

Product data sheet

Specifications



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

NSYTRV502PE

Product availability: Non-Stock - Not normally stocked in distribution facility

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	0.08 in² (50 mm²)
Length	2.8 in (70.5 mm)
color	Green-yellow
Quantity per Set	Set of 50

Complementary

Width	0.8 in (20 mm)
Height	3.3 in (83.5 mm)
Connections - terminals	1 x screw terminal upstream 1 x screw terminal downstream
number of connections	2
Connection position	Sideways
Number of measurement input	0
Cable cross section	0.04...0.1 in² (25...70 mm²), solid 0.04...0.08 in² (25...50 mm²), flexible with cable end 0.04...0.1 in² (25...70 mm²), flexible without cable end
Tightening torque	53.1...70.8 lbf.in (6...8 N.m)
Wire stripping length	0.9 in (24 mm)
Tool type	Connection screwdriver Disconnection screwdriver
Line Rated Current	150 A EN/IEC 60947-7-1
Material	Polyamide 6/6: insulating case
Dielectric loss	0.01 at 1 MHz IEC 60250 0.01 at 1 MHz VDE 0303-T4
Dielectric constant	3.7 at 1 MHz
Resistivity	10000 MΩ.m IEC 60093 10000 MΩ.m VDE 0303-T30

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Surface resistance	1000 GΩ IEC 60093 1000 GΩ VDE 0303-T30
Creep resistance	500 CTI (> 400 kB) IEC 60093 500 CTI (> 400 kB) VDE 0303-T30
Flame retardance	V0 0.03 in (0.8 mm) UL 94
Product Weight	6.5 oz (184 g)
Range compatibility	PrismaSeT G PrismaSeT P PrismaSeT Pack 250 PanelSeT TeSys Mureva PrismaSeT XS
Product Compatibility	Spacial enclosures

Environment

Product Certifications	LR GL DNV UL CSA
Dielectric strength	1000 V IEC 60243-1
Ambient air temperature for operation	-40...266 °F (-40...130 °C) IEC 60216-1 -40...266 °F (-40...130 °C) VDE 0304-T21

Ordering and shipping details

Category	US10CP521715
Discount Schedule	0CP5
GTIN	3606480532221
Returnability	No
Country of origin	PL

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.0 in (5 cm)
Package 1 Width	2.8 in (7 cm)
Package 1 Length	10.6 in (27 cm)
Package weight(Lbs)	6.2 oz (176 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	3.2 in (8.2 cm)
Package 2 Width	3.4 in (8.7 cm)
Package 2 Length	8.9 in (22.5 cm)
Package 2 Weight	4.030 lb(US) (1.828 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	60
Package 3 Height	11.8 in (30 cm)

Package 3 Width	11.8 in (30 cm)
Package 3 Length	15.7 in (40 cm)
Package 3 Weight	25.280 lb(US) (11.467 kg)

Contractual warranty

Warranty (in months)	18
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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	29 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.9 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	28 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
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
REACH Regulation	Free of Substances of Very High Concern above the threshold
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 content performance	Halogen free plastic parts product
PVC free	Yes
Silicon free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	64
Circularity Profile	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.