

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;

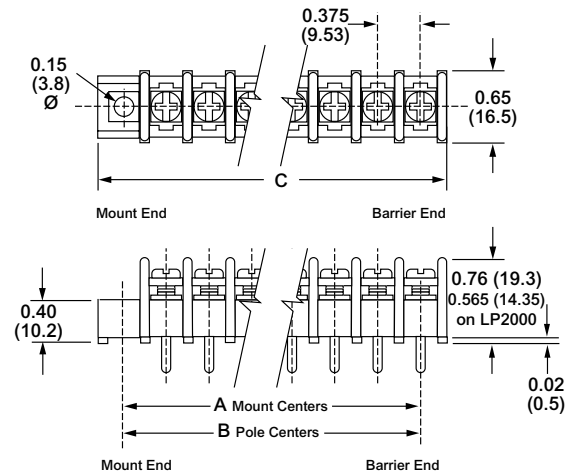
IEC Compliance; CE Certified

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

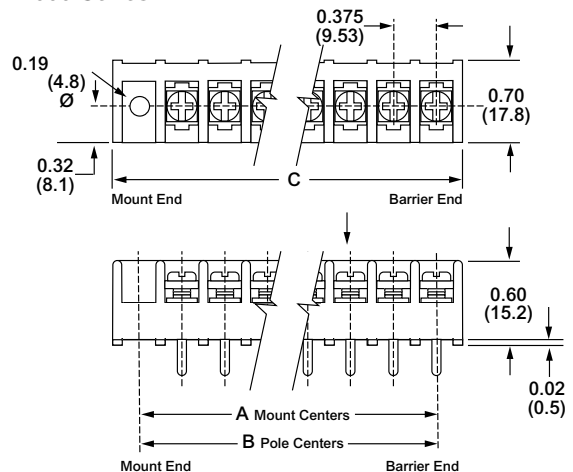


Dimensions - in (mm)

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

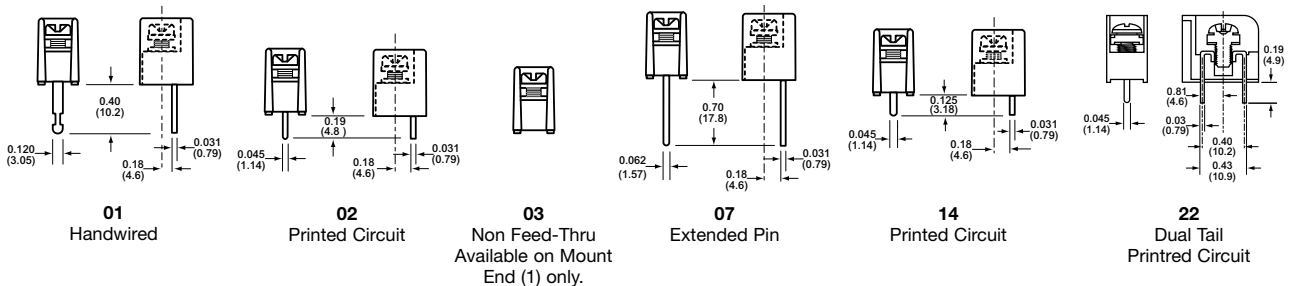
Part Numbering System

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

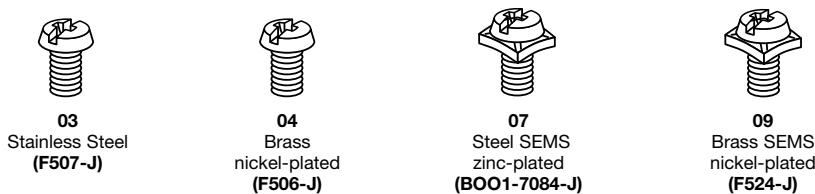
*Only available on 3-poles and up.
 †Contact factory for configuration.

Terminal Styles

Inches (Millimeters)



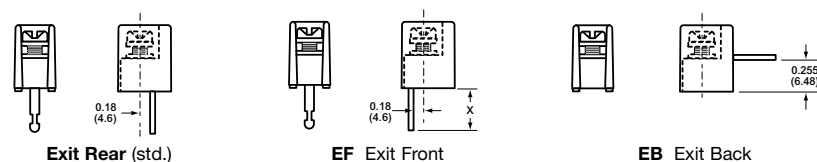
Screw Options (Bulk ordering part numbers are in parentheses.)



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

CB2 Terminal Exit Options

Inches (Millimeters)

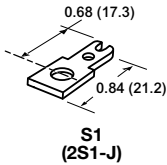


Series CB2000 Single Row Terminal Blocks

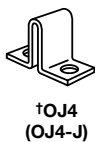
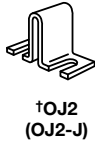
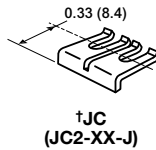
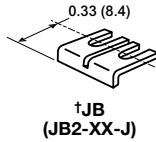
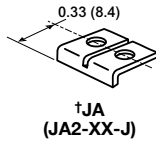
Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

Solder Lugs

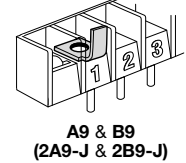
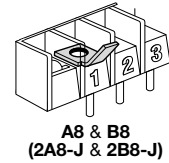
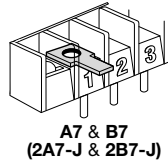


