



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**MAGNUM**

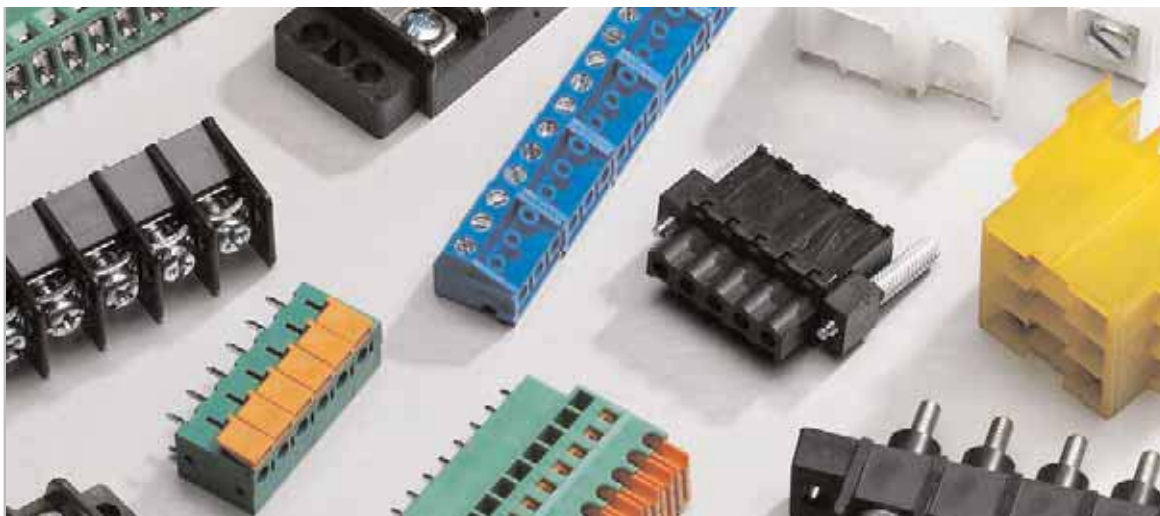


Connect  
with  
Magnum

# Product Catalog

Make Wire Connections Simple and Fast

**COOPER Bussmann**



## Connect with Magnum

### Proven Products for Demanding Applications

For over 50 years, the Magnum name has stood for proven products, custom solutions, quality commitment and superior service – core strengths that help build long-term relationships with our customers.

Magnum quality products support a broad range of electronic and electrical OEM applications. Our product line offers the most comprehensive selection of barrier-style terminal blocks in the industry – as well as:

- North American-style terminal blocks — single row, double row and tri-barrier
- European-style terminal blocks — PCB mount (spring, cage, tiered, high current), screwless, and pluggable
- Power distribution blocks — barrier and dead front, splicer, stud type, multi-line, and power blocks
- Rail and base mount terminal blocks
- DIN rail sectional blocks
- Junction blocks — stud type and feed through
- Edge connectors — vertical and right angle mount

**Electronic:** Our electronic products, including PCB mountable North American and Euro-Mag® terminal blocks, are found in a variety of demanding applications:

- Industrial and environmental controls
- Instrumentation
- Security and alarm systems
- Traffic signals and controls
- Telecom
- Process logic control (PLC)
- Test and measurement
- Power supplies
- Elevators and conveyors



**European-Style PCB Terminal Blocks:** Magnum Euro-Mag® blocks come in a variety

of terminal options to make connections easy and in different wire-entry orientations to solve wire routing issues. These high high-current terminal blocks handle up to 115 amps right on the circuit board and are available in mold-to-length designs to provide the exact number of poles for a specific application.



## Terminal Blocks

### Single Row

Series	Centers	Page
A5000 and CB5000	0.250"	1-2
A1000 and CB1000	0.325"	3-5
A2000, LP2000 and CB2000	0.375"	6-11
A3000, LP3000 and CB3000	0.437"	12-17
A38/B38	0.437"	18-19
A4000 and B4000	0.562"	20-22
All Series Accessories		23

### Filtered

Series	Centers	Page
F38	0.437"	24

### Double Row

Series	Centers	Page
TB100	0.375"	25-26
TB200 and TB200HB	0.437"	27-28
TB300 and TB345	0.562"	29-30
TB400	0.687"	31-32
Top and Bottom Marking Strips		33

### Standard Base

Series	Centers	Page
TSXX01, TSXX02	8.00-13.50mm	34

### Flat Base

Series	Centers	Page
TSXX03, TSXX04	8.00 and 10.00mm	35

### Raised Base

Series	Centers	Page
TSXX05, TSXX06	8.00 and 10.00mm	36

## EuroMag Series PCB Mount Terminal Blocks

Series	Centers/Type	Page
EM3123	3.50mm	38
EM2665	5.00mm	39
EM3660	5.00mm	40
EM3665	5.00mm	41
EM3675	5.00mm	42
EM3127	7.50mm	43
EM2661	10.00mm	44
EM3661	10.00mm	45
EM3671	10.00mm	46
EM3923	3.50mm	47
EM3503	3.81mm	48
EM2585	5.00mm	49
EM3225	5.00mm, 35°	50
EM2205	5.00mm, 45°	51
EM2505	5.08mm	52
EM3228	5.08mm, 35°	53
EM2507	7.50mm	54
EM3227	7.50mm, 35°	55
EM2506	7.62mm	56
EM3226	7.62mm, 35°	57
EM2403	9.52mm	58
EM2803	9.52mm, 35°	59
EM2445	5.00mm	60
EM2448	5.08mm	61
EM2855	6.35mm	62
EM2905	7.50mm	63
EM2908	7.62mm	64
EM9126	10.16mm	65
EM9127	15.00mm	66
EM9128	3.81mm, Two-Tier	67

EM2909	3.81mm, Three-Tier	68
EM2919	5.00mm, Two-Tier	69
EM2929	5.08mm, Two-Tier	70
EM2939	5.00mm, Three-Tier	71
EM3905	5.00mm, Two-Tier	72
EM3908	5.08mm, Three-Tier	73

## EuroMag Series PCB Mount Screwless Terminal Blocks

Series	Centers/Type	Page
EM2742	2.54mm	74
EM2783	3.50mm, 45°	75
EM2802	2.54mm, 30°	76
EM2785	5.00mm, 45°	77
EM2778	5.08mm	78
EM2795	5.08mm	79
EM2796	7.62mm	80
EM2791	10.16mm	81
EM2816	7.62mm, 60°	82

## EuroMag Series PCB Mount Pluggable Terminal Blocks

Series	Centers/Type	Page
EM3533	3.50mm, Plug	83
EM2221	3.50mm, Header	84
EM2413	3.50mm, Plug	85
EM2201	3.50mm, Header	86
EM3553	3.81mm, Plug	87
EM3543	3.81mm, Plug	88
EM3583	3.81mm, IDC Plug	89
EM3593	3.81mm, Header	90
EM2423	3.81mm, Plug	91
EM2443	3.81mm, Plug	92
EM2211	3.81mm, Header	93
EM2525	5.00mm, Plug	94
EM2485	5.00mm, Plug	95
EM3105	5.00mm, Plug	96
EM2535	5.00mm, Header	97
EM2565	5.08mm, Plug	98
EM2488	5.08mm, Plug	99
EM3108	5.08mm, Plug	100
EM2575	5.08mm, Header	101
EM2115	5.00mm, Plug	102
EM3115	5.00mm, Plug	103
EM2215	5.08mm, Plug	104
EM2118	5.00mm, Header	105
EM3118	5.08mm, Plug	106
EM2218	5.08mm, Header	107
EM3516	7.62mm, Plug	108
EM3526	7.62mm, Header	109
EM2416	7.62mm, Plug	110
EM2426	7.62mm, Header	111
EM5015	5.00mm, Plug	112
EM5025	5.00mm, Header	113
EM5035	5.00mm, Plug	114
EM5045	5.00mm, Header	115

Terminal Blocks:  
Single & Double Row

EuroMag Series

Terminal Blocks:  
Base & Rail Mount

Power Distribution  
Blocks

Wire Management  
Products

Edge Connectors,  
One-Strided Boards

Compliance  
References

Terminal Blocks:  
Single & Double Row

Rail Mount Terminal Blocks and Accessories			116
<i>Series</i>	<i>Centers</i>		<i>Page</i>
NDN63	0.375"		117
NDN1	0.635"		117
NDN11	0.635"		117
NDNV4	0.250"		118
NDN3	0.300"		118
N512	0.197"		119
NFT2	0.281"		119
NFT3	0.390"		119
NC3	1.06"		120
NSE3	1.06"		120
NSS3	0.385"		120

