

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



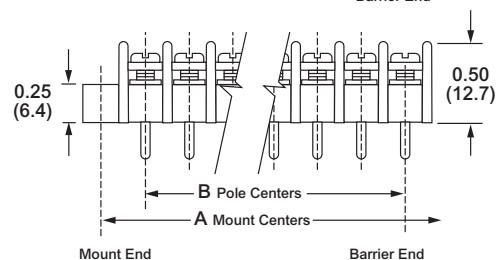
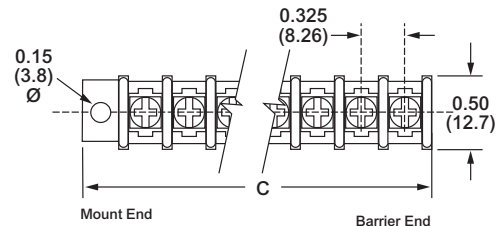
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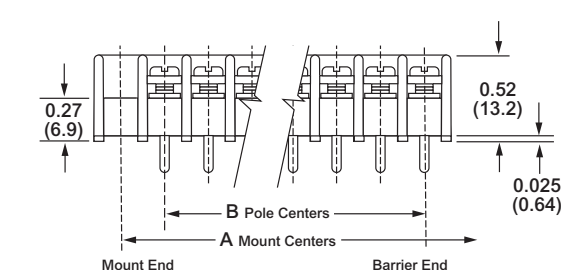
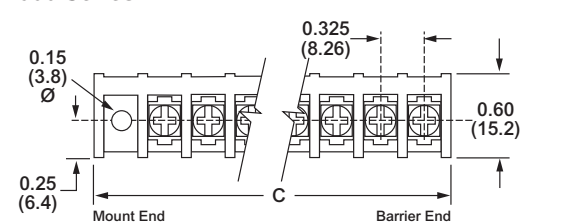
A102206

Dimensions - in (mm)

A1000 Series



CB1000 Series



Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS B Pole Ctrs.	BARRIER ENDS ONLY C Length
	A Mount 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.

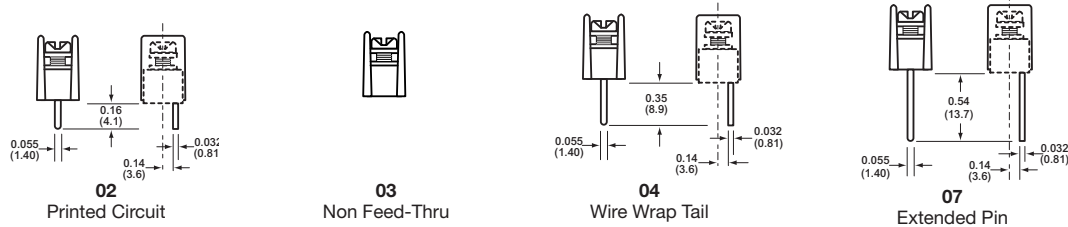
Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
A1					
CB1					
A1 - standard barrier CB1 - closed back	02 - printed circuit 03* - non feed-thru 04* - wire wrap tail 07 - extended pin	1 - mount end 2** - barrier end	02 to 36 02 to 34 on mount end base	Blank - std. screws 03 - stainless steel 07 - steel SEMS & washer (not available with hardware options) CA*** - standard captive screw	DR - angle mts. (A1 only-pg 9) B1 to B9 - 0.187" QC (all positions) EB - exit back terminals on CB1 w/07 screw option only L1 to L6 marking options (pg 27) LT1 to LT6 marking options (CB1 only-pg 27) MP & MT - mounting plates 0.150 dia (pg 9) R26 & R45 - right angle bends (A1 only-pg 9) †JA, JB & JC - barrier jumpers
*A1 only **Not available with 03-non feed-thru terminal style ***Not compatible with 03-stainless steel screws †Contact factory for configuration					

Covers - (pg 28)

Terminal Styles

Inches (Millimeters)



