Product data sheet

Specifications



Power distribution block, Linergy, 3 pole, 1 line, 1 load, 175A Cu, 135A Al, 600V

9080LBA362101

Product availability: Stock - Normally stocked in distribution facility

Main

Range	9080LB
Product	Power Distribution Block
Current Rating	175 A copper 135 A aluminium

Complementary

Voltage Rating	600 V AC/DC
Mounting Type	Surface mount
Number of poles	3
Terminals per Pole	1 line 1 load
Wire Size	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
SCCR	65 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 (4.5 N.m) AWG 8 copper or aluminium Line lug 35 lbf.in (4.0 N.m) AWG 12...AWG 10 copper or aluminium Line lug 35 lbf.in (4.0 N.m) AWG 14 copper Load lug 40 lbf.in (4.5 N.m) AWG 8 copper or aluminium Load lug 35 lbf.in (4.0 N.m) AWG 12...AWG 10 copper or aluminium Load lug 35 lbf.in (4.0 N.m) AWG 14 copper Line lug 120 lbf.in (13.6 N.m) AWG 6...AWG 2/0 copper or aluminium Load lug 120 lbf.in (13.6 N.m) AWG 6...AWG 2/0 copper or aluminium
Wire stripping length	Line: 0.5 in (12.7 mm) Load: 0.5 in (12.7 mm)
Height	2.88 in (73.15 mm)
Width	1.94 in (49.28 mm)
Depth	1.78 in (45.21 mm)
End Barrier	9080LB23
Product Weight	0.46 lb(US) (0.21 kg)

Environment

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

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

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

Ordering and shipping details

Category	US10CP121711
Discount Schedule	0CP1
GTIN	785901097440
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.800 in (4.572 cm)
Package 1 Width	2.900 in (7.366 cm)
Package 1 Length	2.800 in (7.112 cm)
Package weight(Lbs)	7.520 oz (213.188 g)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACh Regulation	Free of Substances of Very High Concern above the threshold
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

Use Longer

Lifetime extension

Repair	No

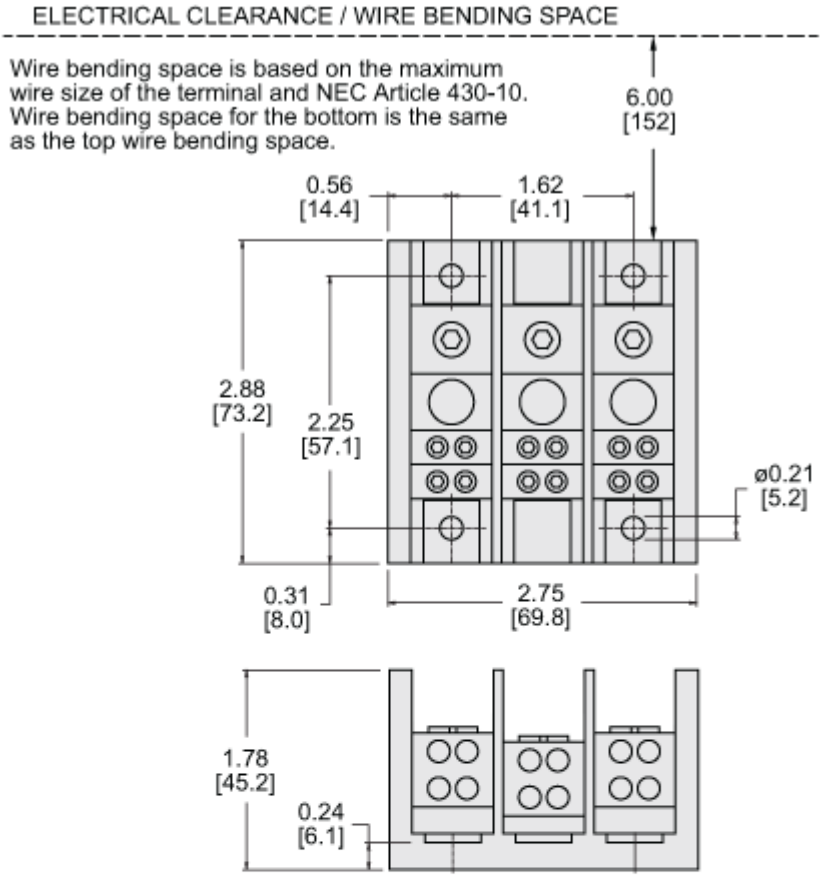
Use Again

Repack and remanufacture

Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Approximate Dimensions



Power Distribution Block	Recommended Tightening Torque					
	Main			Branch		
	Wire Size	Torque		Wire Size	Torque	
		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.

Technical Illustration

Dimensions