EuroMag Series

Depluggable Rail Mount Terminal Blocks			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
PLU3	0.390"		121
PLU1	0.625"		121
PSU1	0.625"		121

Terminal Blocks:  
Base & Rail Mount

Rail Mount Fuse Holding Terminal Blocks		<i>Page</i>
<i>Series</i>		
NDNF1		122
NDND1 (Non Fused)		122
NDFD1 (Fuse)		122
NDNFLFD1 (Fused with Visual Indicator)		122

Power Distribution  
Blocks

Quick Connect Terminal Blocks			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
NTQ23	0.390"		123
BNQ21	0.437"		123
BQQ41	0.437"		123

Wire Management  
Products

Base Mount Terminal Blocks			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
KT3	0.390"		124
KT4	0.250"		124
PLK3	0.390"		124

Edge Connectors,  
One-Sided Boards

Disconnect Terminal Blocks			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
15188	0.375"		125
15288	0.54"		126

Compliance  
References

Base Mount Double Row Terminal Blocks			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
KU	0.625"		127

Quick-Connect Power Distribution Blocks			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
11675	0.56"		128
11725	0.68"		128

Barrier Terminal Blocks		<i>Page</i>
<i>Series</i>		
14002		129

Dead Front Terminal Blocks			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
14004	0.50"		129

Splicer Terminal Blocks		<i>Page</i>
<i>Series</i>		
160, 162, 163 and 165		130

Power Distribution Blocks		<i>Page</i>
<i>Series</i>		
Finger-Safe		131
160, 162, 163 and 16		132

Connector/Stud Power Distribution Blocks		<i>Page</i>
<i>Series</i>		
162, 163 and 165		133

Power Blocks			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
EN	1.78"		134

Wire Management Products		<i>Page</i>
<i>Series</i>		

Photo Control Receptacle		135
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Stud Type Junction Blocks			
<i>Series/Type</i>	<i>Centers</i>		<i>Page</i>
C4559 and C6083	0.75"		136
C5237 and JB1032	0.625"		136-137

Power Feed Thru Terminal Blocks			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
C7021	0.69"		138
C7024	0.750"		139

Depluggable PCB Mount Terminal Blocks			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
15133	0.375"		140

### Edge Connectors - One-Sided Boards

Vertical Mount			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
1384X	0.375"		141

Right Angle Mount			
<i>Series</i>	<i>Centers</i>		<i>Page</i>
15104	0.375"		142

Compliance References		143
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## Series A5000 & Series CB5000

### Single Row Terminal Blocks

#### SPECIFICATIONS

**Rating:** 10A, 300V\*

**Center Spacing:** 0.250" (6.35mm)

**Wire Range:** #18-30 AWG CU

**Screw Size:** #3-48 zinc-plated phillslot SEMS screws, wire-ready standard

**Torque Rating:** 4 lb-in.

**Distance Between Barriers:** 0.20" (5.08mm)

**Recommended PCB Hole Diameter:** 0.062" (1.57mm)

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

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

**Breakdown Voltage:** 1600V rms

**Agency Information:** UL File E62622; CE Certified

\* Max. rating shown; some options may be rated lower – consult factory.

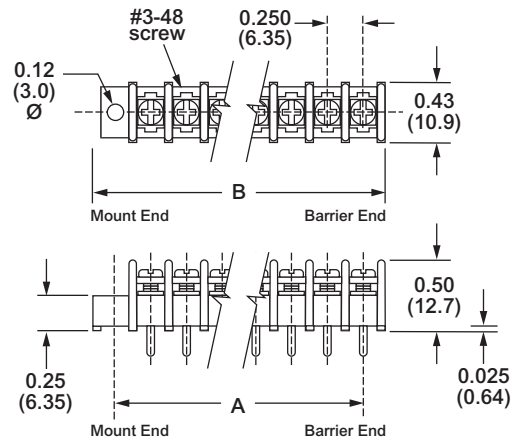


Poles	MOUNTING ENDS		BARRIER ENDS	
	A Mount Centers	B Overall Length	A Pole Centers	B Overall Length
02	0.75	1.06	0.25	0.56
03	1.00	1.31	0.50	0.81
04	1.25	1.56	0.75	1.06
05	1.50	1.81	1.00	1.31
06	1.75	2.06	1.25	1.56
07	2.00	2.31	1.50	1.81
08	2.25	2.56	1.75	2.06
09	2.50	2.81	2.00	2.31
10	2.75	3.06	2.25	2.56
11	3.00	3.31	2.50	2.81
12	3.25	3.56	2.75	3.06
13	3.50	3.81	3.00	3.31
14	3.75	4.06	3.25	3.56
15	4.00	4.31	3.50	3.81
16	4.25	4.56	3.75	4.06
17	4.50	4.81	4.00	4.31
18	4.75	5.06	4.25	4.56
19	5.00	5.31	4.50	4.81
20	5.25	5.56	4.75	5.06
21	5.50	5.81	5.00	5.31
22	5.75	6.06	5.25	5.56
23	6.00	6.31	5.50	5.81
24	6.25	6.56	5.75	6.06
25	6.50	6.81	6.00	6.31
26	6.75	7.06	6.25	6.56
27	7.00	7.31	6.50	6.81
28	7.25	7.56	6.75	7.06
29	-	-	7.00	7.31
30	-	-	7.25	7.56

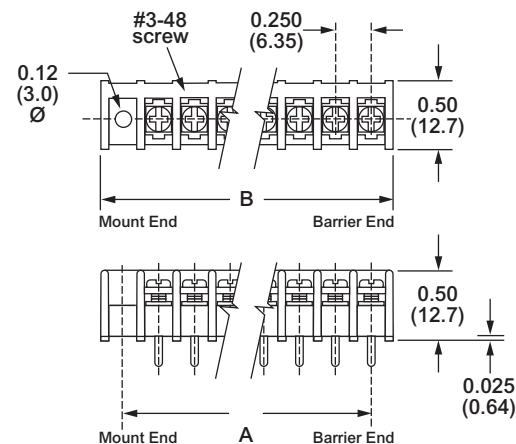
\* Dimensions in inches. To convert to millimeters, multiply by 25.4.

#### Dimensions - in (mm)

##### A5000 Series



##### CB5000 Series



Terminal Blocks:  
Single & Double Row

EuroMag Series

Terminal Blocks:  
Base & Rail Mount

Power Distribution  
Blocks

Wire Management  
Products

Edge Connectors,  
One-Strided Boards

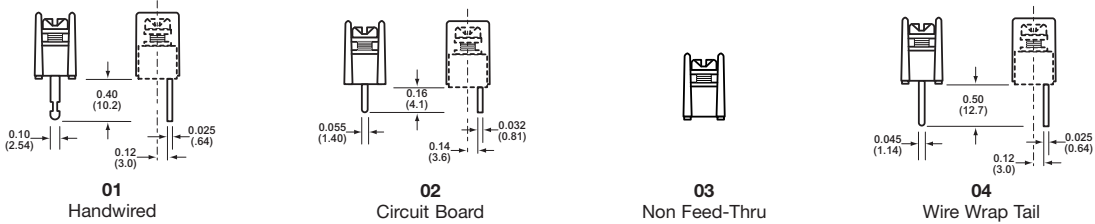
Compliance  
References

## Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
<b>A5</b> <b>CB5</b>					
<b>A5</b> - standard barrier <b>CB5</b> - closed back	<b>01</b> - handwired <b>02</b> - printed circuit <b>03</b> - non feed-thru <b>04</b> - wire wrap tail	<b>1</b> - mount end <b>2</b> - barrier end	<b>02 to 30</b> <b>02 to 28</b> on mount end base	<b>07</b> - steel SEMS std. wire ready	<b>C1 to C8</b> - 0.110" QC <b>L1 to L6</b> marking options (pg 22) <b>LT1 to LT6</b> marking options (CB5 only-pg 22) <b>MP</b> - mounting plate 0.120" dia * <b>OJ</b> - over barrier jumper <b>S1</b> - single solder lug/flat <b>S2</b> - double solder lug/flat (A5 only) *Contact factory for configuration

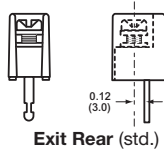
## Terminal Styles

Inches (Millimeters)



## CB5 Terminal Exit Options

Inches (Millimeters)



## Screw Options

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



**07**  
Steel SEMS  
Zinc-Plated  
(B001-7035-J)



**07**  
Standard  
Wire Ready

## Hardware Options

(Bulk ordering part numbers are in parentheses.)

