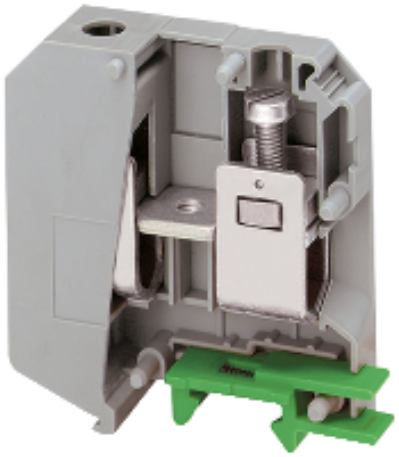
Product data sheet
Characteristics

NSYTRV502
Terminal block, Linergy TR, grey, 50mm², passthrough, 2 points, set of 10



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	50 Mm²
Length	70.5 Mm
Colour	Grey
Quantity per set	Set of 50

Complementary

Width	20 Mm
Height	83.5 Mm
Connections - terminals	1 x screw terminal: upstream (M6) 1 x screw terminal: downstream (M6)
Number of terminals	2
Connection position	Sideways
Number of measurement input	1
Cable cross section	25…70 Mm², solid cable with cable end 25…50 Mm², flexible cable with cable end 25…70 Mm², solid cable without cable end 16…70 Mm², flexible cable without cable end
Tightening torque	6…8 N.M
Wire stripping length	24 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	150 A UL[RETURN]150 A CSA[RETURN]150 A conforming to EN/IEC 60947-7-1
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	120.28 G
Range compatibility	PrismaSeT G PrismaSeT P PrismaSet HD PrismaSeT Pack 250 PanelSeT Mureva PrismaSeT XS TeSys
Product compatibility	Spacial enclosures

Environment

Product certifications	UL[RETURN]GL[RETURN]VDE[RETURN]DNV[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	8.000 Cm
Package 1 Width	8.500 Cm
Package 1 Length	22.500 Cm
Package 1 Weight	120.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	2.550 Cm
Package 2 Width	30.000 Cm
Package 2 Length	20.000 Cm
Package 2 Weight	1.203 Kg
Unit Type of Package 3	S03
Number of Units in Package 3	90
Package 3 Height	30.000 Cm
Package 3 Width	30.000 Cm
Package 3 Length	40.000 Cm
Package 3 Weight	11.412 Kg

Offer Sustainability

Recyclability potential, in %	46
Total lifecycle Carbon footprint	29 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.687054068
Carbon footprint of the manufacturing phase [A1 to A3]	0.7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.014829145
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.009268007
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	27.51201429
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	28 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes

Carbon footprint of the end-of-life phase [C1 to C4]	0.31280793
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	29
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
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