

Series A1000 & Series CB1000

Single Row Terminal Blocks

SPECIFICATIONS

Rating: 20A, 250V*

Center Spacing: 0.325" (8.26mm)

Wire Range: #14-22 AWG CU

Screw Size: #6-32 zinc-plated phillips wire-ready screws with a #2 driving recess.

Torque Rating: 9 lb-in.

Base: Standoffs are standard on CB1000 Series for easy flux washing.

Distance Between Barriers: 0.26" (6.6mm)

Recommended PCB Hole Diameter: 0.070" (1.78mm)

Operating Temperature: 105°C (221°F) max., -40°C (-40°F) min.

Molded Material: Black, UL Rated 94V0 Thermoplastic

Breakdown Voltage: 1600V

Agency Information: UL/CSA; IEC Compliance;

CE Certified; UL File: E62622, CSA File: 15364

*General industrial applications



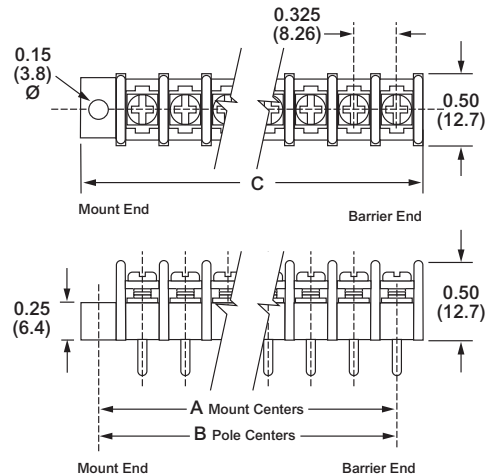
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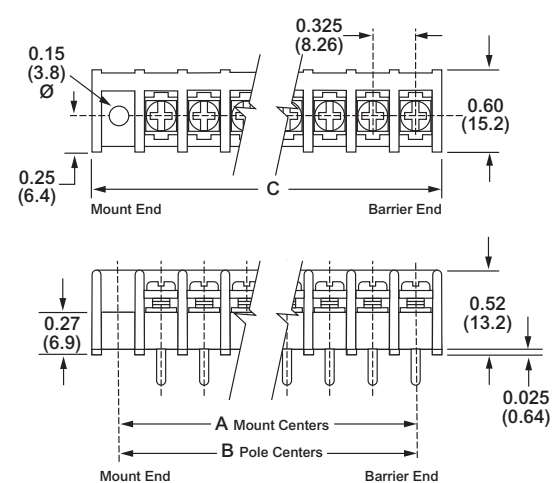
CB10210707

Dimensions - in (mm)

A1000 Series



CB1000 Series



Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS	BARRIER ENDS ONLY
	A Mount Ctrs.	C Length	B Pole Ctrs.	C Length
02	0.98	1.37	0.33	0.72
03	1.30	1.69	0.65	1.04
04	1.63	2.02	0.98	1.37
05	1.95	2.34	1.30	1.69
06	2.28	2.67	1.63	2.02
07	2.60	2.99	1.95	2.34
08	2.93	3.32	2.28	2.67
09	3.25	3.64	2.60	2.99
10	3.58	3.97	2.93	3.32
11	3.90	4.29	3.25	3.64
12	4.23	4.62	3.58	3.97
13	4.55	4.94	3.90	4.29
14	4.88	5.27	4.23	4.62
15	5.20	5.59	4.55	4.94
16	5.53	5.92	4.88	5.27
17	5.85	6.24	5.20	5.59
18	6.18	6.57	5.53	5.92
19	6.50	6.89	5.85	6.24
20	6.83	7.22	6.18	6.57
21	7.15	7.54	6.50	6.89
22	7.48	7.87	6.83	7.22
23	7.80	8.19	7.15	7.54
24	8.13	8.52	7.48	7.87
25	8.45	8.84	7.80	8.19
26	8.78	9.17	8.13	8.52
27	9.10	9.49	8.45	8.84
28	9.43	9.82	8.78	9.17
29	9.75	10.14	9.10	9.49
30	10.08	10.47	9.43	9.82
31	10.40	10.79	9.75	10.14
32	10.73	11.12	10.08	10.47
33	11.05	11.44	10.40	10.79
34	11.38	11.77	10.73	11.12
35	-	-	11.05	11.44
36	-	-	11.38	11.77

* Dimensions in inches. To convert to millimeters, multiply by 25.4.