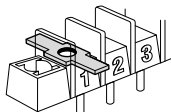
Inches (Millimeters)

### Jumpers

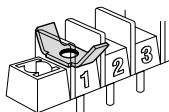


(OJ12-J)

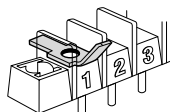
### Quick Connects Blade Width 0.110" (For other orientations, contact factory.)



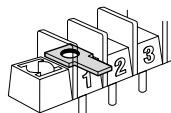
(5C1-J)\*



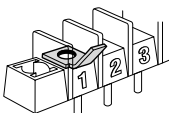
(5C2-J)\*



(5C4-J)\*



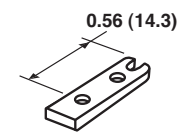
C7 (5C7-J)



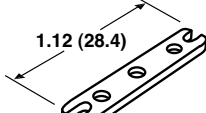
C8 (5C8-J)

\* N/A on CB5 Series.

### Solder Lugs



S1 (5S1-J)



S2 (5S2-J)

## Series A1000 & Series CB1000 Single Row Terminal Blocks

### SPECIFICATIONS

**Rating:** 20A, 250V\*

**Center Spacing:** 0.325" (8.26mm)

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

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

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

**Base:** Standoffs are standard on CB1000 Series 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



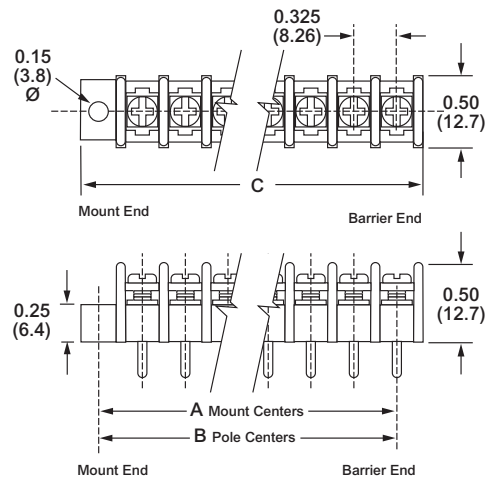
CB10210707



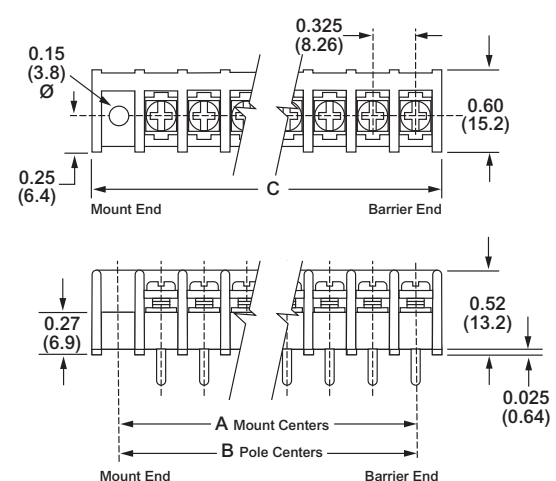
A102206

### Dimensions - in (mm)

#### A1000 Series



#### CB1000 Series



Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS B Pole Ctrs.	BARRIER ENDS ONLY C Length
	A Mount 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
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.

Terminal Blocks:  
Single & Double Row

EuroMag Series

Terminal Blocks:  
Base & Rail Mount

Power Distribution  
Blocks

Wire Management  
Products

Edge Connectors,  
One-Strided Boards

Compliance  
References



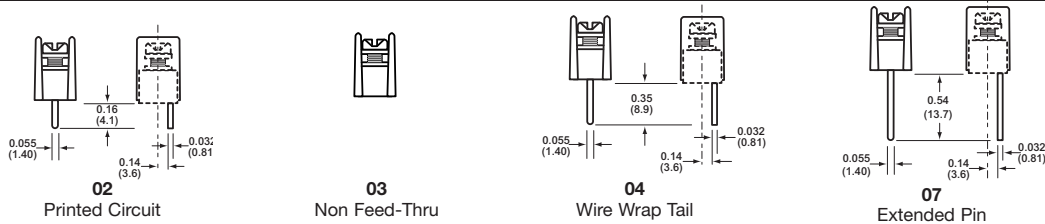
## Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
<b>A1</b>					
<b>CB1</b>					
<b>A1</b> - standard barrier <b>CB1</b> - closed back	<b>02</b> - printed circuit <b>03</b> - non feed-thru <b>04</b> - wire wrap tail <b>07</b> - extended pin	<b>1</b> - mount end <b>2</b> - barrier end		Blank - std. screws <b>03</b> - stainless steel <b>04</b> - nickel brass <b>07</b> - steel SEMS & washer (not available with hardware options) <b>09</b> - brass/nickel-plated SEMS <b>CA</b> - standard captive screw	<b>AB &amp; DR</b> - angle mts. (A1 only-pg 5) <b>B1 to B9</b> - 0.187" QC (all positions) <b>EB</b> - exit back terminals on CB1 w/07 screw option only † <b>JA, JB &amp; JC</b> - barrier jumpers <b>L1 to L6</b> marking options (pg 22) <b>LT1 to LT6</b> marking options (CB1 only-pg 22) <b>MP &amp; MT</b> - mounting plates 0.150 dia (pg 5) <b>R26 &amp; R45</b> - right angle bends (A1 only-pg 5)

Covers - (pg 23)

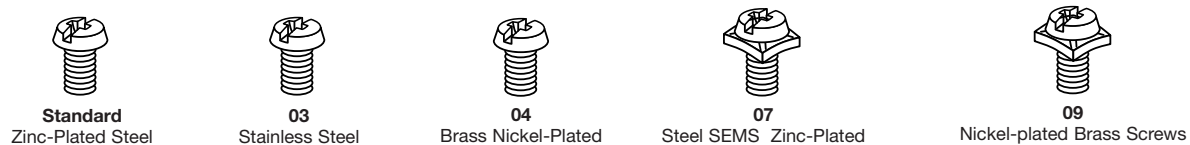
## Terminal Styles

Inches (Millimeters)



## Screw Options

Wire ready screws standard on all terminal styles



## CB1 Terminal Exit Options

Inches (Millimeters)



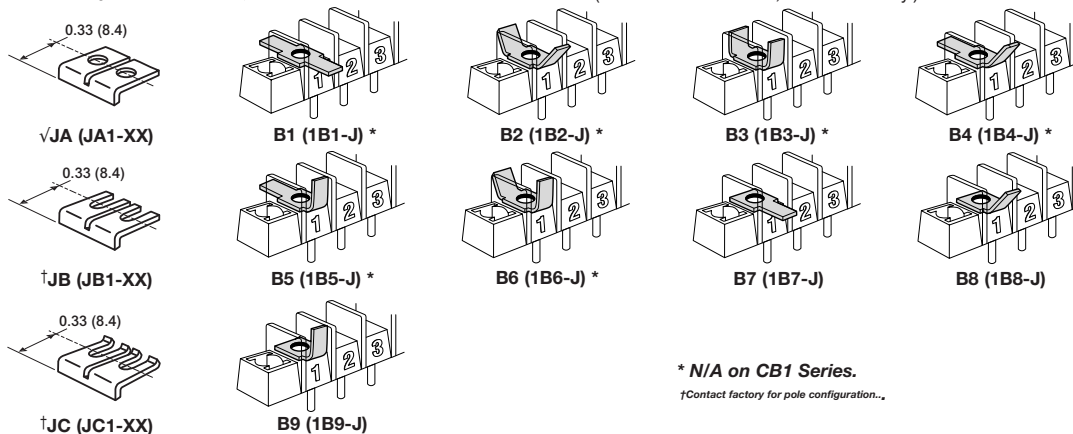
## Hardware Options

Inches (Millimeters)

### Jumpers

### Quick Connects

Blade Width B = 0.187". (For other orientations, contact factory.)



\* N/A on CB1 Series.

†Contact factory for pole configuration...

## Series A1000 & CB1000

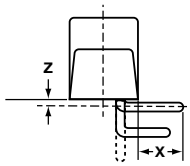
### Single Row Terminal Blocks *Continued*

#### Mounting Options

Inches (Millimeters)

#### Right Angle Bends (A1 only)

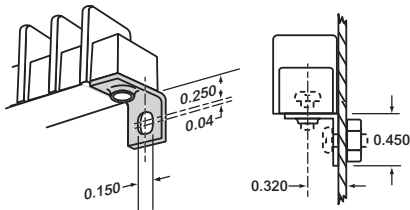
Right angle terminals are offered on the A1000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part number.



