

Product data sheet

Specifications



Terminal block, Linergy TR, green-yellow, 10mm², protective earth, 2 points, Set of 50

NSYTRV102PE

Main

Range	Linergy
Product name	Linergy TR
Product or component type	Terminal block
Device short name	TRV
Terminal block type	Protective earth
Terminal block level	1
Mounting mode	Clip-on
Nominal cross section	10 mm ²
Length	47.7 mm
Colour	Green-yellow
Quantity per set	Set of 50

Complementary

Width	10.2 mm
Height	47.5 mm
Connections - terminals	1 x screw terminal: upstream 1 x screw terminal: downstream
number of connections	2
Connection position	Sideways
Number of measurement input	2
Cable cross section	0.5...16 mm ² , solid 0.5...10 mm ² , flexible with cable end 0.2...10 mm ² , flexible without cable end
Tightening torque	1.5...1.8 N.m
Wire stripping length	10 mm
Tool type	Connection: screwdriver Disconnection: screwdriver
[In] rated current	76 A conforming to EN/IEC 60947-7-1
Material	Polyamide 6/6: insulating case
Dielectric loss	0.01 at 1 MHz conforming to IEC 60250 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 10000 MΩ.m conforming to VDE 0303-T30

Surface resistance	1000 GΩ conforming to IEC 60093 1000 GΩ conforming to VDE 0303-T30
Creep resistance	500 CTI (> 400 kB) conforming to IEC 60093 500 CTI (> 400 kB) conforming to VDE 0303-T30
Flame retardance	V0, thickness 0.8 mm conforming to UL 94
Net weight	29.48 g
Range compatibility	PrismaSeT G PrismaSeT P PrismaSeT Pack 250 PanelSeT TeSys Mureva PrismaSeT XS PrismaSet HD
Product compatibility	Spacial enclosures

Environment

Product certifications	UL VDE GL CSA DNV
Dielectric strength	1000 V conforming to IEC 60243-1
Ambient air temperature for operation	-40...130 °C conforming to IEC 60216-1 -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	7.000 cm
Package 1 Length	9.700 cm
Package 1 Weight	28.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	50
Package 2 Height	5.000 cm
Package 2 Width	7.000 cm
Package 2 Length	9.700 cm
Package 2 Weight	1.456 kg
Unit Type of Package 3	S03
Number of Units in Package 3	350
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	10.725 kg

Contractual warranty

Warranty	18 months
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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 **11**

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **Yes**

[EU RoHS Directive](#) **Compliant with Exemptions**

SCIP Number **8e5413ff-f1a1-4909-ad03-977097e33bd2**

REACH Regulation [REACH Declaration](#)

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](#)**

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**

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