



Power distribution block, Linergy, 3 pole, 1 line, 4 load, 175A Cu, 135A AI, 600V

9080LBA362104

Product availability: Stock - Normally stocked in distribution facility

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 14AWG 2/0, copper or aluminium Load 2, AWG 14AWG 4, copper or aluminium				
Electrical Connection	Tin plated aluminium lugs				
SCCR	100 kA UL 508 A				
Ambient air temperature for operation	-40150 °C (-40302 °F)				
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 12AWG 10 copper or aluminium Line lug 35 lbf.in (4.0 N.m) AWG 14 copper Line lug 120 lbf.in (13.6 N.m) AWG 6AWG 2/0 copper or aluminium Load lug 120 lbf.in (13.6 N.m) AWG 14AWG 4 copper				
Wire stripping length	Line: 0.5 in (12.7 mm) Load: 0.44 in (11.18 mm) for top connection Load: 0.75 in (19.05 mm) for bottom connection				
Height	2.88 in (73.15 mm)				
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	

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

Ordering and shipping details

Category	US10CP121711
Discount Schedule	0CP1
GTIN	785901097457
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE			
Number of Units in Package 1	1			
Package 1 Height	1.90 in (4.826 cm)			
Package 1 Width	2.80 in (7.112 cm)			
Package 1 Length	2.80 in (7.112 cm)			
Package 1 Weight	8.000 oz (226.796 g)			
Unit Type of Package 2	BB1			
Number of Units in Package 2	4			
Package 2 Height	2.20 in (5.588 cm)			
Package 2 Width	5.90 in (14.986 cm)			
Package 2 Length	6.00 in (15.240 cm)			
Package 2 Weight	33.599 oz (952.543 g)			
Unit Type of Package 3	CAR			
Number of Units in Package 3	24			
Package 3 Height	7.60 in (19.304 cm)			
Package 3 Width	6.45 in (16.383 cm)			
Package 3 Length	12.00 in (30.480 cm)			
Package 3 Weight	13.0007 lb(US) (5.897 kg)			

Contractual warranty

Warranty 18 months



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

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
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 Again

○ Repack and remanufacture				
Circularity Profile	No need of specific recycling operations			
Take-back	No			

Dimensions Drawings

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. 6.00 [152]0.56 1.62 [41.1] [14.4] (\bigcirc) 0 0 2.88 [73.2] 2.25 [57.1] 00 00 00 ø0.21 00 00 00 [5.2] 2.75 0.31 [8.0] [69.8]00 00 00 1.78 [45.2]00 00 0.24

Power	Recommended Tightening Torque					
Power Distribution Block	Main			Branch		
	145	Tor	que	Wire Size	Torque	
	Wire Size	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			
	#8	40	4.5	#14-#4	35	4.0
	#14-#10	35	4.0			

[6.1]

Power Distribution	Lug Wire F	Weight		
Block	Main	Branch	lbs. (kg)	
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.