Bend Option Code	X (minimum)	Z
R26 (04 terminal only)	0.14 (3.5)	0.09 (2.3)
R45 (07 terminal only)	0.33 (8.4)	0.09 (2.3)

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

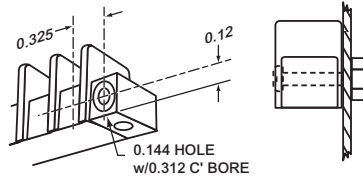
#### Angle Brackets (A1 only)



#### Option AB

Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part number **1AB-J**.

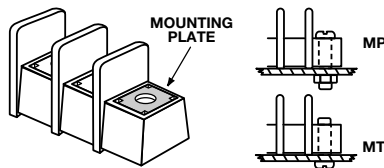
#### Drilled Right Angle (A1 only)



#### 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 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**.

Terminal Blocks:  
Single & Double Row

EuroMag Series

Terminal Blocks:  
Base & Rail Mount

Power Distribution  
Blocks

Wire Management  
Products

Edge Connectors,  
One-Strided Boards

Compliance  
References

## 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 phillslot

**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;

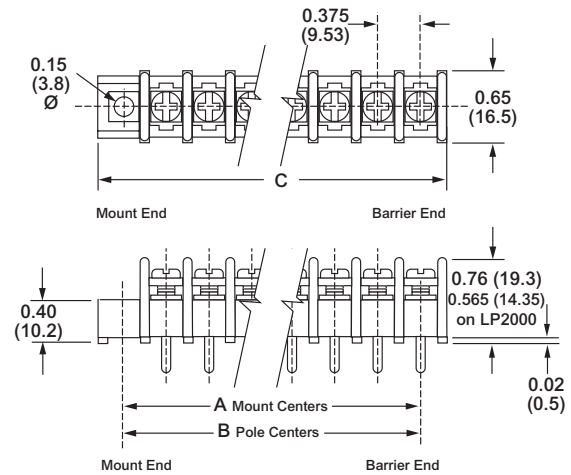
IEC Compliance; CE Certified

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

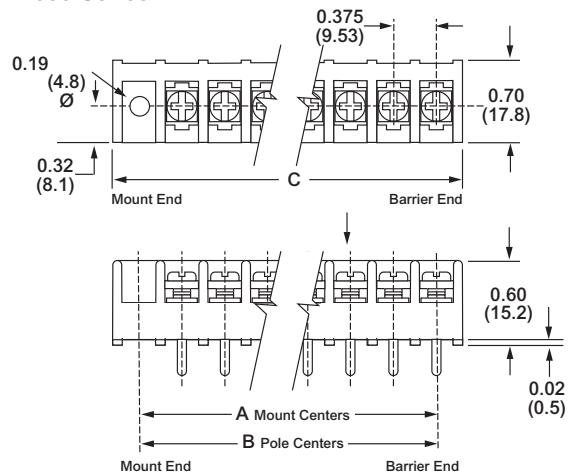


#### Dimensions - in (mm)

##### 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.

## Series A2000 & LP2000 Single Row Terminal Blocks

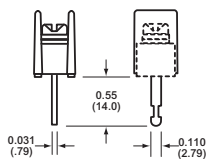
### Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
<b>A</b> <b>2</b>					
<b>LP</b> <b>2</b>					
<b>A2</b> - standard barrier <b>LP2</b> - low profile barrier	<b>01</b> - handwired <b>02</b> - printed circuit <b>03</b> - non feed-thru <b>04</b> - wire wrap tail <b>05</b> - extended handwired <b>06</b> - handwired <b>07</b> - extended pin <b>08</b> - printed circuit <b>09</b> - 0.250" QC short <b>10</b> - 0.187" QC <b>14</b> - printed circuit <b>19</b> - 0.250" QC long	<b>0</b> - flat base/molded mount end <b>1</b> - flat base/mnt. end <b>2</b> - flat base/barrier end <b>3</b> - insulator base/mnt. end <b>4</b> - insulator base/barrier end <b>5</b> - closed base/mount end <b>6</b> - closed base/molded mount end <b>9</b> - insulator base/molded mount end	<b>02 to 32</b> <b>02 to 30</b> on mount end base	Blank - std. screw <b>00</b> - screws shipped bulk <b>03</b> - stainless steel <b>04</b> - brass nickel-plated <b>07</b> - steel SEMS (not available with hardware options) <b>09</b> - brass SEMS nickel-plated (not available with hardware options) <b>CA</b> - captive screw <b>WR</b> - wire ready (not available on LP2 series)	<b>AB</b> - angle mnt. options (pg 9) <b>A1 to A9</b> - 0.250" QC <b>B1 to B9</b> - 0.187" QC <b>DR</b> - drilled right angle (pg 9) † <b>JA, JB &amp; JC</b> - barrier jumpers <b>L1 to L6</b> marking options (pg 22) <b>MP, MP8 &amp; MT</b> mounting plates (pg 9) † <b>OJ2 &amp; OJ4</b> - over barrier jumpers (not available w/covers) <b>RC</b> - retaining clips (pg 9) <b>R30 to R77</b> - right angle bends (pg 9) <b>SO</b> - stand off insulators (pg 9) <b>S1</b> - solder lug/flat  <b>Covers</b> - (pg 23)

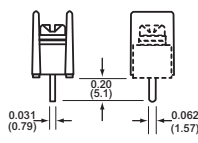
Base/End Note: 0, 6, 9 styles not available with covers. 5 & 6 Styles only available with 03 terminals.

†Contact factory for configuration..

### Terminal Styles



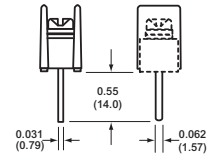
**01**  
Handwired



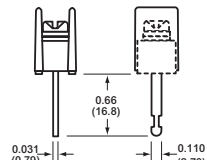
**02**  
Printed Circuit



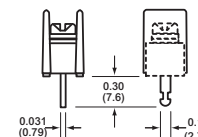
**03**  
Non Feed-Thru



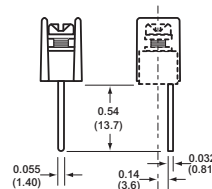
**04**  
Wire Wrap Tail



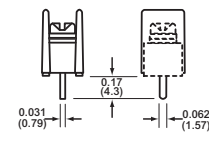
**05**  
Extended Handwired



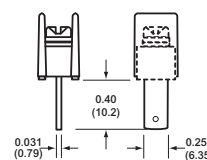
**06**  
Handwired



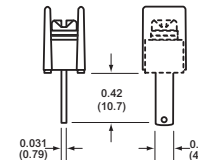
**07**  
Extended Pin



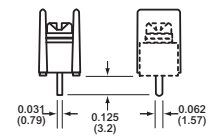
**08**  
Printed Circuit



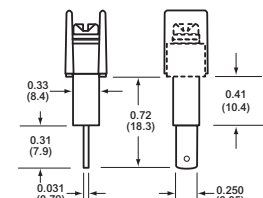
**09**  
0.250" QC short



**10**  
0.187" QC



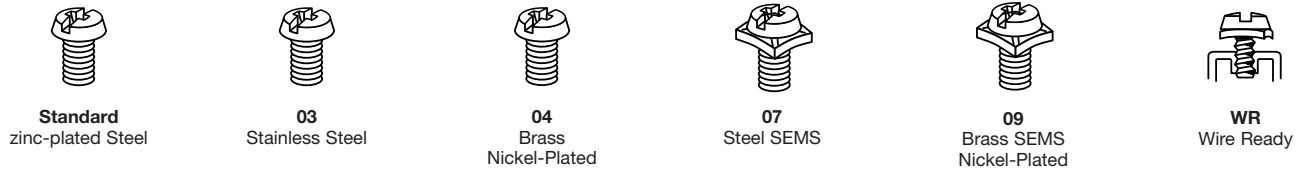
**14**  
Printed Circuit



**19**  
√0.250" QC long

## Series A2000 & LP2000 Single Row Terminal Blocks *Continued*

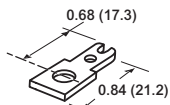
### Screw Options



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

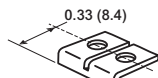
Inches (Millimeters)

#### Solder Lugs

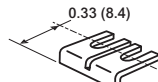


**S1**  
(2S1-J)

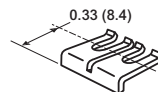
#### Jumpers



**1JA**  
(JA2-XX-J)



**1JB**  
(JB2-XX-J)



**1JC**  
(JC2-XX-J)

†Contact factory for configuration.