Screw Options Wire ready screws standard on all terminal styles (Bulk ordering part numbers are in parentheses)



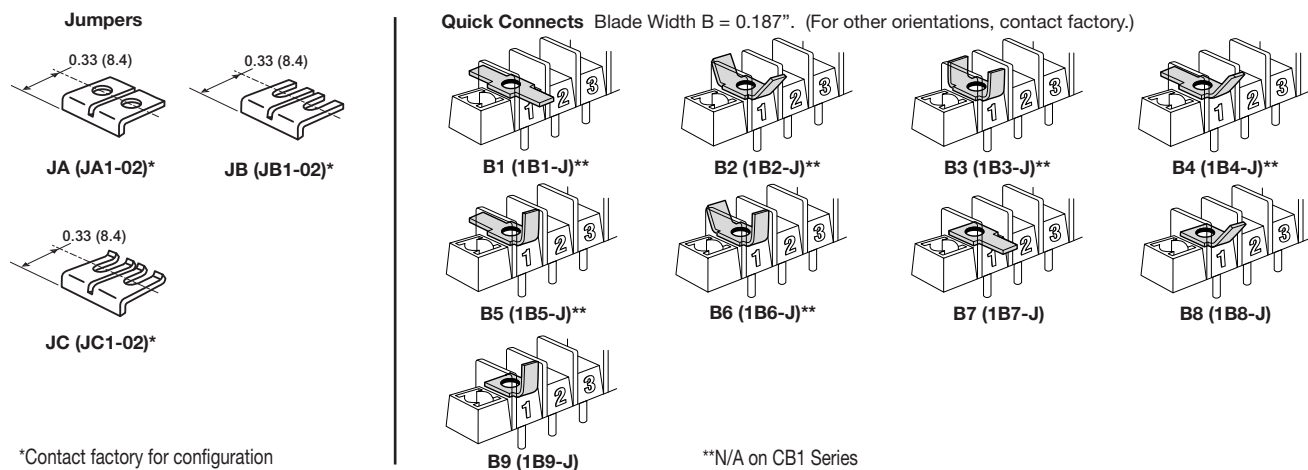
CB1 Terminal Exit Options

Inches (Millimeters)



Hardware Options (Bulk ordering part numbers are in parentheses)

Inches (Millimeters)



*Contact factory for configuration

**N/A on CB1 Series

Series A1000 & CB1000

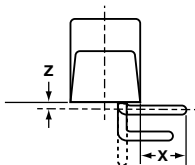
Single Row Terminal Blocks *Continued*

Mounting Options

Inches (Millimeters)

Right Angle Bends (A1 only)

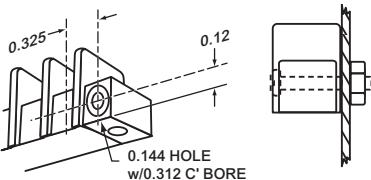
Right angle terminals are offered on the A1000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected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



Bend Option Code	X	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)

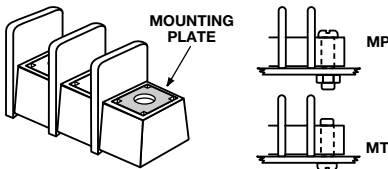
Dimensions: in (mm)

Drilled Right Angle (A1 only)
(Dimensions in inches)



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**.

Mouser Electronics

Authorized Distributor

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[A104214R26](#) [A10421607R26](#) [A104220R26](#) [A104227R26](#) [A10710207](#) [A10710307](#) [A107104](#) [A10710407MT](#)
[A107106](#) [A10711804](#) [A107204](#) [A10720403R45](#) [A107204R45](#) [A107206R45](#) [A107212](#) [A10721407CA](#) [A107218](#)
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[A10210803](#) [A102218](#) [A10420207R26](#) [A10221607CA](#) [A103110](#) [A10220307CA](#) [A102107](#) [A10712007](#) [CB10221107](#)
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