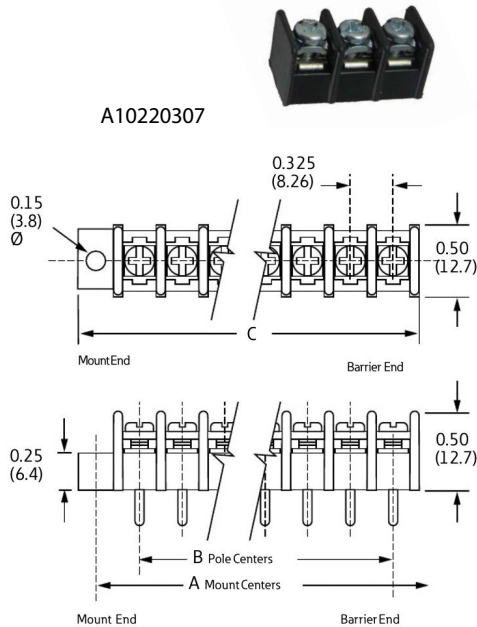


Single Row Terminal Blocks

A1

Dimensions Inches (Millimeters)

A1



Specifications

Rating: 20A, 250V*

Center Spacing: 0.325" (8.26mm)

Wire Range: #14-22 AWG Cu

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

Torque Rating: 9 lb-in.

Base: Standoffs are standard on CB1000 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

Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS	BARRIER ENDS ONLY
	A Mounting 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

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

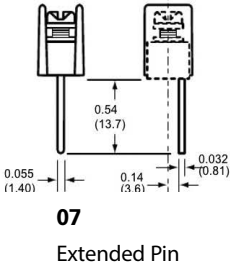
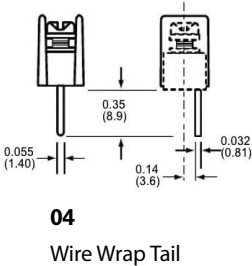
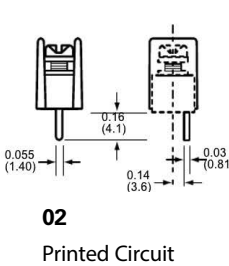


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Part Numbering System

Family	Terminal Style	Base/End	Poles	Screw Options	Options
A1 - standard barrier CB1 - closed back	02 - printed circuit 04 - wire wrap 07 - extended pin	1 - mount end 2 - barrier end	02 to 24 A1 02 to 30 CB1	Blank-std. screws 03- stainless steel 07- steel SEMS & washer (not available with hardware options)	DR - angle mts. (A1 only-pg 5) B1 to B9 - 0.187" QC (all positions) L1 to L6 marking options (pg 25) LT1 to LT6 marking options (CB1 only-pg 25) MP & MT - mounting plates 0.150 dia (pg 5) R26 - rightangle bends (A1 only-pg 5)

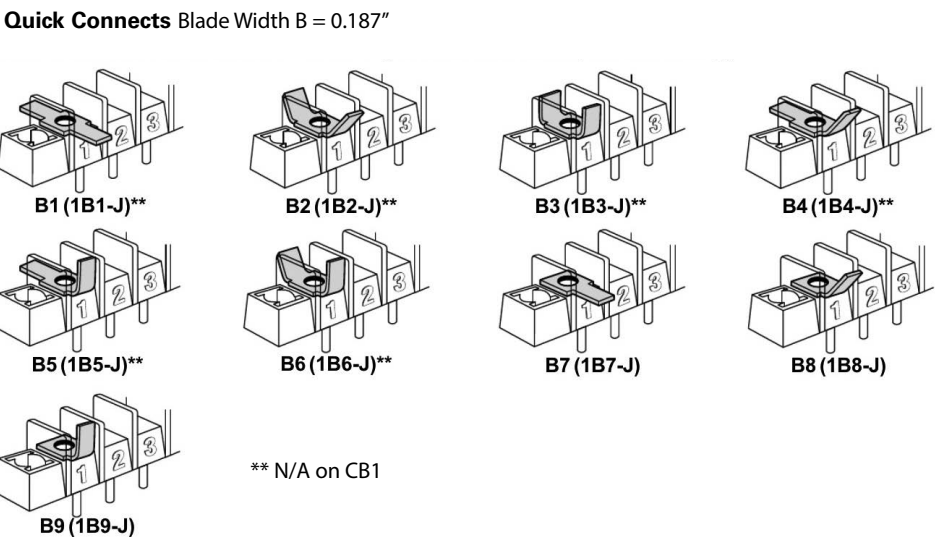
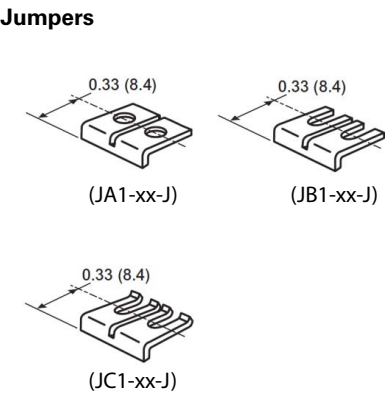
Terminal Styles Inches (Millimeters)



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



Hardware Options Inches (Millimeters)
(Bulk ordering part numbers are in parentheses)

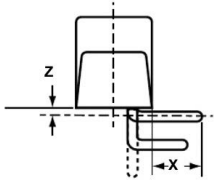


*Contact Eaton for desired configuration

Mounting Options

Right Angle Bends (A1 only)

Right angle terminals are offered on the A1. 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 R26 Bend Option Code to the terminal part number.

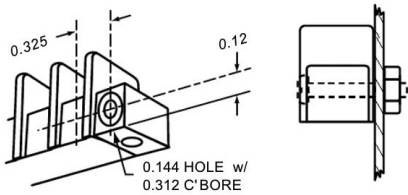


Bend Option Code	X	Z
R26 (04 terminal only)	0.14 (3.5)	0.09 (2.3)

Dimensions: in (mm)

Right Angle Bends (A1 only)

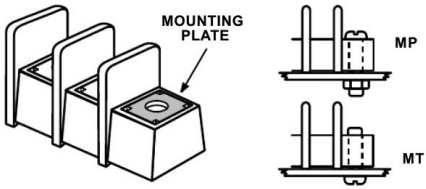
(Dimensions in inches)



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**.

Contact Us

Sales and Customer Service

Americas

Email: elx.americas@eaton.com

Europe, Middle East, Africa

Email: elx.emea@eaton.com

China

Email: elx.cn@eaton.com

Japan

Email: elx.jp@eaton.com

Korea

Email: elx.kr@eaton.com

South East Asia

Email: elx.sea@eaton.com

Taiwan

Email: elx.tw@eaton.com

Global Technical Support

Magnetics: InductorTech@eaton.com

Circuit Protection: FuseTech@eaton.com

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