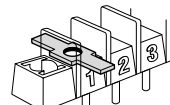
**1OJ2**  
(OJ2-J)



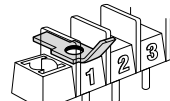
**1OJ4**  
(OJ4-J)

#### Quick Connects

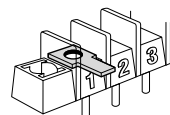
Blade Width A = 0.250" Blade Width B = 0.187"



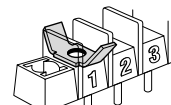
**A1 & B1**  
(2A1-J & 2B1-J)



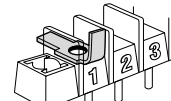
**A4 & B4**  
(2A4-J & 2B4-J)



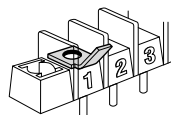
**A7 & B7**  
(2A7-J & 2B7-J)



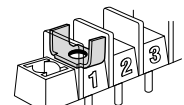
**A2 & B2**  
(2A2-J & 2B2-J)



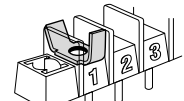
**A5 & B5**  
(2A5-J & 2B5-J)



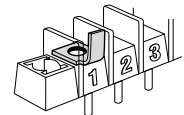
**A8 & B8**  
(2A8-J & 2B8-J)



**A3 & B3**  
(2A3-J & 2B3-J)



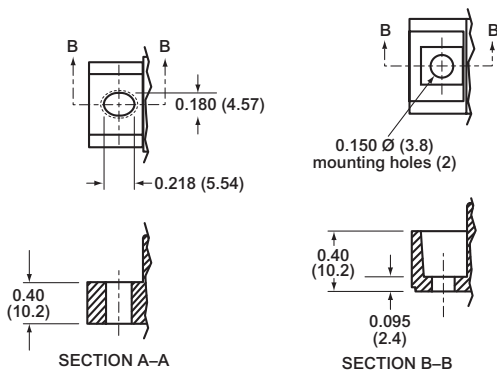
**A6 & B6**  
(2A6-J & 2B6-J)



**A9 & B9**  
(2A9-J & 2B9-J)

### Base/End Options

Inches (Millimeters)



**0, 6 & 9**  
Molded Mount End

**1, 3 & 5**  
Mount End

Series A2000 & LP2000

Single Row Terminal Blocks *Continued*

Terminal Blocks:  
Single & Double Row

EuroMag Series

Terminal Blocks:  
Base & Rail Mount

Power Distribution  
Blocks

Wire Management  
Products

Edge Connectors,  
One-Strided Boards

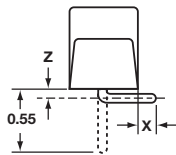
Compliance  
References

**Mounting Options**

**Right Angle Bends (A2, LP2 only)**

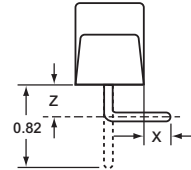
Right angle terminals are offered on the A2000 & LP2000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part number.

**04 Terminal Bend Configurations**



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	0.04	0.28	No
R35	0.01	0.23	No
R36	0.02	0.22	No
R39	0.05	0.19	No
R42	0.08	0.16	No
R46	0.12	0.12	No
R48	0.14	0.10	No
R50	0.16	0.08	No

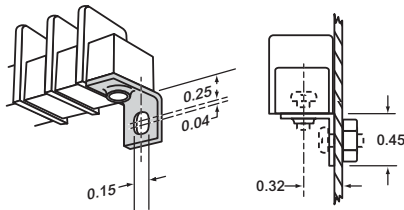
**07 Terminal Bend Configurations**



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	0.04	0.55	Yes
R35	0.01	0.50	Yes
R36	0.02	0.49	Yes
R42	0.08	0.43	Yes
R46	0.12	0.39	Yes
R50	0.16	0.35	No
R53	0.19	0.32	No
R66	0.32	0.19	No
R69	0.35	0.16	No
R75	0.41	0.10	No
R77	0.43	0.08	No

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

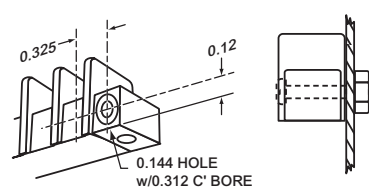
**Angle Brackets (A2, LP2 only)**



**Option AB**

Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part number **2AB-J**.

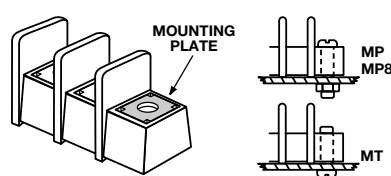
**Drilled Right Angle (A2, LP2 only)**



**Option DR**

Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

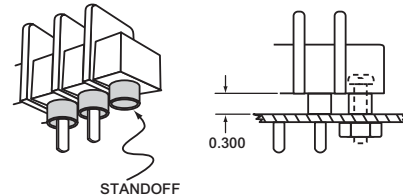
**Mounting Plates**



**Options MP, MP8 & MT**

**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.

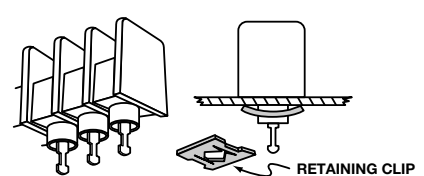
**Standoffs**



**Option SO**

Standoff mounts are tubes molded to the mounting positions. Available with insulator bases only.

**Retaining Clip**



**Option RC**

Use on standoff tubes. Fit panels up to 0.125" thick. Two clips for every five positions. Supplied unassembled. Bulk part number **H541-J**.

## Series CB2000

### Single Row Terminal Blocks

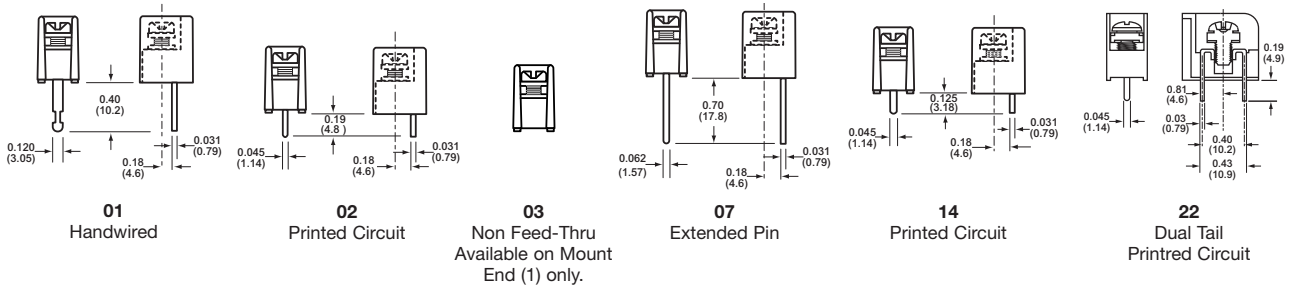
#### Part Numbering System

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

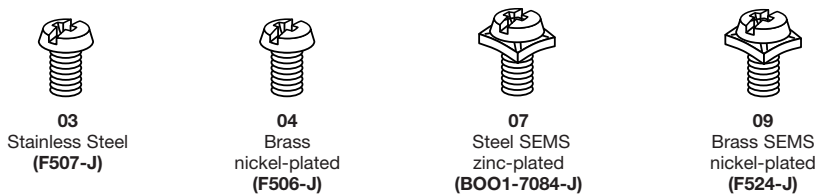
\*Only available on 3-poles and up.  
†Contact factory for configuration.

#### Terminal Styles

Inches (Millimeters)



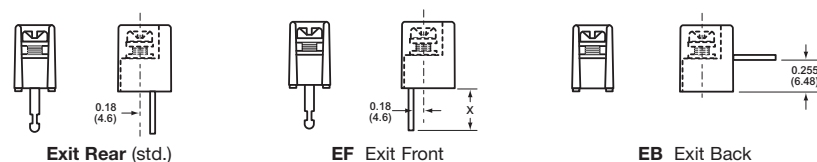
#### Screw Options (Bulk ordering part numbers are in parentheses.)



