

Standard, Miniature, and Copper Power Distribution Blocks

Table 24.50: Aluminum Power Distribution Blocks



LBA365212



LBA161104



LBC165212

Lug Wire Range [1]		Aluminum [2]		
Main	Branch	One Pole	Two Pole	Three Pole
		Type	Type	Type
(1) #14-2/0	(1) #14-2/0	LBA162101	LBA262101	LBA362101
(1) #6-350 kcmil	(1) #6-350 kcmil	LBA163101	LBA263101	LBA363101
(1) #4-600 kcmil	(1) #4-600 kcmil	LBA164101	N/A	LBA364101
(2) #4-350 kcmil	(2) #4-350 kcmil	LBA165202	LBA265202	LBA365202
(2) #6-500 kcmil	(2) #4-500 kcmil	LBA165201	LBA265201	LBA365201
(1) #14-2/0	(4) #14-4	LBA162104	LBA262104	LBA362104
(1) #14-2/0	(6) #14-4	N/A	N/A	LBA362106
(1) #6-400 kcmil	(4) #14-2	LBA163104	LBA263104	LBA363104
(1) #6-400 kcmil	(6) #14-2	LBA163106	LBA263106	LBA363106
(1) #6-400 kcmil	(8) #14-2	LBA164108	LBA264108	LBA364108
(1) #4-500 kcmil	(6) #14-2/0	LBA165106	LBA265106	LBA365106
(1) #4-500 kcmil	(12) #14-2	LBA165112	LBA265112	LBA365112
(2) #14-2/0	(6) #14-4	LBA163206	LBA263206	LBA363206
(2) #6-500 kcmil	(8) #14-2/0	LBA165208	LBA265208	LBA365208
(2) #6-500 kcmil	(12) #14-4	LBA165212	LBA265212	LBA365212

Table 24.51: Miniature Aluminum Power Distribution Blocks

Lug Wire Range [1]		Aluminum [2]		
Main	Branch	One Pole	Two Pole	Three Pole
		Type	Type	Type
(1) #14-2	(1) #14-2	LBA161101	N/A	LBA361101
(1) #14-2	(4) #18-10	LBA161104	LBA261104	LBA361104

Table 24.52: Copper Power Distribution Blocks

Lug Wire Range [1]		Copper [3]		
Main	Branch	One Pole	Two Pole	Three Pole
		Type	Type	Type
(1) #18-1/0	(1) #18-1/0	LBC162101	N/A	LBC362101
(1) #6-250 kcmil	(1) #6-250 kcmil	LBC163101	N/A	LBC363101
(1) #14-2/0	(4) #14-4	LBC162104	LBC262104	LBC362104
(1) #4-500 kcmil	(6) #14-2	LBC163106	LBC263106	LBC363106
(2) #14-2/0	(6) #14-4	LBC163206	LBC263206	LBC363206
(2) #4-500 kcmil	(8) #14-2/0	LBC165208	N/A	LBC365208
(2) #6-500 kcmil	(12) #14-2	LBC165212	N/A	LBC365212



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CCN: XCFR2

File: 70361
Class: 6228-01

RoHS
Compliant

Table 24.53: Clear Plastic Covers (0.045 in. thick)

For LBA Type [4]	Type	Dim. A	Dim. B
Note: There are no covers for miniature blocks.			
LBA162..., LBC162	LB21	1.062	2.750
LBA262..., LBC262	LB22	1.875	2.750
LBA362..., LBC362 [5]	LB23	2.687	2.750
LBA163..., LBC163	LB31	1.781	3.375
LBA263..., LBC263	LB32	3.312	3.375
LBA363..., LBC363	LB33	4.844	3.375
LBA164...	LB41	2.125	4.000
LBA264...	LB42	4.000	4.000
LBA364...	LB43	5.875	4.000
LBA165..., LBC165	LB51	2.873	4.500
LBA265..., LBC265	LB52	5.561	4.500
LBA365..., LBC365	LB53	8.280	4.500

Table 24.54: How to Order

To Order Specify	Catalog Number
• Class Number	9080
• Type Number	LBA162101

Application Information

Voltage Rating-Class B and C-600 V

Blocks are rated based on NEC Table 310-16 using 167 °F (75 °C) wire

Aluminum blocks are tin-plated high conductive aluminum. Copper blocks are tin-plated high conductive copper.

Housing material:

- Miniature Blocks are made from high impact thermoplastic rated at 257 °F (125 °C) max. and -40 °F (-40 °C) min.
- Full Size Blocks are made from general purpose phenolic rated at 302 °F (150 °C) max. and -40 °F (-40 °C) min.

All blocks have a flammability rating of UL 94V-0.

For the short-circuit current ratings and dimensions, see catalog 9080CT9603.

[1] Lugs suitable for use with 75 °C (167 °F) conductors.

[2] Aluminum blocks will accept either aluminum or copper conductors.

[3] Copper blocks will accept copper conductors only.

[4] These covers must be ordered in multiples of 5. Each cover comes with two self-tapping screws.

[5] Will not work on a 9080LBA362106 block.