

## Series A2000, LP2000 & CB2000

### Single Row Terminal Blocks

#### SPECIFICATIONS

**Rating:** A2: 30A, 300V\*  
 LP2: 30A, 150V\*  
 CB2: 30A, 300V\*

**Center Spacing:** 0.375" or 3/8" (9.52mm)

**Wire Range:** #12-22 AWG CU

**Screw Size:** #6-32 zinc-plated philsolt

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

**Base:** Standoffs standard for easy flux washing

**Distance Between Barriers:** 0.32" (8.1mm)

**Recommended PCB Hole Diameter:** 0.076" (1.93mm)

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

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

**Breakdown Voltage:** 3400V (A2 & LP2); 4100V (CB2).

**Agency Information:** UL File E62622, CSA File 47235;

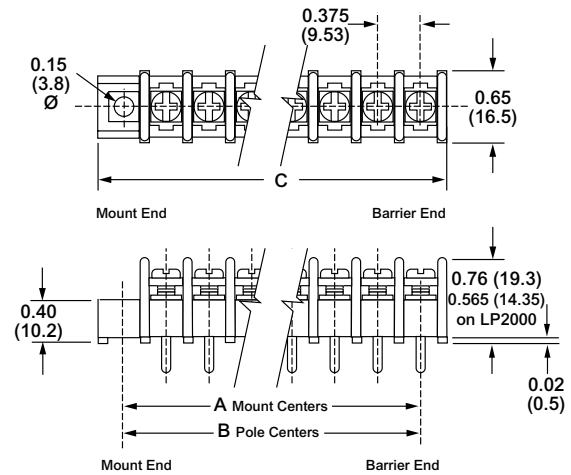
IEC Compliance; CE Certified

\*30A Rating achieved with a #10 copper wire crimped to a ring terminal.;  
 20A Rating without ring terminal.

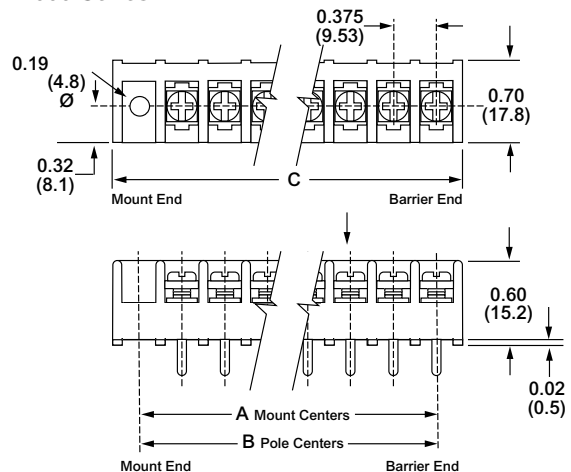


#### Dimensions - in (mm)

##### A2000 & LP2000 Series



##### CB2000 Series



Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS B Pole Ctrs.	BARRIER ENDS ONLY C Length
	A Mount Ctrs.	C Length		
02	1.13	1.56	0.38	0.81
03	1.50	1.93	0.75	1.18
04	1.88	2.30	1.13	1.56
05	2.25	2.68	1.50	1.93
06	2.63	3.06	1.88	2.31
07	3.00	3.43	2.25	2.68
08	3.38	3.81	2.63	3.06
09	3.75	4.18	3.00	3.43
10	4.13	4.56	3.38	3.81
11	4.50	4.93	3.75	4.18
12	4.88	5.31	4.13	4.56
13	5.25	5.69	4.50	4.93
14	5.63	6.06	4.88	5.31
15	6.00	6.43	5.25	5.68
16	6.38	6.81	5.63	6.06
17	6.75	7.18	6.00	6.43
18	7.13	7.56	6.38	6.81
19	7.50	7.93	6.75	7.18
20	7.88	8.31	7.13	7.56
21	8.25	8.68	7.50	7.93
22	8.63	9.06	7.88	8.31
23	9.00	9.43	8.25	8.68
24	9.38	9.81	8.63	9.06
25	9.75	10.18	9.00	9.43
26	10.13	10.56	9.38	9.81
27	10.50	10.93	9.75	10.18
28	10.88	11.31	10.13	10.55
29	11.25	11.68	10.50	10.93
30	11.63	12.05	10.88	11.31
31	-	-	11.25	11.68
32	-	-	11.63	12.05

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

Terminal Blocks: Single & Double Row  
 EuroMag Series  
 Terminal Blocks: Base & Rail Mount  
 Power Distribution Blocks  
 Wire Management Products  
 Edge Connectors, One-Sided Boards  
 Compliance References

