

Product data sheet

Characteristics

NSYEBAP27628

Power distribution block, Linergy, enclosed, 760A CU, 620A AL, 600 V, 2 line side lug, 8 load side lug, AL lug, panel



Main

Range of Product	NSYEB
Product or Component Type	Power Distribution Block

Complementary

[Ue] rated operational voltage	600 V AC/DC
Line Rated Current	760 A copper 620 A aluminium
Mounting Support	Panel
Fixing mode	By screws 1/4 inch
Electrical connection	Tin plated aluminium lugs
Number of terminals	8 load 2 line
Number of cables	Load 8, AWG 14...AWG 2/0, copper Load 8, AWG 6...AWG 2/0, aluminium Line 2, AWG 4...500 kcmil, copper or aluminium
Short-circuit current	100 kA
Material	Thermoplastic block
Colour of enclosure	Grey
Wire stripping length	Line 1.38 in (35.05 mm) Load 0.88 in (22.35 mm) top Load 1.38 in (35.05 mm) bottom
Connections - terminals	Load lug 40 lbf.in (4.52 N.m) AWG 8 copper Load lug 35 lbf.in (3.95 N.m) AWG 14...AWG 10 copper Line lug 375 lbf.in (42.37 N.m) AWG 4...500 kcmil copper Line lug 375 lbf.in (42.37 N.m) AWG 4...500 kcmil aluminium Load lug 120 lbf.in (13.56 N.m) AWG 6...AWG 2/0 copper Load lug 120 lbf.in (13.56 N.m) AWG 6...AWG 2/0 aluminium
Height	4.63 in (117.60 mm)
Tightening torque	Load 40 lb.in, AWG 8, copper Load 35 lb.in, AWG 14...AWG 10, copper Line 375 lb.in, AWG 4...500 kcmil, copper Line 375 lb.in, AWG 4...500 kcmil, aluminium Load 120 lb.in, AWG 6...AWG 2/0, copper Load 120 lb.in, AWG 6...AWG 2/0, aluminium
Width	2.61 in (66.29 mm)
Depth	3.35 in (85.09 mm)
Product compatibility	NSYEBP20 AWG 2/0) NSYEBP500 500 kcmil)

Environment

Product Certifications	CE UL listed file E323110 CCN QPQS CSA file 70361 class 6228 01
Dielectric strength	1000 V 0.37 in ² (240 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	785901718567
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.50 in (8.89 cm)
Package 1 Width	2.70 in (6.858 cm)
Package 1 Length	4.80 in (12.192 cm)
Package 1 Weight	14.72 oz (417.305 g)

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
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
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