

# Product data sheet

## Characteristics

# NSYEBAD13618

Power distribution block, Linergy, enclosed, 335A CU, 270A AL, 600 V, 2 line side lug, 8 load side lug, AL lug, rail

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



### Main

Range of product	NSYEB
Product or component type	Power Distribution Block

### Complementary

[Ue] rated operational voltage	600 V AC/DC
Line Rated Current	335 A copper 270 A aluminium
Mounting support	35 mm DIN rail
Electrical connection	Tin plated aluminium lugs
Number of terminals	1 line 8 load
Number of cables	Line 1, AWG 14...AWG 3/0, copper Line 1, AWG 6...AWG 3/0, aluminium Line 1, AWG 6...400 kcmil, copper Line 1, AWG 6...400 kcmil, aluminium Load 8, AWG 14...AWG 2, copper Load 8, AWG 6...AWG 2, aluminium
Short-circuit current	10 kA
Material	Thermoplastic block
Colour of enclosure	Grey
Wire stripping length	Line 1 in (25.40 mm) Line 1.44 in (36.58 mm) Load 0.63 in (16.00 mm) top Load 0.63 in (16.00 mm) bottom
Connections - terminals	Line lug 375 lbf.in (42.37 N.m) AWG 2/0...400 kcmil copper Line lug 275 lbf.in (31.07 N.m) AWG 6...AWG 1/0 copper Line lug 375 lbf.in (42.37 N.m) AWG 2/0...400 kcmil aluminium Line lug 275 lbf.in (31.07 N.m) AWG 6...AWG 1/0 aluminium Line lug 120 lbf.in (13.56 N.m) AWG 1...AWG 3/0 copper Line lug 80 lbf.in (9.04 N.m) AWG 6...AWG 2 copper Line lug 40 lbf.in (4.52 N.m) AWG 14...AWG 8 copper Line lug 120 lbf.in (13.56 N.m) AWG 1...AWG 3/0 aluminium Line lug 80 lbf.in (9.04 N.m) AWG 6...AWG 2 aluminium

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Load lug 80 lbf.in (9.04 N.m) AWG 6...AWG 2 copper  
 Load lug 40 lbf.in (4.52 N.m) AWG 14...AWG 8 copper  
 Load lug 80 lbf.in (9.04 N.m) AWG 6...AWG 2 aluminium

Height	4.39 in (111.51 mm)
Tightening torque	Line 375 lb.in, AWG 2/0...400 kcmil, copper Line 275 lb.in, AWG 6...AWG 1/0, copper Line 375 lb.in, AWG 2/0...400 kcmil, aluminium Line 275 lb.in, AWG 6...AWG 1/0, aluminium Line 120 lb.in, AWG 1...AWG 3/0, copper Line 80 lb.in, AWG 6...AWG 2, copper Line 40 lb.in, AWG 14...AWG 8, copper Line 120 lb.in, AWG 1...AWG 3/0, aluminium Line 80 lb.in, AWG 6...AWG 2, aluminium Load 80 lb.in, AWG 6...AWG 2, copper Load 40 lb.in, AWG 14...AWG 8, copper Load 80 lb.in, AWG 6...AWG 2, aluminium
Width	2.26 in (57.40 mm)
Depth	3.14 in (79.76 mm)
Product compatibility	NSYEBP2 AWG 2) NSYEBP20 AWG 2/0) NSYEBP400 400 kcmil)

## Environment

Product certifications	UL recognized E60616 CCN XCFR2 CE CSA file 70361 class 6228 01
Dielectric strength	1000 V 0.29 in <sup>2</sup> (185 mm <sup>2</sup> ) 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	00785901630364
Package weight(Lbs)	0.78 lb(US) (0.35 kg)
Returnability	No
Country of origin	US

## Offer Sustainability

RECh Regulation	<a href="#">RECh Declaration</a>
RECh free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> 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.
Halogen content performance	Halogen free product