Terminal Blocks - Single Row

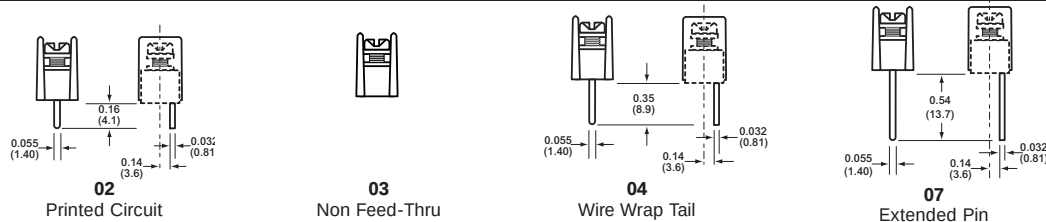
Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
A1					
CB1					
A1 - standard barrier	02 - printed circuit	1 - mount end	02 to 36	Blank - std. screws	AB & DR - angle mts. (A1 only-pg 5)
CB1 - closed back	03 - non feed-thru	2 - barrier end	02 to 34 on mount end base	03 - stainless steel	B1 to B9 - 0.187" QC (all positions)
	04 - wire wrap tail			04 - nickel brass	EB - exit back terminals on CB1 w/07 screw option only
	07 - extended pin			07 - steel SEMS & washer (not available with hardware options)	†JA, JB & JC - barrier jumpers
				09 - brass/nickel-plated SEMS	L1 to L6 marking options (pg 22)
				CA - standard captive screw	LT1 to LT6 marking options (CB1 only-pg 22)
					MP & MT - mounting plates 0.150 dia (pg 5)
					R26 & R45 - right angle bends (A1 only-pg 5)

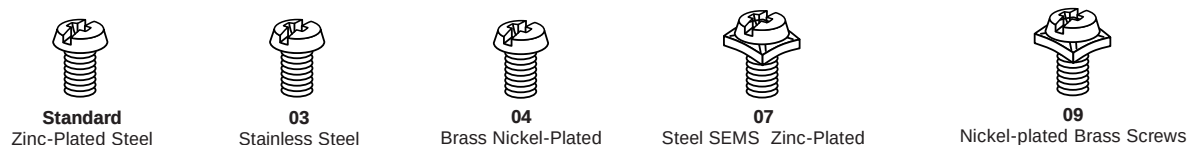
Covers - (pg 23)

Terminal Styles

Inches (Millimeters)



Screw Options Wire ready screws standard on all terminal styles



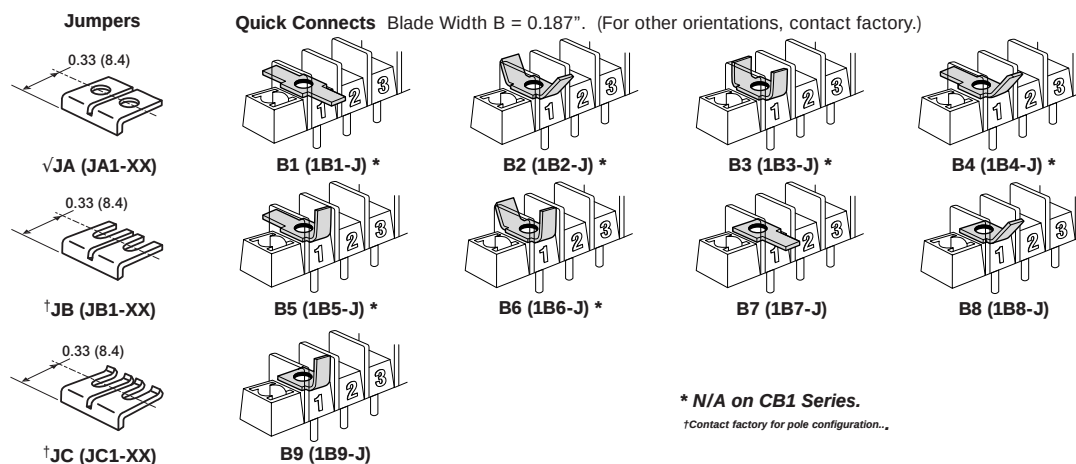
CB1 Terminal Exit Options

Inches (Millimeters)



Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)



* N/A on CB1 Series.

†Contact factory for pole configuration...

Series A1000 & CB1000

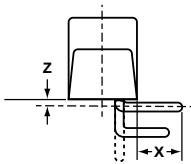
Single Row Terminal Blocks *Continued*

Mounting Options

Inches (Millimeters)

Right Angle Bends (A1 only)

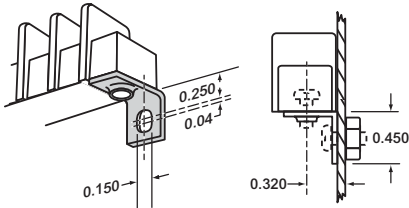
Right angle terminals are offered on the A1000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part number.



Bend Option Code	X (minimum)	Z
R26 (04 terminal only)	0.14 (3.5)	0.09 (2.3)
R45 (07 terminal only)	0.33 (8.4)	0.09 (2.3)

Dimensions in inches. To convert to millimeters, multiply by 25.4.

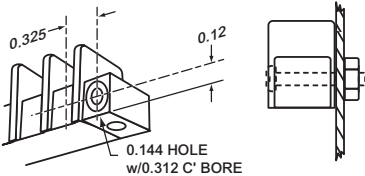
Angle Brackets (A1 only)



Option AB

Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part number **1AB-J**.

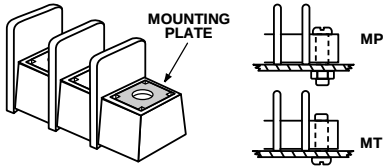
Drilled Right Angle (A1 only)



Option DR

Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

Mounting Plates



Options MP & MT

MP Metal inserts with 0.150" (3.8) dia. hole accept #6 screw. **MT** Metal inserts with tapped hole accept #6-32 screw. Bulk part numbers **1MP-J** & **1MT-J**.