

Product data sheet

Characteristics

9080LBA362104

Power Distribution Block, 3 pole, 1 line, 4 load,
175 A 600 V CU / 135 A 600 V AL

Product availability : Stock - Normally stocked in distribution facility



Price* : 68.00 USD



Main

Range	9080LB
Product	Power Distribution Block
Current Rating	175 A copper 135 A aluminium
Short Circuit Current Rating	65 kA

Complementary

Voltage Rating	600 V AC/DC
Mounting Type	Surface mount
Number of poles	3
Terminals per Pole	1 line 4 load
Wire Size	Line 4, AWG 14...AWG 2/0, copper or aluminium Load 2, AWG 14...AWG 4, copper or aluminium
Electrical Connection	Tin plated aluminium lugs
SCCR	100 kA UL 508 A
Ambient air temperature for operation	-40...302 °F (-40...150 °C)
Block Material	Phenolic block
Terminal Tightening Torque	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 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 14...AWG 4 copper
Wire stripping length	Line 0.5 in (12.70 mm) Load 0.44 in (11.18 mm) top Load 0.75 in (19.05 mm) bottom
Height	2.88 in (73.15 mm)

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

Width	1.94 in (49.28 mm)
Depth	1.78 in (45.21 mm)
End Barrier	9080LB23
Net Weight	0.49 lb(US) (0.22 kg)

Environment

Certifications	CSA file 70361 class 6228 01 UL recognized E60616 CCN XCFR2 CE
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Ordering and shipping details

Category	21711 - 9080 LB
Discount Schedule	CP1
GTIN	00785901097457
Nbr. of units in pkg.	1
Package weight(Lbs)	7.84 oz (222.26 g)
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.70 in (4.318 cm)
Package 1 width	2.70 in (6.858 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
RECh Regulation	RECh Declaration
RECh 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 Pro-active China RoHS declaration (out of China RoHS legal scope)

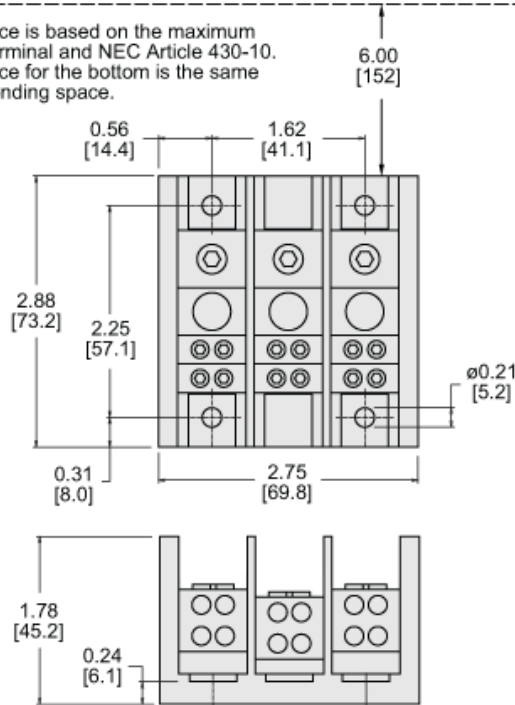
Contractual warranty

Warranty	18 months
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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	Torque		Wire Size	Torque	
	lb-in.	N•m	lb-in.	N•m	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.