## Series CB2000

### Single Row Terminal Blocks

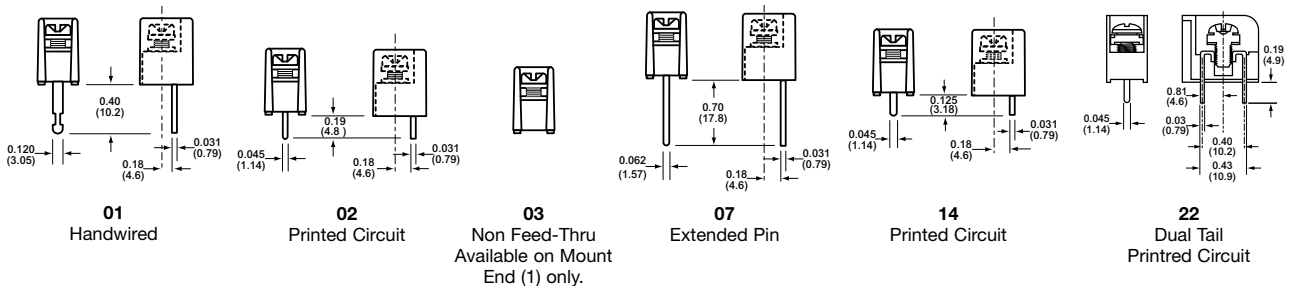
#### Part Numbering System

Series	Terminal Style	Base/End	Poles	Screws	Options
<b>CB2</b> - closed back	<b>01</b> - handwired <b>02</b> - printed circuit <b>03</b> - non feed-thru <b>07</b> - extended pin <b>14</b> - printed circuit <b>22</b> - dual tail printed circuit	<b>1</b> - mount end <b>2</b> - barrier end	<b>02 to 32</b> on mount end base	<b>03</b> - stainless steel <b>04</b> - brass nickel-plated <b>07</b> - steel SEMS standard <b>09</b> - brass SEMS nickel-plated <b>CA</b> - captive screw <b>07CA</b> - SEMS captive	* <b>AB</b> - angle mounting brackets (pg 11) <b>A7 to A9</b> - 0.250" QC <b>B7 to B9</b> - 0.187" QC <b>EB</b> - exit back terminals <b>EF</b> - exit front terminals † <b>JA, JB &amp; JC</b> - barrier jumpers <b>L1 to L6</b> marking options (pg 22) <b>LT1 to LT6</b> marking options (pg 22) † <b>OJ2 &amp; OJ4</b> - over barrier jumpers <b>MP, MP8, MT &amp; MT8</b> mtg. plates (pg 11) <b>S1</b> - solder lug/flat

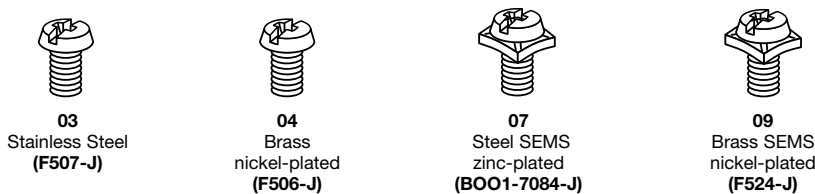
\*Only available on 3-poles and up.  
 †Contact factory for configuration.

#### Terminal Styles

Inches (Millimeters)



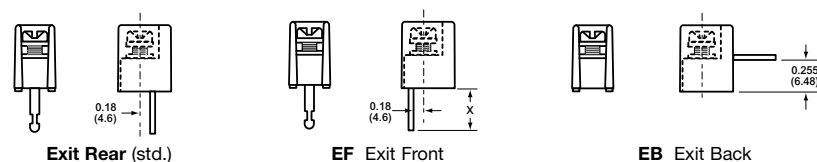
#### Screw Options (Bulk ordering part numbers are in parentheses.)



\* NOTE: Wire ready screws standard on all terminal styles.

#### CB2 Terminal Exit Options

Inches (Millimeters)

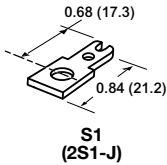


## Series CB2000 Single Row Terminal Blocks

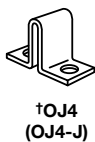
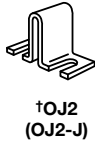
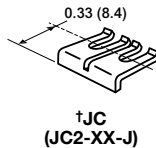
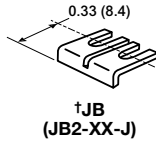
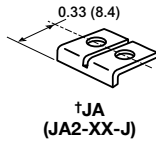
### Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

#### Solder Lugs

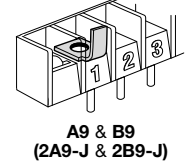
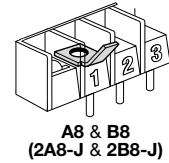
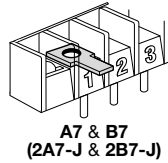


#### Jumpers



#### Quick Connects

Blade Width A = 0.250". Blade Width B = 0.187".

