br>25...70 Mm <sup>2</sup> , flexible cable with cable end<br>16...95 mm <sup>2</sup> , flexible cable without cable end |
| Tightening torque              | 8...10 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>1000 V CSA<br>600 V cURus                                                                                                                                                                       |
| [In] rated current             | 192 A conforming to EN/IEC 60947-7-1<br>192 A CSA<br>192 A cURus                                                                                                                                                                         |
| 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                                                                                                                                                                    |
| 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            | 195 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                | DNV<br>CSA<br>EAC<br>CURus<br>LR<br>IEC-Ex<br>VDE<br>GL<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             | 145.0 g   |
| Package 1 Height             | 9.2 cm    |
| Package 1 width              | 11.5 cm   |
| Package 1 Length             | 36.2 cm   |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 10        |
| Package 2 Weight             | 1.659 kg  |
| Package 2 Height             | 9.2 cm    |
| Package 2 width              | 11.5 cm   |
| Package 2 Length             | 36.2 cm   |
| Unit Type of Package 3       | P06       |
| Number of Units in Package 3 | 480       |
| Package 3 Weight             | 92.968 kg |
| Package 3 Height             | 73.5 cm   |
| Package 3 width              | 80.0 cm   |
| Package 3 Length             | 60.0 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 |
|----------|-----------|