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

#### CB2 Terminal Exit Options

Inches (Millimeters)

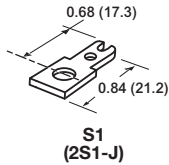


## Series CB2000 Single Row Terminal Blocks

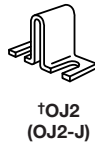
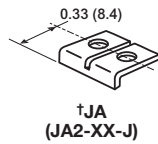
### Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

#### Solder Lugs

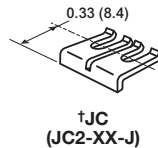
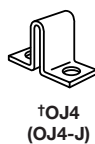
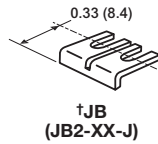
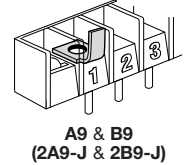
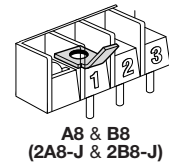
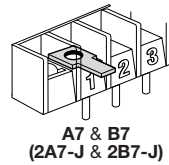


#### Jumpers



#### Quick Connects

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

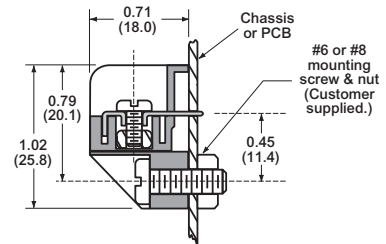
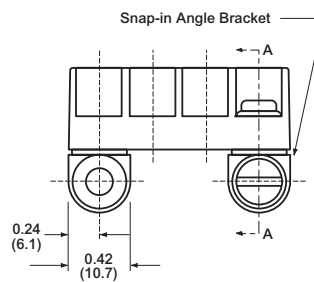
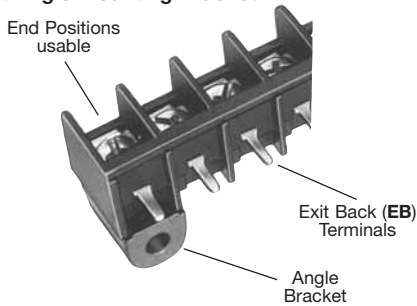


†Contact factory for configuration.

### Mounting Options

Inches (Millimeters)

#### Right Angle Mounting Bracket

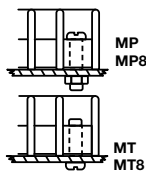
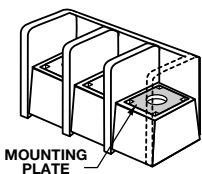


#### Option AB

#### 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.



## Series A3000, LP3000 & CB3000 Single Row Terminal Blocks

### SPECIFICATIONS

**Rating:** A3: 30A, 600V\* #12-22 AWG  
 LP3: 30A, 150V #12-22 AWG  
 CB3: 30A, 600V #12-22 AWG

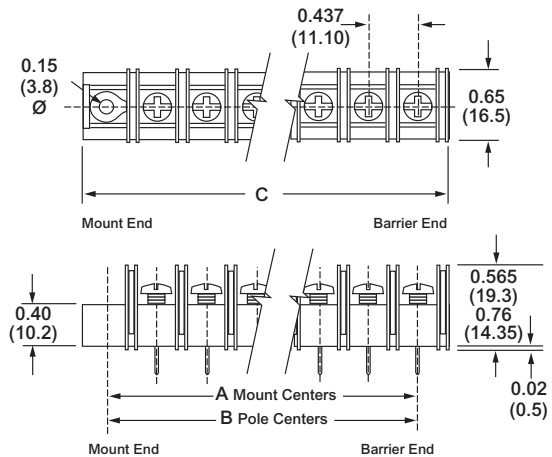
**Wire Range:** #12-22 AWG CU  
**Center Spacing:** 0.437" or 7/16" (11.10mm)  
**Screw Size:** #6-32 zinc-plated phillips screws.  
**Torque Rating:** 9 lb-in.  
**Base:** Standoffs standard for easy flux washing.  
**Distance Between Barriers:** 0.32" (8.1mm)  
**Recommended PCB Hole Diameter:** 0.076" (1.93mm)  
**Operating Temperature:** 105°C (221°F) max., -40°C (-40°F) min.  
**Molded Material:** Black, UL Rated 94V0 Thermoplastic  
**Breakdown Voltage:** 3500V (A3 & LP3); 8200V (CB3)  
**Agency Information:** UL File E62622, CSA 47235;  
 IEC Compliance, CE Certified

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

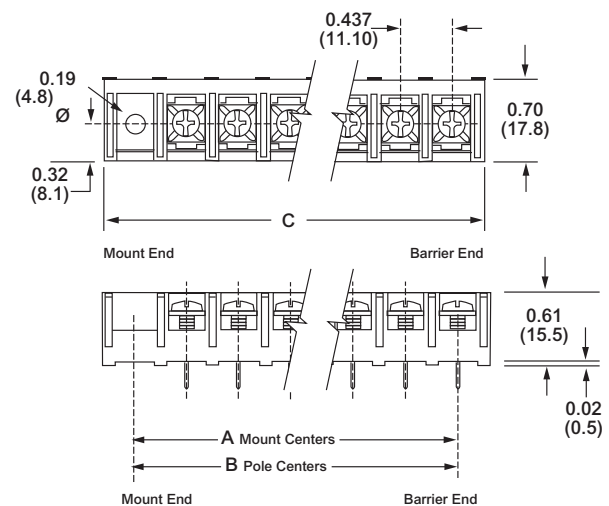


### Dimensions - in (mm)

#### A3000 & LP3000 Series



#### CB3000 Series



Poles	MOUNTING ENDS ONLY		BARRIER & MOUNTING ENDS B Pole Ctrs.	BARRIER ENDS ONLY C Length
	A Mount Ctrs.	C Length		
02	1.31	1.73	0.43	0.98
03	1.75	2.17	0.87	1.43
04	2.18	2.61	1.31	1.87
05	2.62	3.05	1.75	2.31
06	3.06	3.48	2.18	2.75
07	3.50	3.92	2.62	3.18
08	3.93	4.36	3.06	3.62
09	4.37	4.80	3.50	4.06
10	4.81	5.23	3.93	4.50
11	5.25	5.67	4.37	4.93
12	5.68	6.11	4.81	5.37
13	6.12	6.55	5.25	5.81
14	6.56	6.98	5.68	6.25
15	7.00	7.42	6.12	6.68
16	7.43	7.86	6.56	7.12
17	7.87	8.30	7.00	7.56
18	8.31	8.73	7.43	8.00
19	8.75	9.17	7.87	8.43
20	9.18	9.60	8.31	8.87
21	9.62	10.05	8.50	9.31
22	10.06	10.48	9.18	9.75
23	10.50	10.92	9.62	10.18
24	10.93	11.36	10.06	10.62
25	11.37	11.80	10.50	11.06
26	11.81	12.23	10.93	11.50
27	-	-	11.37	11.93
28	-	-	11.81	12.37

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

## Series A3000 & LP3000 Single Row Terminal Blocks

### Part Numbering System

Series	Terminal Style	Base/End (Views pg. 15)	Poles	Screw Options	Options
<b>A3</b>					
<b>LP3</b>					
<b>A3</b> - standard barrier <b>LP3</b> - low profile barrier	<b>01</b> - handwired <b>02</b> - printed circuit <b>03</b> - non feed-thru <b>04</b> - wire wrap tail <b>05</b> - extended handwired <b>06</b> - handwired <b>07</b> - extended pin <b>08</b> - printed circuit <b>09</b> - 0.250 QC short <b>10</b> - 0.187 QC <b>14</b> - printed circuit <b>19</b> - 0.250 QC long	<b>1</b> - flat base/mnt. end <b>2</b> - flat base/barrier end <b>3</b> - insulator base/mnt. end <b>4</b> - insulator base/barrier end <b>*5</b> - closed base/mount end	<b>02 to 28</b> <b>02 to 26</b> on mount end base	Blank - std. screw <b>00</b> - screws shipped bulk <b>03</b> - stainless steel <b>04</b> - brass nickel-plated <b>07</b> - steel SEMS zinc-plated (not available with hardware options) <b>09</b> - brass SEMS nickel-plated (not available with hardware options) <b>07WR</b> - steel SEMS wire ready (A3 only) <b>CA</b> - captive screw	<b>AB</b> - angle mnt. options (pg 15) <b>A1 to A9</b> - 0.250" QC <b>B1 to B9</b> - 0.187" QC <b>DR</b> - drilled right angle (pg 15) <b>†J201</b> - flat slip-on jumper <b>L1 to L6</b> marking options (pg 22) <b>MP, MP8 &amp; MT</b> mounting plates (pg 15) <b>†OJ3, OJ5 &amp; OJ7</b> - over barrier jumpers <b>RC</b> - retaining clips (pg 15) <b>R30 to R77</b> - right angle bends (pg 15) <b>SO</b> - stand off insulators (pg 15) <b>S1</b> - solder lug/flat

