# Product data sheet
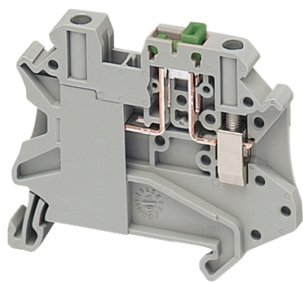
Specifications

## Terminal block, Linergy TR, screw type, knife disconnect, 2 points, 4mm², grey

NSYTRV42SC

## Main

| | |
|---|---|
| **Range** | Linergy |
| **Product Name** | Linergy TR |
| **Product Or Component Type** | Terminal block |
| **Device Short Name** | TRV |
| **Terminal Block Type** | Blade disconnect |
| **Terminal Block Level** | 1 |
| **Mounting Mode** | Clip-on |
| **Nominal Cross Section** | 4 mm² |
| **Length** | 57.8 mm |
| **Colour** | Grey |
| **Quantity Per Set** | Set of 50 |

## Complementary

| | |
|---|---|
| **Width** | 6.2 mm |
| **Height** | 49.1 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** | 0.14…6 mm², flexible without cable end<br>0.14…6 mm², solid |
| **Tightening Torque** | 0.6…0.8 N.m |
| **Wire Stripping Length** | 9 mm |
| **Tool Type** | Connection: screwdriver<br>Disconnection: screwdriver |
| **[Ue] Rated Operational Voltage** | 500 V conforming to EN/IEC 60947-7-1<br>600 V CSA<br>600 V cURus |
| **[In] Rated Current** | 20 A conforming to EN/IEC 60947-7-1<br>16 A CSA<br>16 A cURus |
| **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 |

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| | |
|---|---|
| **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 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** | 13.7 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>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** | 5.600 cm |
| **Package 1 Width** | 8.300 cm |
| **Package 1 Length** | 32.400 cm |
| **Package 1 Weight** | 12.000 g |
| **Unit Type Of Package 2** | BB1 |
| **Number Of Units In Package 2** | 50 |
| **Package 2 Height** | 5.600 cm |
| **Package 2 Width** | 8.300 cm |
| **Package 2 Length** | 32.400 cm |
| **Package 2 Weight** | 659.000 g |
| **Unit Type Of Package 3** | S03 |
| **Number Of Units In Package 3** | 700 |
| **Package 3 Height** | 30.000 cm |
| **Package 3 Width** | 30.000 cm |
| **Package 3 Length** | 40.000 cm |
| **Package 3 Weight** | 9.784 kg |

## Contractual warranty

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**Warranty**                         18 months

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# Sustainability

**Green Premium<sup>TM</sup> 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-$CO_2$ products.

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

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency    RoHS/REACh

## Well-being performance

✓ Mercury Free

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✓ Rohs Exemption Information          Yes

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✓ Halogen Free Plastic Parts Product

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## Certifications & Standards

**Reach Regulation**                    REACh Declaration

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**Eu Rohs Directive**                    Compliant with Exemptions

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**China Rohs Regulation**               China RoHS declaration

Product out of China RoHS scope. Substance declaration for your information

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**Environmental Disclosure**            Product Environmental Profile

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**Weee**                                The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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**Circularity Profile**                 No need of specific recycling operations

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**California Proposition 65**           WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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