

## Series A1000 & Series CB1000

### Single Row Terminal Blocks

#### SPECIFICATIONS

**Rating:** 20A, 150V

**Center Spacing:** .325" (8.26 mm)

**Wire Range:** #14-22 AWG CU

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

**Torque Rating:** 9 in-lb.

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

**Distance Between Barriers:** .26" (6.6 mm)

**Recommended PCB Hole Diameter:** .070" (1.78 mm)

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

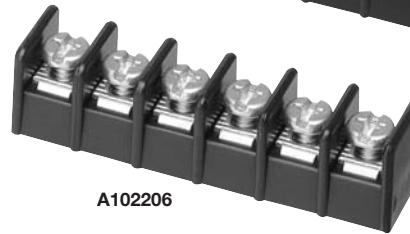
**Molded Material:** Black, UL Rated 94V0 Thermoplastic

**Breakdown Voltage:** 1600V

**Agency Information:** UL/CSA; IEC Compliance; CE Certified

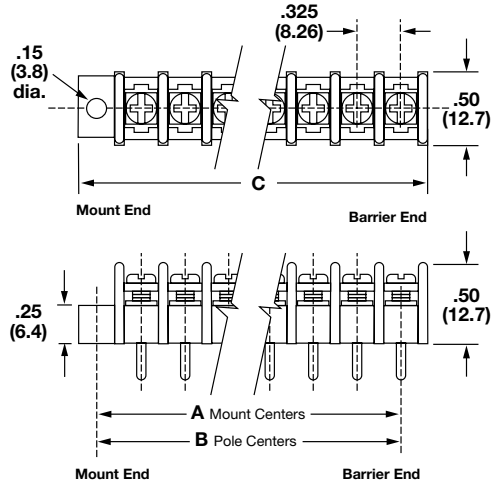


CB10210707

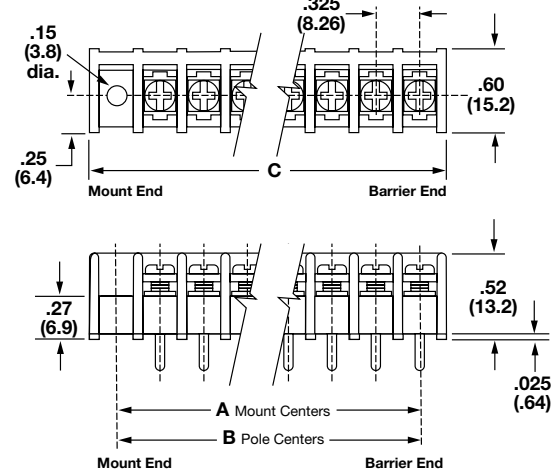


A102206

#### 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    | .98                | 1.37     | .33                     | .72               |
| 03    | 1.30               | 1.69     | .65                     | 1.04              |
| 04    | 1.63               | 2.02     | .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.

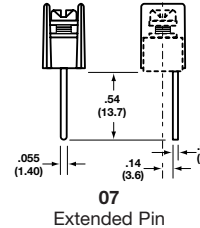
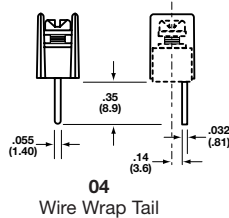
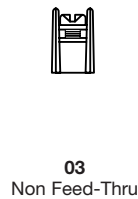
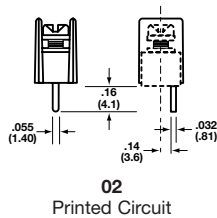
## Part Numbering System

| Series                                                      | Terminal Style                                                                                                     | Base/End                                       | Poles                                                | Screw Options                                                                                                                                                                                                               | Options                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A1</b>                                                   |                                                                                                                    |                                                |                                                      |                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>CB1</b>                                                  |                                                                                                                    |                                                |                                                      |                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>A1</b> - standard barrier<br><b>CB1</b> - closed barrier | <b>02</b> - printed circuit<br><b>03</b> - non feed-thru<br><b>04</b> - wire wrap tail<br><b>07</b> - extended pin | <b>1</b> - mount end<br><b>2</b> - barrier end | <b>02 to 36</b><br><b>02 to 34</b> on mount end base | Blank - std. screws<br><b>03</b> - stainless steel<br><b>04</b> - nickel brass<br><b>07</b> - steel SEMS & washer (not available with hardware options)<br><b>CA</b> - standard captive screw<br><b>07CA</b> - SEMS captive | <b>AB &amp; DR</b> - angle mts. (A1 only-pg 5)<br><b>B1 to B9</b> - .187" QC (all positions)<br><b>EB</b> - exit back terminals on CB1 w/07 screw option only<br><b>JA, JB &amp; JC</b> - barrier jumpers<br><b>L1 to L6</b> marking options (pg 22)<br><b>LT1 to LT6</b> marking options (CB1 only-pg 22)<br><b>MP &amp; MT</b> - mounting plates (pg 5)<br><b>R26 &amp; R45</b> - right angle bends (A1 only-pg 5) |