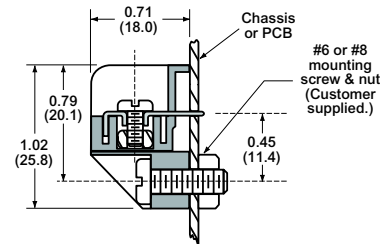
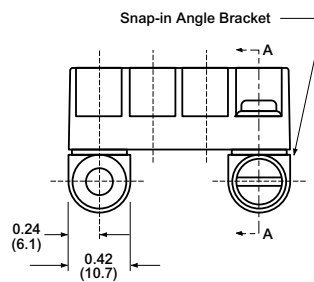
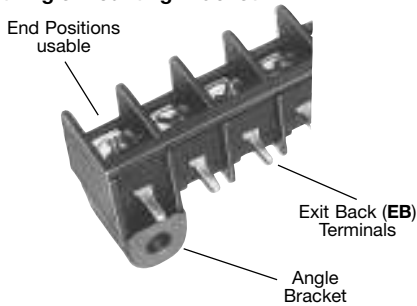


†Contact factory for configuration.

### Mounting Options

Inches (Millimeters)

#### Right Angle Mounting Bracket

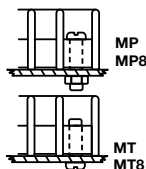
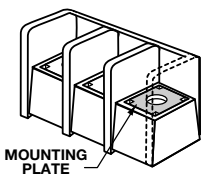


#### Option AB

#### Mounts blocks on PC boards at a right angle.

- Protects solder joints.
- Recommended for all EB (Exit Back) PCB terminal blocks.
- Bracket snaps securely on block (no hardware required).
- Minimum strip length (end positions are usable).
- Mount with #6-32 or #8-32 screws (not supplied).

#### Mounting Plates



#### Options MP, MP8, MT & MT8

- MP** Metal inserts with 0.150" dia. hole accept #6 screw.
- MP8** Metal inserts with 0.187" dia. hole accept #8-32 screw.
- MT** Metal inserts with tapped hole accept #6-32 screw.
- MT8** Metal inserts with tapped hole accept #8-32 screw.

## All Series Marking Options

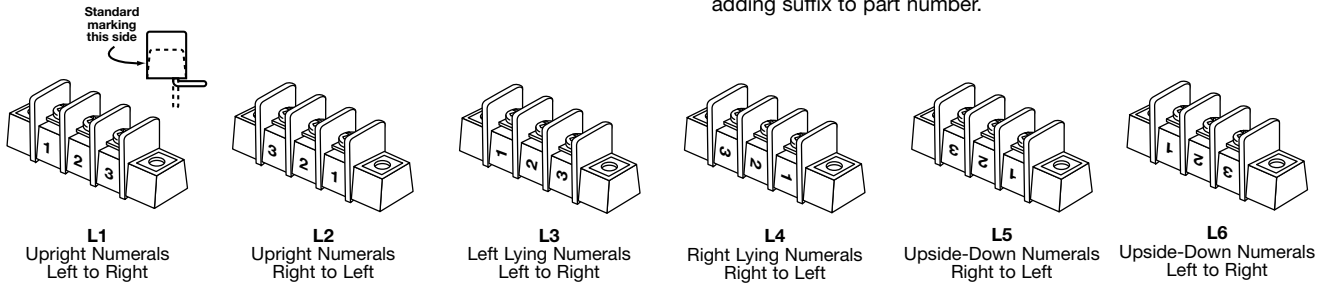
### Single Row Terminal Blocks

### Marking Options & Accessories

#### Standard Marking

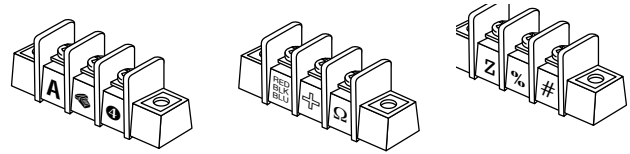
Markings are applied directly to the sides of Series 1000, 2000, 3000, and 4000. Standard characters are white and 1/8" high. Factory may substitute 3/32" high characters.

Blocks to be marked on both sides require a different code for each side. Example: "L1" on one side of the block requires "L2" on the other side to ensure common terminal marking. Specify by adding suffix to part number.



