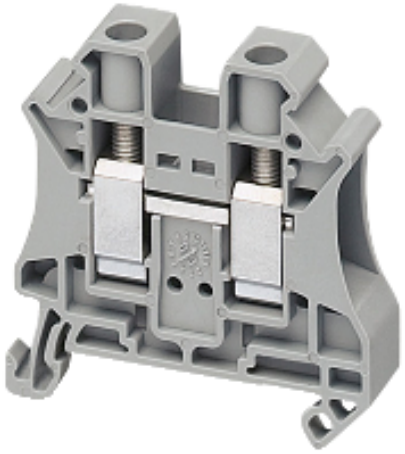
Product data sheet
Characteristics

NSYTRV102
Terminal block, Linergy TR, grey, 10mm², passthrough, 2 points, 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	10 Mm²
Length	47.7 Mm
Colour	Grey
Quantity per set	Set of 50

Complementary

Width	10.2 Mm
Height	47.5 Mm
Connections - terminals	1 x screw terminal: upstream (M4) 1 x screw terminal: downstream (M4)
Number of terminals	2
Connection position	Sideways
Number of measurement input	2
Cable cross section	0.2…10 Mm², solid cable with cable end 0.2…10 Mm², flexible cable with cable end 0.5…16 Mm², solid cable without cable end 0.5…16 Mm², flexible cable without cable end
Tightening torque	1.5…1.8 N.M
Wire stripping length	10 Mm
Tool type	Connection: screwdriver Disconnection: screwdriver
[Ue] rated operational voltage	1000 V conforming to EN/IEC 60947-7-1 600 V CSA 600 V UL
[In] rated current	57 A conforming to EN/IEC 60947-7-1 65 A UL 65 A CSA
Material	Polyamide 6/6: insulating case Copper alloy: connector and screw Copper alloy: commoning link Chromium-nickel steel: spring
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, thickness0.8 mm conforming to UL 94
Net weight	18 G
Range compatibility	PrismaSeT G PrismaSeT P PrismaSet HD PrismaSeT Pack 250 PanelSeT Mureva PrismaSeT XS TeSys
Product compatibility	Spacial enclosures

Environment

Product certifications	VDE[RETURN]DNV[RETURN]GL[RETURN]UL[RETURN]CSA
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	5.500 Cm
Package 1 Width	5.000 Cm
Package 1 Length	8.670 Cm
Package 1 Weight	17.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	50
Package 2 Height	5.000 Cm
Package 2 Width	10.400 Cm
Package 2 Length	26.500 Cm
Package 2 Weight	889.000 G
Unit Type of Package 3	S06
Number of Units in Package 3	5000
Package 3 Height	75.000 Cm
Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	102.200 Kg

Offer Sustainability

Recyclability potential, in %	46
Total lifecycle Carbon footprint	11 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.102391656
Carbon footprint of the manufacturing phase [A1 to A3]	0.1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.002209987
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.001381211
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	10.58601818
Carbon footprint of the use phase [B2, B3, B4, B6]	11 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.04661776

Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	11
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