Covers - (pg 23)

## Terminal Styles

Inches (Millimeters)



## Screw Options

Wire ready screws standard on all terminal styles



**Standard**  
Zinc Plated Steel



**03**  
Stainless Steel



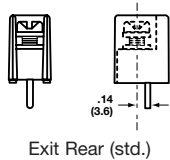
**04**  
Brass Nickel Plated



**07**  
Steel SEMS Zinc Plated

## CB1 Terminal Exit Options

Inches (Millimeters)

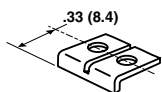


**EB**  
Exit Back

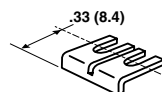
## Hardware Options

(Bulk ordering part numbers are in parentheses.)

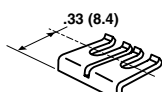
### Jumpers



**JA (JA1-XX)**

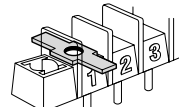


**JB (JB1-XX)**

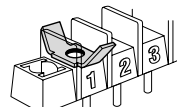


**JC (JC1-XX)**

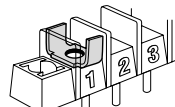
### Quick Connects Blade Width B = .187". (For other orientations, contact factory.)



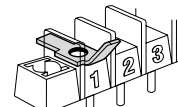
**B1 (1B1) \***



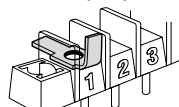
**B2 (1B2) \***



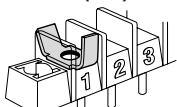
**B3 (1B3) \***



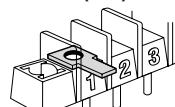
**B4 (1B4) \***



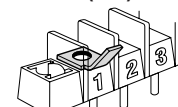
**B5 (1B5) \***



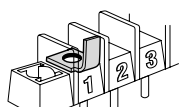
**B6 (1B6) \***



**B7 (1B7)**



**B8 (1B8)**



**B9 (1B9)**

\* N/A on CB1 Series.

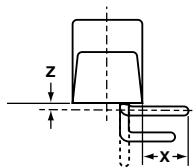
Series A1000 & CB1000  
Single Row Terminal Blocks

Mounting Options

Inches (Millimeters)

Right Angle Bends (A1 only)

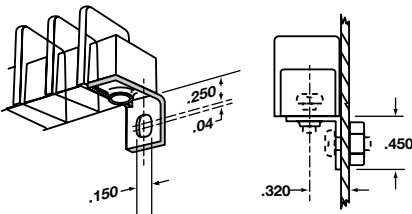
Right angle terminals are offered on the A1000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part no.



| Bend Option Code       | X (minimum) | Z   |
|------------------------|-------------|-----|
| R26 (04 terminal only) | .14         | .09 |
| R45 (07 terminal only) | .33         | .09 |

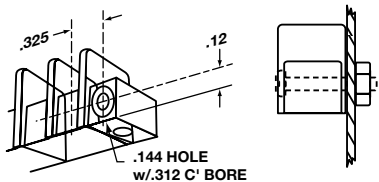
Dimensions in inches. To convert to millimeters, multiply by 25.4.

Angle Brackets (A1 only)



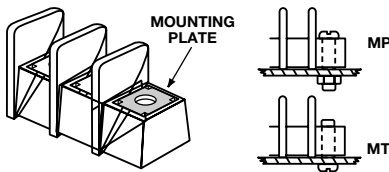
**Option AB**  
Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part no. **1AB**.

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 .150" dia. hole accept #6 screw. **MT** Metal inserts with tapped hole accept #6-32 screw. Bulk Part Nos. **1MP & 1MT**.