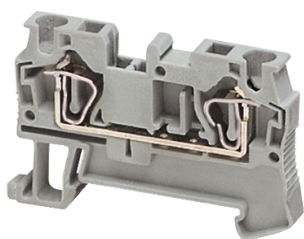


# Product data sheet

Specifications



Terminal block, Linergy TR, spring type, feed through, 2 points, 4mm<sup>2</sup>, grey, set of 50

NSYTRR42

## Main

|                                    |                      |
|------------------------------------|----------------------|
| Range                              | Linergy              |
| Product name                       | Linergy TR           |
| Product or component type          | Terminal block       |
| Device short name                  | TRR                  |
| Accessory / separate part category | Connection accessory |
| Terminal block type                | Passthrough          |
| Terminal block level               | 1                    |
| Mounting mode                      | Clip-on              |
| Nominal cross section              | 4 mm <sup>2</sup>    |
| Length                             | 56 mm                |
| Colour                             | Grey                 |
| Quantity per set                   | Set of 50            |

## Complementary

|                                |                                                                                                                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width                          | 6.2 mm                                                                                                                                                                                                              |
| Height                         | 36.5 mm                                                                                                                                                                                                             |
| Connections - terminals        | 1 x spring terminal: upstream<br>1 x spring terminal: downstream                                                                                                                                                    |
| number of connections          | 2                                                                                                                                                                                                                   |
| Connection position            | Top                                                                                                                                                                                                                 |
| Number of measurement input    | 2                                                                                                                                                                                                                   |
| Cable cross section            | 0.08...4 mm <sup>2</sup> , solid without cable end<br>0.08...4 mm <sup>2</sup> , flexible without cable end<br>0.08...6 mm <sup>2</sup> , solid with cable end<br>0.2...4 mm <sup>2</sup> , flexible with cable end |
| Wire stripping length          | 10 mm                                                                                                                                                                                                               |
| Tool type                      | Connection: flat screwdriver<br>Disconnection: flat screwdriver                                                                                                                                                     |
| [Ue] rated operational voltage | 600 V CSA<br>800 V conforming to EN/IEC 60947-7-1<br>600 V UL                                                                                                                                                       |
| [In] rated current             | 32 A conforming to EN/IEC 60947-7-1<br>30 A CSA<br>30 A UL                                                                                                                                                          |

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

|                       |                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 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            | 6.5 g                                                                                                                                |
| Range compatibility   | PrismaSeT G<br>PrismaSeT P<br>PrismaSet HD<br>PrismaSeT Pack 250<br>PanelSeT<br>Mureva<br>PrismaSeT XS<br>TeSys                      |
| Product compatibility | Spacial enclosures                                                                                                                   |

## Environment

|                                       |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| Product certifications                | VDE<br>UL<br>CSA<br>DNV<br>GL                                                     |
| 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             | 0.500 cm  |
| Package 1 Width              | 3.600 cm  |
| Package 1 Length             | 5.600 cm  |
| Package 1 Weight             | 8.000 g   |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 50        |
| Package 2 Height             | 4.600 cm  |
| Package 2 Width              | 6.800 cm  |
| Package 2 Length             | 32.000 cm |
| Package 2 Weight             | 435.000 g |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 1200      |

|                  |           |
|------------------|-----------|
| Package 3 Height | 30.000 cm |
| Package 3 Width  | 30.000 cm |
| Package 3 Length | 40.000 cm |
| Package 3 Weight | 10.975 kg |

## Contractual warranty

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

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint          |                                               |
|----------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint | 6                                             |
| Environmental Disclosure         | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                                            |
|----------------------------------------|------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                        |
| Packaging without single use plastic   | Yes                                                        |
| <a href="#">EU RoHS Directive</a>      | Pro-active compliance (Product out of EU RoHS legal scope) |
| REACH Regulation                       | <a href="#">REACH Declaration</a>                          |
| Halogen-free status                    | Halogen free plastic parts product                         |
| PVC free                               | Yes                                                        |
| Silicone-free                          | Yes                                                        |

Use Again

| Repack and remanufacture        |                                          |
|---------------------------------|------------------------------------------|
| End of life manual availability | No need of specific recycling operations |
| Take-back                       | No                                       |