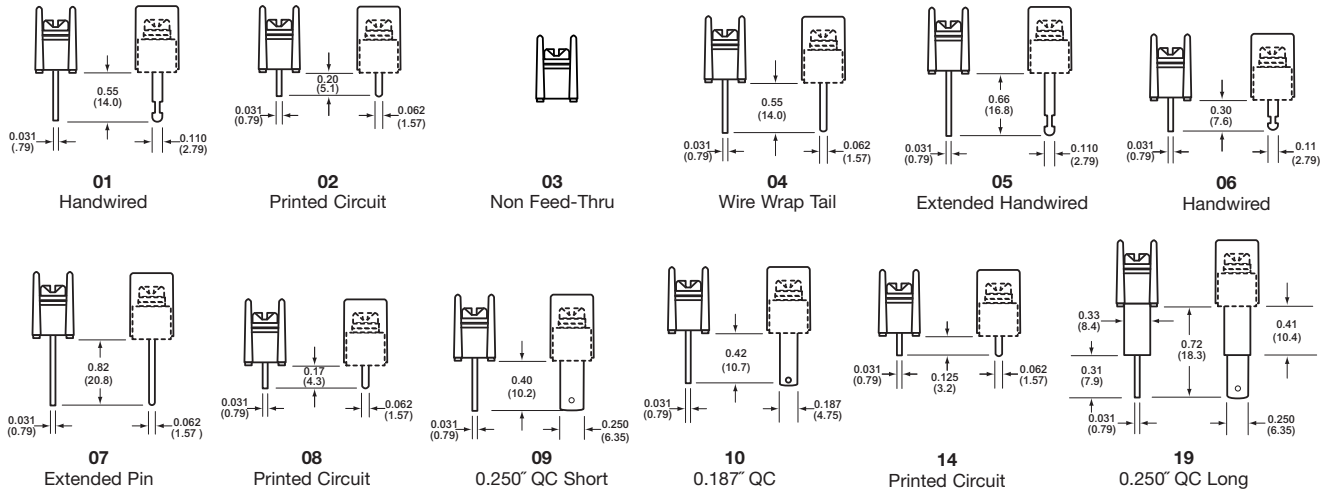
\*Base/End Note: 5 Style only available with 03 terminals.

ready (A3 only)

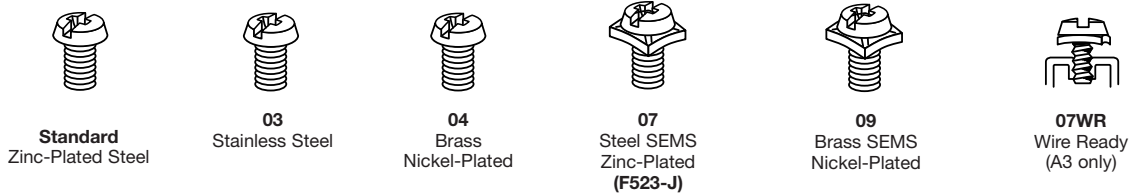
†Contact factory for configuration.

### Terminal Styles

Inches (Millimeters)



### Screw Options

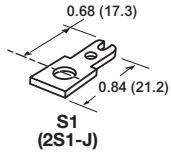


**Series A3000 & LP3000**  
Single Row Terminal Blocks *Continued*

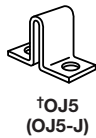
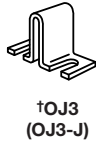
**Hardware Options** (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

**Solder Lugs**

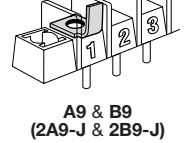
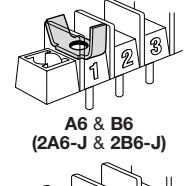
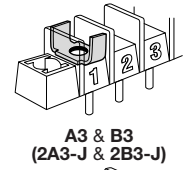
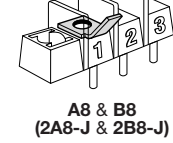
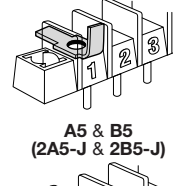
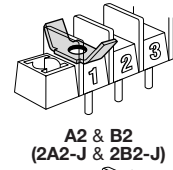
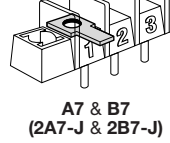
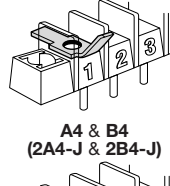
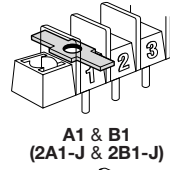


**Jumpers**



**Quick Connects**

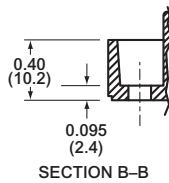
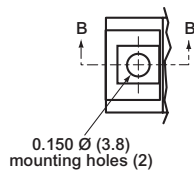
Blade Width A = 0.250" Blade Width B = 0.187"



†Contact factory for pole configuration.

**Base/End Options**

Inches (Millimeters)



1, 3 & 5 Mount End

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

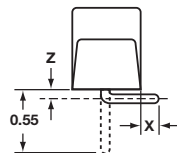
## Series A3000 & LP3000 Single Row Terminal Blocks *Continued*

### Mounting Options Inches (Millimeters)

#### Right Angle Bends (A3, LP3 only)

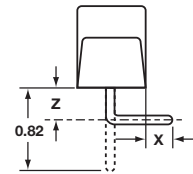
Right angle terminals are offered on the A3000 & LP3000 Series. Configurations are defined in these dimensions: X = pin extension beyond the block base; Z = length from block base to centerline of the terminal tip. Standard bends consist of the X and Z dimensions shown in the chart. Specify by adding the selected Bend Option Code to the terminal part number.

#### 04 Terminal Bend Configurations



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	0.04	0.28	No
R35	0.01	0.23	No
R36	0.02	0.22	No
R39	0.05	0.19	No
R42	0.08	0.16	No
R46	0.12	0.12	No
R48	0.14	0.10	No
R50	0.16	0.08	No

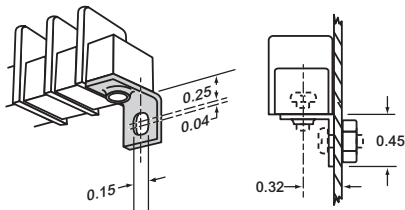
#### 07 Terminal Bend Configurations



Bend Option Code	X (minimum)	Z	Available w/insulator base
R30	0.04	0.55	Yes
R35	0.01	0.50	Yes
R36	0.02	0.49	Yes
R50	0.16	0.35	No
R53	0.19	0.32	No
R66	0.32	0.19	No
R69	0.35	0.16	No
R75	0.41	0.10	No
R77	0.43	0.08	No

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

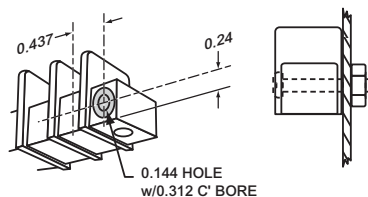
#### Angle Brackets (A3, LP3 only)



#### Option AB

Angle brackets enable block to be fastened at right angles to normal mount position. Bulk part number **2AB-J**.

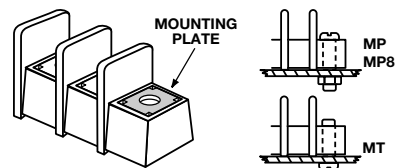
#### Drilled Right Angle (A3, LP3 only)



#### Option DR

Counterbored holes across mount ends of block enable fastening with two screws at right angles to normal mount position.

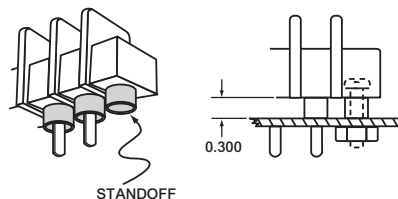
#### Mounting Plates



#### Options MP, MP8 & MT

**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.

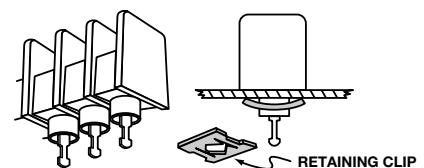
#### Standoffs



#### Option SO

Standoff mounts are tubes molded to the mounting positions. Available with insulator bases only.

#### Retaining Clip



#### Option RC

Use on standoff tubes. Fit panels up to 0.125" thick. Two clips for every five positions. Supplied unassembled. Bulk part number **H541-J**.

