

# Product data sheet

## Characteristics

# NSYEBAP27628

Enclosed power distribution block - AL lug, line 2, load 8, 600V 760A CU,620A AL

Product availability : Stock - Normally stocked in distribution facility



### Main

Range of product	NSYEB
Product or component type	Power Distribution Block

### Complementary

System Voltage	600 V AC/DC
[In] 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	1.38 in Line 0.88 in Top Load 1.38 in Bottom Load
Connections - terminals	Lug 40 lbf.in AWG 8 copper load Lug 35 lbf.in AWG 14...AWG 10 copper load Lug 375 lbf.in AWG 4...500 kcmil copper line Lug 375 lbf.in AWG 4...500 kcmil aluminium line Lug 120 lbf.in AWG 6...AWG 2/0 copper load Lug 120 lbf.in AWG 6...AWG 2/0 aluminium load
Height	4.63 in
Width	2.61 in

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

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
Depth	3.35 in
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, maximum wire size: 240 mm <sup>2</sup> conforming to IEC 60947-7-1
Ambient air temperature for operation	-40...257 °F

## Ordering and shipping details

Category	21713 - IEC ENCLOSED POWER DISTR BLOCKS
Discount Schedule	CP1
GTIN	00785901718567
Nbr. of units in pkg.	1
Package weight(Lbs)	0.9200000000000004
Returnability	Y
Country of origin	US