

Product Datasheet

Characteristic

NSYEBCP27628

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



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
mounting support	Panel
fixing mode	By screws 1/4 inch
electrical connection	Tin plated copper lugs
number of terminals	8 load 2 line
number of cables	Line 2, AWG 4...500 kcmil, copper Load 8, AWG 14...AWG 2/0, copper
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 Load lug 120 lbf.in (13.56 N.m) AWG 6...AWG 2/0 copper
Maximum 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 Load 120 lb.in, AWG 6...AWG 2/0, copper
Maximum Width	2.61 in (66.29 mm)
Maximum Depth	3.35 in (85.09 mm)
product compatibility	NSYEBP20 AWG 2/0) NSYEBP500 500 kcmil)

Environment

product certifications	CSA file 70361 class 6228 01 UL listed file E323110 CCN QPQS
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	CE
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)

Offer Sustainability

REACH Regulation	Free of Substances of Very High Concern above the threshold
REACH free of SVHC	Yes
EU RoHS Directive	Compliant
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	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.