

Product data sheet

Characteristics

9080LBA362101

Power Distribution Block, 3 pole, 1 line, 1 load,
175 A 600 V CU / 135 A 600 V AL



Product availability: Stock - Normally stocked in distribution facility

Price*: 25.70 USD



Main

Range of Product	9080LB
Product or Component Type	Power Distribution Block
Line Rated Current	175 A copper 135 A aluminium

Complementary

[Ue] rated operational voltage	600 V AC/DC
Mounting Support	Surface mount
Number of poles	3
Number of terminals	1 line 1 load
Number of cables	Line 2, AWG 14...AWG 2/0, copper or aluminium Load 1, AWG 14...AWG 2/0, copper or aluminium
Electrical connection	Tin plated aluminium lugs
[Ics] rated service breaking capacity	65 KA UL 508 A
Ambient Air Temperature for Operation	-40...302 °F (-40...150 °C)
Material	Phenolic block
Connections - terminals	Line lug 40 lbf.in (4.52 N.m) AWG 8 copper or aluminium Line lug 35 lbf.in (3.95 N.m) AWG 12...AWG 10 copper or aluminium Line lug 35 lbf.in (3.95 N.m) AWG 14 copper Load lug 40 lbf.in (4.52 N.m) AWG 8 copper or aluminium Load lug 35 lbf.in (3.95 N.m) AWG 12...AWG 10 copper or aluminium Load lug 35 lbf.in (3.95 N.m) AWG 14 copper Line lug 120 lbf.in (13.56 N.m) AWG 6...AWG 2/0 copper or aluminium Load lug 120 lbf.in (13.56 N.m) AWG 6...AWG 2/0 copper or aluminium
Wire stripping length	Line 0.5 in (12.70 mm) Load 0.5 in (12.70 mm)
Maximum Height	2.88 in (73.15 mm)
Maximum Width	1.94 in (49.28 mm)
Maximum Depth	1.78 in (45.21 mm)
Product Compatibility	9080LB23
Net Weight	0.46 Lb(US) (0.21 kg)

Environment

Product Certifications	CE CSA file 70361 class 6228 01 UL recognized E60616 CCN XCFR2
------------------------	--

Ordering and shipping details

Category	21711 - 9080 LB
Discount Schedule	CP1
GTIN	00785901097440
Nbr. of units in pkg.	1
Package weight(Lbs)	7.52 Oz (213.188 g)
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.80 In (4.572 cm)
Package 1 width	2.90 In (7.366 cm)
Package 1 Length	2.80 In (7.112 cm)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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

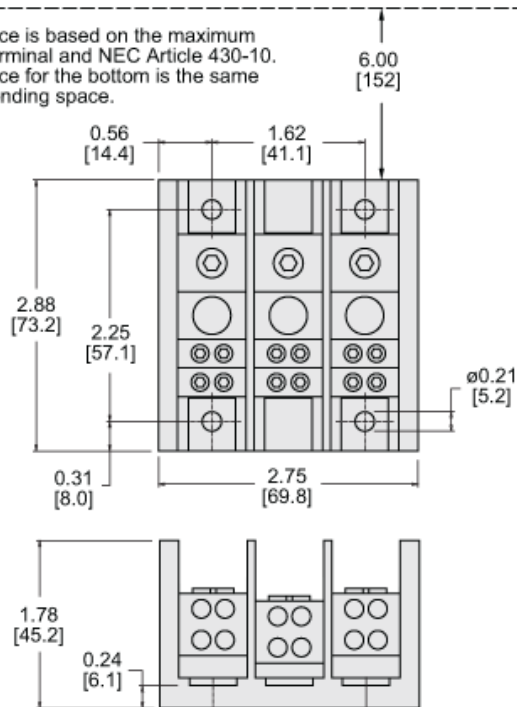
Contractual warranty

Warranty	18 months
----------	-----------

Approximate Dimensions

ELECTRICAL CLEARANCE / WIRE BENDING SPACE

Wire bending space is based on the maximum wire size of the terminal and NEC Article 430-10. Wire bending space for the bottom is the same as the top wire bending space.



Power Distribution Block	Recommended Tightening Torque					
	Main			Branch		
	Wire Size	lb-in.	N•m	Wire Size	lb-in.	N•m
9080LBA362101	#6-2/0	120	13.5	#6-2/0	120	13.5
	#8	40	4.5	#8	40	4.5
	#14-#10	35	4.0	#14-#10	35	4.0
9080LBA362104	#6-2/0	120	13.5	#14-#4	35	4.0
	#8	40	4.5			
	#14-#10	35	4.0			

Power Distribution Block	Lug Wire Range **		Weight lbs. (kg)
	Main	Branch	
9080LBA362101	(1) #14-2/0	(1) #14-2/0	.31 (.20)
9080LBA362104	(1) #14-2/0	(4) #14-4	.47 (.24)

** Lugs suitable for use with 75°C conductors based on NEC Table 310-16.

Product Life Status : Commercialised