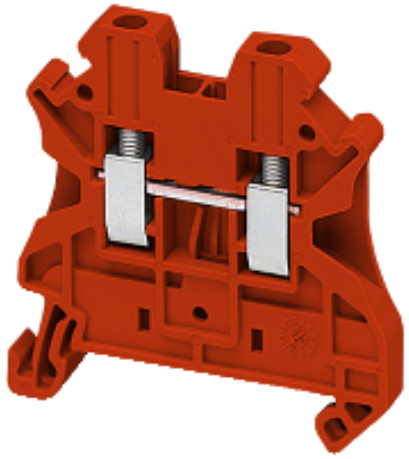
# Product data sheet
## Characteristics

# NSYTRV22RD
Terminal block, Linergy TR, screw type, feed through, 2 points, 2.5mm², red, set of 50



## Main

| | |
|---|---|
| Range | Linergy |
| Product name | Linergy 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 | 2.5 Mm² |
| Length | 47.7 Mm |
| Colour | Red |
| Quantity per set | Set of 50 |

## Complementary

| | |
|---|---|
| Width | 5.2 Mm |
| Height | 47.5 Mm |
| Connections - terminals | 1 x screw terminal: upstream (M3)<br>1 x screw terminal: downstream (M3) |
| Number of terminals | 2 |
| Connection position | Sideways |
| Number of measurement input | 2 |
| Cable cross section | 0.14…4 Mm², solid cable with cable end<br>0.2…2.5 Mm², flexible cable with cable end<br>0.14…4 Mm², solid cable without cable end<br>0.14…4 Mm², flexible cable without cable end |
| Tightening torque | 0.5…0.6 N.M |
| Wire stripping length | 9 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>600 V UL |
| [In] rated current | 24 A conforming to EN/IEC 60947-7-1<br>20 A UL<br>20 A CSA |
| 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 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 | 8.2 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 | DNV[RETURN]UL[RETURN]GL[RETURN]VDE[RETURN]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 | 5.000 Cm |
| Package 1 Width | 6.800 Cm |
| Package 1 Length | 5.040 Cm |
| Package 1 Weight | 7.000 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 50 |
| Package 2 Height | 5.000 Cm |
| Package 2 Width | 6.800 Cm |
| Package 2 Length | 25.200 Cm |
| Package 2 Weight | 400.000 G |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 1350 |
| Package 3 Height | 30.000 Cm |
| Package 3 Width | 30.000 Cm |
| Package 3 Length | 40.000 Cm |
| Package 3 Weight | 11.282 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 46 |
| Total lifecycle Carbon footprint | 5 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.045391614 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.000979717 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.00061231 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 4.4787 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 4 kg CO2 eq. |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.020666288 |

| | |
|---|---|
| Carbon footprint of the end-of-life phase [C1 to C4] | 0 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 5 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| SCIP Number | 8e5413ff-f1a1-4909-ad03-977097e33bd2 |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, wi |
| Halogen-free status | Halogen free plastic parts product |
| PVC free | Yes |
| Silicone-free | Yes |
| End of life manual availability | No need of specific recycling operations |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection a |

## Contractual warranty

| | |
|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised