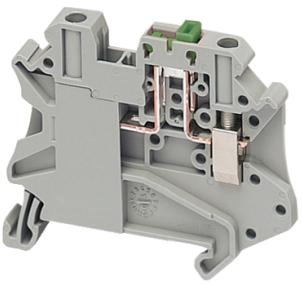
Product data sheet

Specifications



Terminal block, Linergy TR, screw type, knife disconnect, 2 points, 4mm², grey

NSYTRV42SC

Product availability: Stock - 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	Blade disconnect
Terminal block level	1
Mounting Mode	Clip-on
Nominal cross section	0.006 in² (4 mm²)
Length	2.3 in (57.8 mm)
color	Gray
Quantity per Set	Set of 50

Complementary

Width	0.2 in (6.2 mm)
Height	1.9 in (49.1 mm)
Connections - terminals	1 x screw terminal upstream 1 x screw terminal downstream
number of connections	2
Connection position	Sideways
Number of measurement input	2
Cable cross section	0.0002…0.009 in² (0.14…6 mm²), flexible without cable end 0.0002…0.009 in² (0.14…6 mm²), solid
Tightening torque	5.3…7.08 lbf.in (0.6…0.8 N.m)
Wire stripping length	0.4 in (9 mm)
Tool type	Connection screwdriver Disconnection screwdriver
[Ue] rated operational voltage	500 V EN/IEC 60947-7-1 600 V CSA 600 V UL
Line Rated Current	20 A EN/IEC 60947-7-1 16 A CSA 16 A UL
Material	Polyamide 6/6: insulating case
Dielectric loss	0.01 at 1 MHz IEC 60250 0.01 at 1 MHz VDE 0303-T4

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

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	0.5 oz (13.7 g)
Range compatibility	PrismaSeT G PrismaSeT P PrismaSet HD PrismaSeT Pack 250 PanelSeT Mureva TeSys
Product Compatibility	Spacial enclosures

Environment

Product Certifications	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	US1CTR121254
Discount Schedule	CTR1
GTIN	3606480532276
Returnability	Yes
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.205 in (5.600 cm)
Package 1 Width	3.268 in (8.300 cm)
Package 1 Length	2.126 in (5.400 cm)
Package weight(Lbs)	0.423 oz (12.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	50
Package 2 Height	2.205 in (5.600 cm)
Package 2 Width	3.268 in (8.300 cm)
Package 2 Length	12.756 in (32.400 cm)
Package 2 Weight	23.245 oz (659.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	700

Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	21.570 lb(US) (9.784 kg)

Contractual warranty

Warranty (in months)	18

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	**6 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.1 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]	**6 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 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**
SCIP Number	**8e5413ff-f1a1-4909-ad03-977097e33bd2**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
Halogen content performance	**Halogen free plastic parts product**
PVC free	**Yes**
Silicon free	**Yes**

Use Again

Repack and remanufacture

Recyclability potential, in %	**46**
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.**