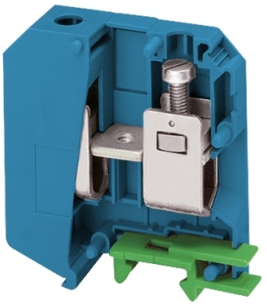
Product datasheet

Specifications



SCREW TERMINAL, FEED THROUGH, 2 POINTS, 50MM² , BLUE

NSYTRV502BL

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	Blue
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 Connections	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 690 V conforming to ATEX Exe II Ex II 2 GD 600 V cURus

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

[In] Rated Current	150 A cURus 150 A CSA 150 A conforming to EN/IEC 60947-7-1 137 A conforming to ATEX Exe II Ex II 2 GD
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	Prisma G Prisma P Prisma PH Prisma Pack Spacial Kaedra Pragma TeSys
Product Compatibility	Spacial enclosures

Environment

Product Certifications	cURus LR CSA DNV VDE IEC-Ex GL EAC ATEX
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	8.3 cm
Package 1 Width	8.8 cm
Package 1 Length	23.0 cm
Package 1 Weight	120.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	8.3 cm
Package 2 Width	8.8 cm

Package 2 Length	23.0 cm
Package 2 Weight	1.205 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	90
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	11.368 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes
Halogen Free Plastic Parts Product	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations