

# Product data sheet

Specifications



Power distribution block, Linergy, enclosed, 510A CU, 600 V, 2 line side lug, 2 load side lug, CU lug, panel mount

NSYB250 250 kcmil

⚠ Discontinued

⚠ Discontinued on: Jan 31, 2024

Product availability: Non-Stock - Not normally stocked in distribution facility

## Main

Range Of Product	NSYB
Product Or Component Type	Power Distribution Block

## Complementary

[Ue] Rated Operational Voltage	600 V AC/DC
Line Rated Current	510 A copper
Mounting Support	Panel
Fixing Mode	By screws M6 By screws 1/4 inch
Electrical Connection	Tin plated copper lugs
Number Of Terminals	2 line 2 load
Number Of Cables	Line 2, AWG 6...250 kcmil, copper Load 2, AWG 6...250 kcmil, copper
Short-Circuit Current	100 kA
Material	Thermoplastic: block
Colour Of Enclosure	Grey
Wire Stripping Length	Line: 1.38 in (35.05 mm) Load: 1.38 in (35.05 mm)
Connections - Terminals	Line lug 275 lbf.in (31.07 N.m) AWG 1...250 kcmil copper Line lug 120 lbf.in (13.56 N.m) AWG 6...AWG 2 copper Load lug 275 lbf.in (31.07 N.m) AWG 1...250 kcmil copper Load lug 120 lbf.in (13.56 N.m) AWG 6...AWG 2 copper
Height	4.39 in (111.51 mm)
Tightening Torque	Line 275 lb.in, AWG 1...250 kcmil, copper Line 120 lb.in, AWG 6...AWG 2, copper Load 275 lb.in, AWG 1...250 kcmil, copper Load 120 lb.in, AWG 6...AWG 2, copper
Width	2.26 in (57.40 mm)
Depth	3.14 in (79.76 mm)
Product Compatibility	NSYB250 250 kcmil)

## Environment

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

Product Certifications	CSA file 70361 class 6228 01 CE UL recognized E60616 CCN XCFR2
Dielectric Strength	1000 V 0.19 in² (120 mm²) IEC 60947-7-1
Ambient Air Temperature For Operation	-40...257 °F (-40...125 °C)

## Ordering and shipping details

Category	US10CP121713
Discount Schedule	0CP1
Gtin	785901619178
Returnability	No
Country Of Origin	US

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.30 in (8.38 cm)
Package 1 Width	2.40 in (6.1 cm)
Package 1 Length	4.50 in (11.43 cm)
Package 1 Weight	1.94 lb(US) (0.88 kg)

## 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<sub>2</sub> 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 >](#)

## Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
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)	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.	