

Series A2000, LP2000 & CB2000 Single Row Terminal Blocks

SPECIFICATIONS

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

Center Spacing: .375" or 3/8" (9.52 mm)

Wire Size: #12-22 AWG CU

Screw Size: #6-32 zinc plated phillslot

Torque Rating: 9 in.-lb. max.

Base: Standoffs standard for easy flux washing

Distance Between Barriers: .32" (8.1 mm)

Recommended PCB Hole Diameter: .076" (1.93 mm);
.062" (1.59 mm) on .045" terminals.

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

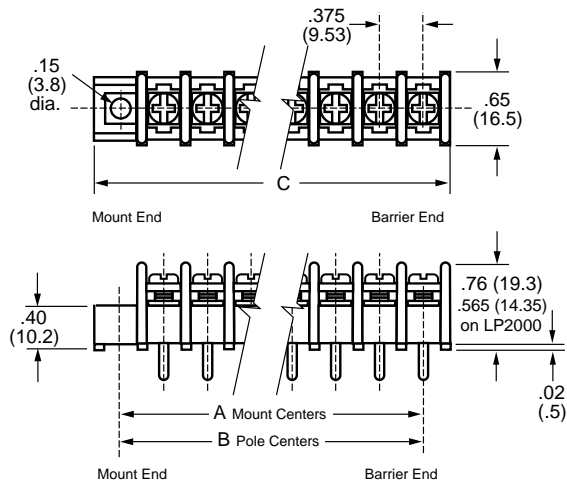
Molded Material: Black, UL Rated 94VO Thermoplastic

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

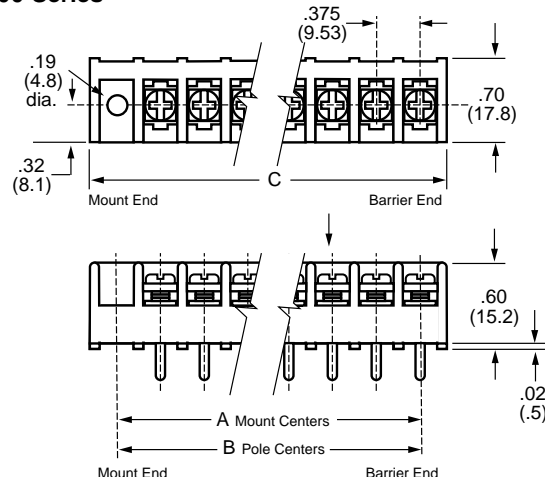
Approvals: UL E62622; CSA LR15364; IEC Compliance;
CE Certified



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 | .38 | .81 |
| 03 | 1.50 | 1.93 | .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.

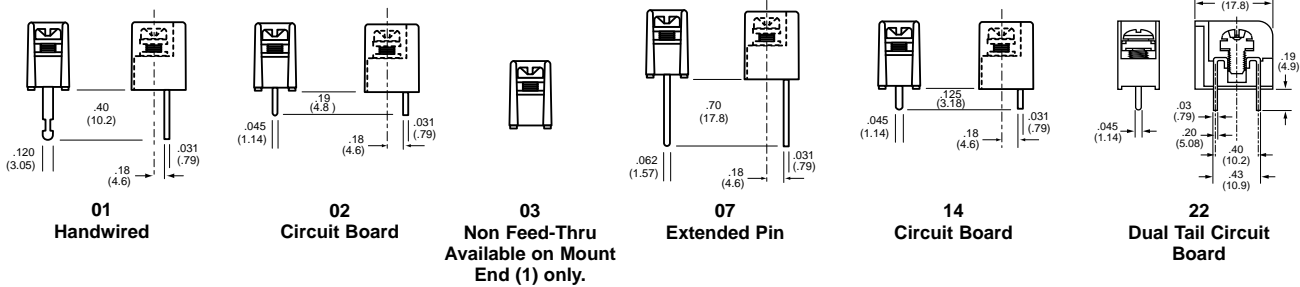
Series CB2000
Single Row Terminal Blocks

Part Numbering System

| Series | Terminal Style | Base/End | Poles | Screws | Options |
|--------------------------|---|--|--|--|--|
| CB2 | nn | n | nn | nnnn | nnn |
| CB2 - closed back | 01 - handwired 02 - circuit board 03 - non feed-thru 07 - extended pin 14 - circuit board 22 - dual tail circuit board | 1 - mount end 2 - barrier end | 02 to 32 02 to 30 on mount end base | 07 - steel SEMS standard 09 - brass SEMS nickel plated CA - captive screw 07CA - SEMS captive | AB - angle mounting brackets (pg 12) A7 to A9 - .250" QC B7 to B9 - .187" QC EB - exit back terminals EF - exit front terminals JA, JB & JC - barrier jumpers L1 to L6 marking options (pg 23) LT1 to LT6 marking options (pg 23) OJ2 & OJ4 - over barrier jumpers MP, MP8, MT & MT8 mtg. plates (pg 12) S1 - solder lug/flat |

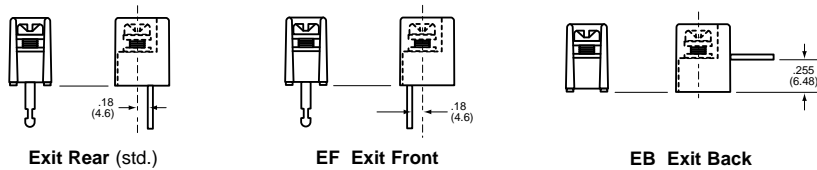
Terminal Styles

Inches (Millimeters)



CB2 Terminal Exit Options

Inches (Millimeters)



Screw Options Wire ready screws standard on all terminal styles



07
Steel SEMS
Zinc Plated



09
Brass SEMS
Nickel Plated

MAGNUM®

Series CB2000 Single Row Terminal Blocks *Continued*

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

| | | | |
|--|---|--|---|
| <p>Solder Lugs</p> <p>S1</p> | <p>Jumpers</p> <p>JA (JA2-XX)</p> <p>JB (JB2-XX)</p> <p>JC (JC2-XX)</p> | <p>Quick Connects Blade Width A = .250". Blade Width B = .187".</p> <p>OJ2</p> <p>OJ4</p> | <p>A7 & B7 (2A7 & 2B7)</p> <p>A8 & B8 (2A8 & 2B8)</p> <p>A9 & B9 (2A9 & 2B9)</p> |
|--|---|--|---|

Mounting Options Inches (Millimeters)

Right Angle Mounting Bracket

- 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).

Option AB

Mounting Plates

- Options MP, MP8, MT & MT8**
- MP** Metal inserts with .150" dia. hole accept #6 screw.
 - MP8** Metal inserts with .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.