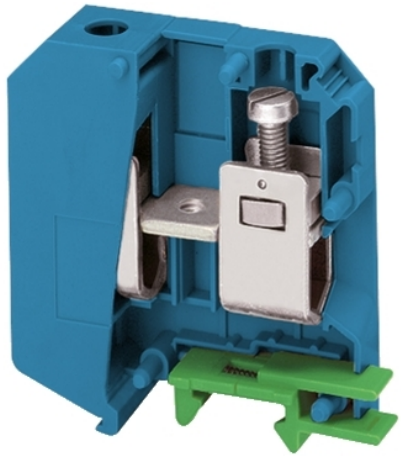
Product data sheet
Characteristics

NSYTRV502BL
Terminal block, Linergy TR, blue, 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	0.08 in² (50 mm²)
Length	2.78 in (70.5 mm)
Color	Blue
Quantity per Set	Set of 50

Complementary

Width	0.79 in (20 mm)
Height	3.29 in (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	0.04…0.11 In² (25…70 mm²), solid with cable end 0.04…0.08 In² (25…50 mm²), flexible with cable end 0.04…0.11 In² (25…70 mm²), solid without cable end 0.02…0.11 in² (16…70 mm²), flexible without cable end
Tightening torque	53.10…70.81 lbf.in (6…8 N.m)
Wire stripping length	0.94 in (24 mm)
Tool type	Connection screwdriver Disconnection screwdriver
[Ue] rated operational voltage	1000 V EN/IEC 60947-7-1 600 V CSA 690 V ATEX Exe II Ex II 2 GD 600 V cURus
Line Rated Current	150 A cURus[RETURN]150 A CSA[RETURN]150 A EN/IEC 60947-7-1[RETURN]137 A 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 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
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
Net Weight	4.24 oz (120.28 g)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
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Range compatibility	Prisma G Prisma P Prisma PH Prisma Pack Spacial Kaedra Pragma TeSys
Product Compatibility	Spacial enclosures

Environment

Product Certifications	cURus[RETURN]LR[RETURN]CSA[RETURN]DNV[RETURN]VDE[RETURN]IEC-Ex[RETURN]GL[RETURN]EAC[RETURN]ATEX
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	21715-IEC TERMINAL BLOCKS-NSY,AM1,DF6,GK1
Discount Schedule	CP5
GTIN	3606480532214
Returnability	No
Country of origin	IN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.27 in (8.3 cm)
Package 1 Width	3.46 in (8.8 cm)
Package 1 Length	9.06 in (23.0 cm)
Package 1 Weight	4.23 oz (120.0 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	3.27 in (8.3 cm)
Package 2 Width	3.46 in (8.8 cm)
Package 2 Length	9.06 in (23.0 cm)
Package 2 Weight	2.66 lb(US) (1.205 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	90
Package 3 Height	11.81 in (30.0 cm)
Package 3 Width	11.81 in (30.0 cm)
Package 3 Length	15.75 in (40.0 cm)
Package 3 Weight	25.06 lb(US) (11.368 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations

WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Halogen content performance	Halogen free plastic parts product

Contractual warranty

Warranty	18 months