

Product data sheet

Characteristics

NSYEBAD25622

Power distribution block, Linergy, enclosed, 510A CU, 410A AL, 600 V, 2 line side lug, 2 load side lug, AL lug, rail



Main

Range of Product	NSYEB
Product or Component Type	Power Distribution Block

Complementary

[Ue] rated operational voltage	600 V AC/DC
Line Rated Current	510 A copper 410 A aluminium
Mounting Support	35 mm DIN rail
Electrical connection	Tin plated aluminium lugs
Number of terminals	2 line 2 load
Number of cables	Line 2, AWG 6...250 kcmil, copper or aluminium Load 2, AWG 6...250 kcmil, copper or aluminium
Short-circuit current	10 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 Line lug 275 lbf.in (31.07 N.m) AWG 1...250 kcmil aluminium Line lug 120 lbf.in (13.56 N.m) AWG 6...AWG 2 aluminium 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 Load lug 275 lbf.in (31.07 N.m) AWG 1...250 kcmil aluminium Load lug 120 lbf.in (13.56 N.m) AWG 6...AWG 2 aluminium
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 Line 275 lb.in, AWG 1...250 kcmil, aluminium Line 120 lb.in, AWG 6...AWG 2, aluminium Load 275 lb.in, AWG 1...250 kcmil, copper Load 120 lb.in, AWG 6...AWG 2, copper Load 275 lb.in, AWG 1...250 kcmil, aluminium Load 120 lb.in, AWG 6...AWG 2, aluminium
Width	2.26 in (57.40 mm)
Depth	3.14 in (79.76 mm)
Product compatibility	NSYEBP250 250 kcmil) NSYEBP500 500 kcmil)

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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Product Certifications	CSA file 70361 class 6228 01 UL recognized E60616 CCN XCFR2 CE
Dielectric strength	1000 V 0.19 in ² (120 mm ²) IEC 60947-7-1
Ambient Air Temperature for Operation	-40...257 °F (-40...125 °C)

Ordering and shipping details

Category	21713-IEC ENCLOSED POWER DISTR BLOCKS
Discount Schedule	CP1
GTIN	785901530275
Nbr. of units in pkg.	1
Package weight(Lbs)	13.44 oz (381.018 g)
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
------------------------	-----

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.