Jumpers



Quick Connects

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

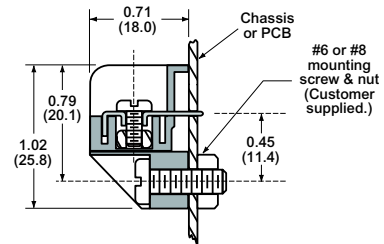
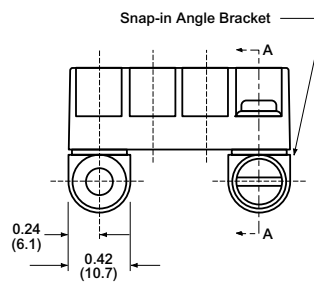
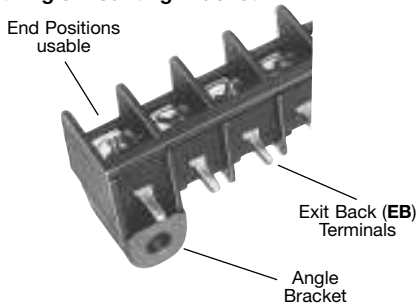


†Contact factory for configuration.

Mounting Options

Inches (Millimeters)

Right Angle Mounting Bracket

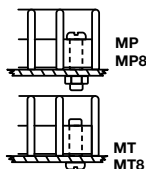
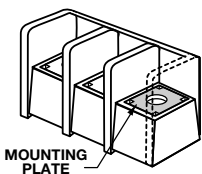


Option AB

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

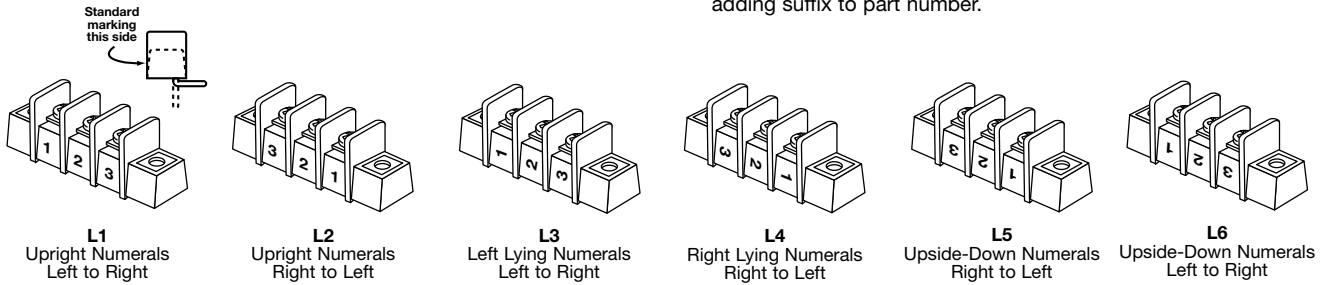
Single Row Terminal Blocks

Marking Options & Accessories

Standard Marking

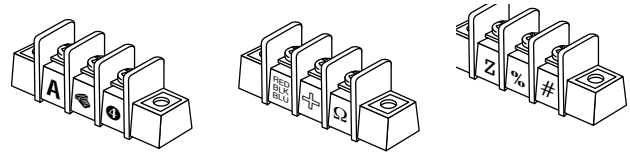
Markings are applied directly to the sides of Series 1000, 2000, 3000, and 4000. Standard characters are white and 1/8" high. Factory may substitute 3/32" high characters.

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

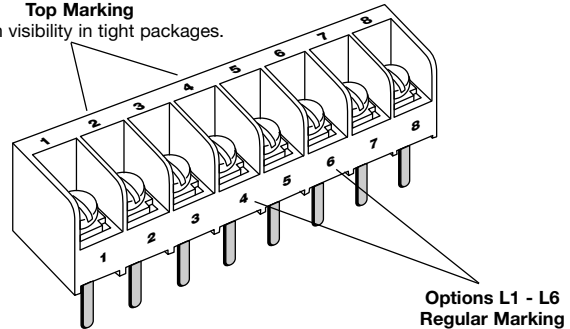
Special markings are available for Series 1000, 2000, 3000, 4000 & 5000 at an additional charge for preparation. Production charges for setup, handling and marking are the same as for standard marking and the same quantity discounts apply. Consult factory for price and delivery.



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

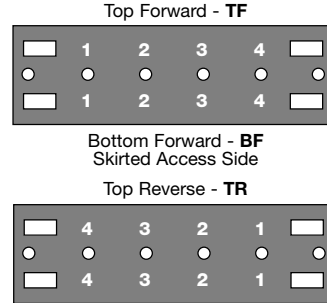
Terminal Block Covers

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



Cover Options BB & CB
Skirted access on both sides.



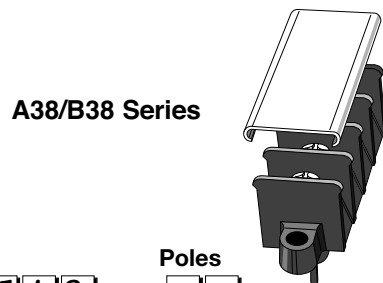
Cover Options BO & CO
Skirted access on one side only.



Cover Options BC & TC
Open access on both sides.

Cover	Series	Poles	Markings	Options
BB - skirted access, both sides, black BO - skirted access, one side, black BC - open access, both sides, black* * Not available in 4000 Series	1 - 1000 2 - 2000 3 - 3000 4 - 4000	02 to 36	BF - bottom forward TF - top forward BR - bottom reverse TR - top reverse	00 - without clips

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



	Poles	
		A38 Series
		B38 Series
		F38 Series



	Poles	
		CB2 Series
		CB3 Series

Terminal Blocks:
Single & Double Row

EuroMag Series

Terminal Blocks:
Base & Rail Mount

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Edge Connectors,
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