#### Special Marking

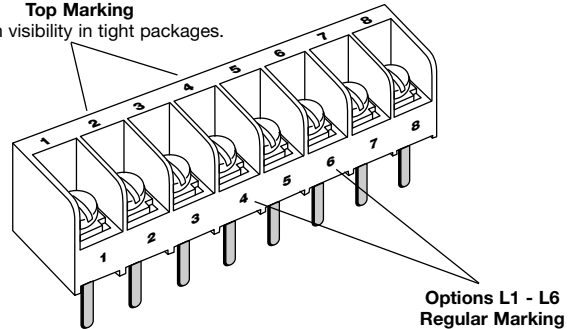
Special markings are available for Series 1000, 2000, 3000, 4000 & 5000 at an additional charge for preparation. Production charges for setup, handling and marking are the same as for standard marking and the same quantity discounts apply. Consult factory for price and delivery.



#### Closed Barrier Terminal Block Marking Options

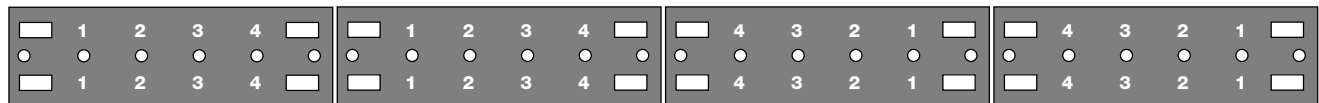
- L1 & LT1 = Upright numerals, numbered from left to right
- L2 & LT2 = Upright numerals, numbered from right to left
- L3 = Left lying numerals, numbered from left to right
- L4 = Right lying numerals, numbered from right to left
- L5 & LT5 = Upside down numerals, numbered from right to left
- L6 & LT6 = Upside down numerals, numbered from left to right

**Options LT1 - LT6**  
Top Marking  
For high visibility in tight packages.



#### Marker Strips

Black marker strips with white numerals mount beneath the terminal blocks to clearly identify terminal and wire positions. Available with forward or reverse markings, top or bottom of strip. If special markings are required, submit a drawing.



Bottom Forward - BF

Top Forward - TF

Bottom Reverse - BR

Top Reverse - TR

#### Series



- MS1 - 1000 Series
- MS2 - 2000 Series
- MS3 - 3000 Series

#### Base



- 1 - mount end, feed thru
- 2 - barrier end, feed thru
- 3 - mount end, insulator tubes
- 4 - barrier end, insulator tubes
- 5 - mount end, non feed-thru

#### Poles



02 to 36

#### Marking



- BF - bottom forward
- TF - top forward
- BR - bottom reverse
- TR - top reverse

**All Series Accessories**

Single Row Terminal Blocks *Continued*

**Cover Options - Single Row**

**Terminal Block Covers**

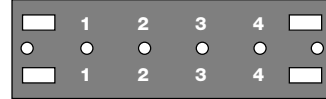
Available for Series A1000, A2000, A3000, A4000, CB2000, CB3000, LP2000, & LP3000.  
Three styles of UL 94V0 thermoplastic covers are offered in black. Covers are ordered separately and supplied with two clips each, unless ordered without clips. Optional markings may be specified (black on yellow; white on black).

Notes: Covers can not be used with:  
 • mounting plate options MP & MT.  
 • certain quick connect terminals.  
 • 0, 6, & 9 base/end styles on A2 or A3

Bulk Cover Clips: Series 1000 = **CC1-J**; Series 2000 & 3000 = **CC2-J**;  
Series 4000 = **CC4-J**.

**Standard Cover Markings**

Top Forward - **TF**



Bottom Forward - **BF**

Skirted Access Side

Top Reverse - **TR**



Bottom Reverse - **BR**

Skirted Access Side



**Cover Options BB & CB**  
Skirted access on both sides.



**Cover Options BO & CO**  
Skirted access on one side only.



**Cover Options BC & TC**  
Open access on both sides.

**Cover**



**BB** - skirted access, both sides, black  
**BO** - skirted access, one side, black  
**BC** - open access, both sides, black\*  
 \* Not available in 4000 Series

**Series**



**1** - 1000  
**2** - 2000  
**3** - 3000  
**4** - 4000

**Poles**



**02 to 36**

**Markings**



**BF** - bottom forward  
**TF** - top forward  
**BR** - bottom reverse  
**TR** - top reverse

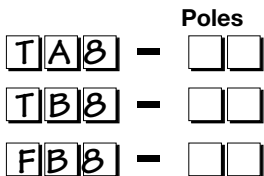
**Options**



**00** - without clips

**Snap-On Covers for A38/B38/F38 Series & CB2/CB3 Series**

**A38/B38 Series**



**CB2/CB3 Series**