Terminal Blocks:  
Single & Double Row

EuroMag Series

Terminal Blocks:  
Base & Rail Mount

Power Distribution  
Blocks

Wire Management  
Products

Edge Connectors,  
One-Strided Boards

Compliance  
References

## Series CB3000

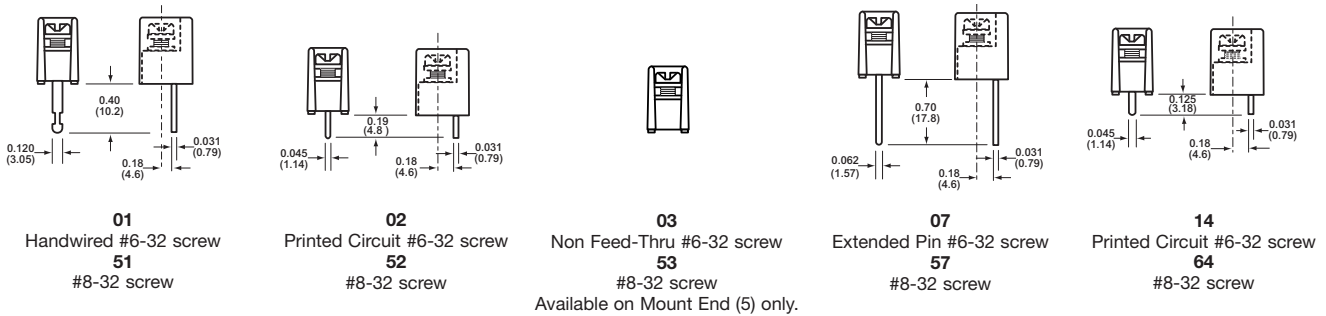
### Single Row Terminal Blocks

#### Part Numbering System

Series	Terminal Style	Base/End	Poles	Screws	Options
<b>CB3</b>					
<b>CB3</b> - closed back	<b>01</b> - handwired #6-32 screw <b>02</b> - printed circuit #6-32 screw <b>03</b> - non feed-thru #6-32 screw <b>07</b> - extended pin #6-32 screw <b>14</b> - printed circuit #6-32 screw <b>51</b> - handwired #8-32* <b>52</b> - printed circuit #8-32* <b>53</b> - non feed-thru #8-32* <b>57</b> - extended pin #8-32* <b>64</b> - printed circuit #8-32*	<b>1</b> - mount end <b>2</b> - barrier end <b>5</b> - closed base/ mount end	<b>02 to 28</b> <b>02 to 26</b> on mount end base	<b>07</b> - steel SEMS (standard) <b>09</b> - brass SEMS nickel-plated <b>CA</b> - SEMS captive	<b>AB</b> - angle mounting brackets (pg 17) <b>A7 to A9</b> - 0.250" QC <b>B7 to B9</b> - 0.187" QC <b>EB</b> - exit back terminals <b>L1 to L6</b> marking options (pg 22) <b>LT1 to LT6</b> marking options (pg 22) † <b>OJ3 &amp; OJ7</b> - over barrier jumpers <b>MP, MP8, MT &amp; MT8</b> mtg. plates (pg 17) <b>S1</b> - solder lug/flat <b>Covers</b> - (pg 23)
	*Note: #8-32 screw is a special with #6-32 head.	Base/End Note: 5 Style only available with 03 terminals.			†Contact factory for configuration.

#### Terminal Styles

Inches (Millimeters)



#### Screw Options



**07**  
Steel SEMS  
Zinc-Plated  
(standard)

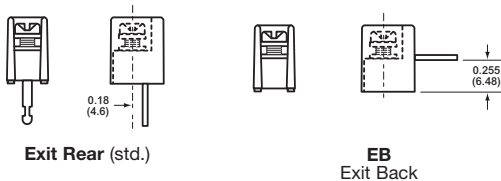


**09**  
Brass SEMS  
Nickel-Plated

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

#### CB3 Terminal Exit Options

Inches (Millimeters)

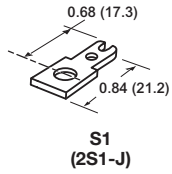


## Series CB3000

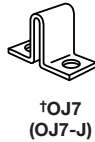
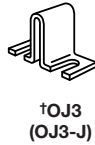
### Single Row Terminal Blocks *Continued*

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

### Solder Lugs

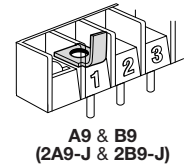
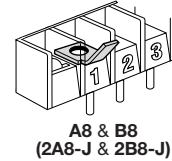
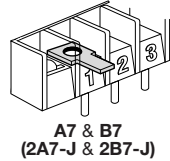


### Jumpers



### Quick Connects

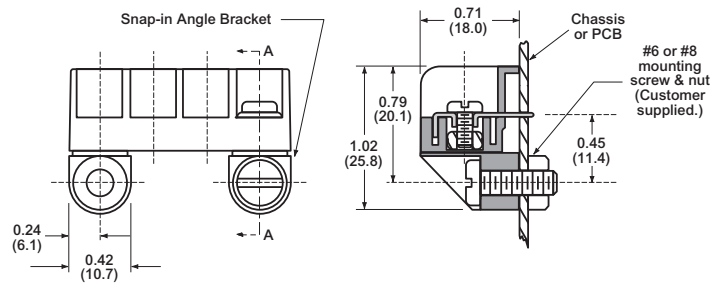
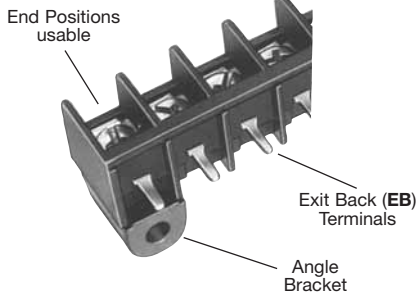
Blade Width A = 0.250". Blade Width B = 0.187".



†Contact factory for pole configuration.

## Mounting Options Inches (Millimeters)

### Right Angle Mounting Bracket

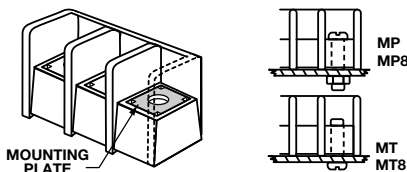


**Option AB**

### 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.

Terminal Blocks:  
Single & Double Row

EuroMag Series

Terminal Blocks:  
Base & Rail Mount

Power Distribution  
Blocks

Wire Management  
Products

Edge Connectors,  
One-Strided Boards

Compliance  
References

**Series A38 / B38**

Single Row Terminal Blocks

**SPECIFICATIONS**

**Rating:** A38: 30A, 600V  
B38: 50A, 300V

**Center Spacing:** 0.437" (11.10mm)

**Wire Range:** A38: #10-22 AWG CU; B38: #8-16 AWG

**Screw Size:** #8-32 zinc-plated steel

**Torque Rating:** A38: 9 lb-in; B38: 15 lb-in for #8, 9 lb-in for #6

**Base:** A38 Only: Standoffs standard for easy flux washing

**Distance Between Barriers:** 0.378" (9.60mm)

**Recommended PCB Hole Diameter (A38):** 0.076" (1.93mm)

**Operating Temperature:** 221°F (105°C)

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

**Breakdown Voltage:** 5000V

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



A382208



B384904

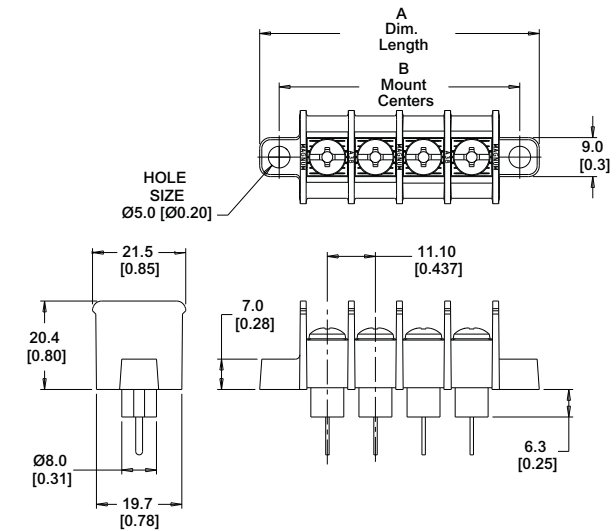
**TABLE A**

Poles	MOUNTING ENDS ONLY		BARRIER ENDS ONLY
	B Mount Ctrs.	"A" Dim. Length	"A" Dim. Length
02	1.31	1.67	0.93
03	1.75	2.10	1.37
04	2.19	2.54	1.81
05	2.62	2.98	2.25
06	3.06	3.41	2.68
07	3.50	3.85	3.12
08	3.93	4.29	3.56
09	4.37	4.72	3.99
10	4.81	5.16	4.43
11	5.24	5.60	4.87
12	5.68	6.04	5.30
13	6.12	6.47	5.74
14	6.56	6.91	6.18
15	6.99	7.35	6.61
16	7.43	7.78	7.05

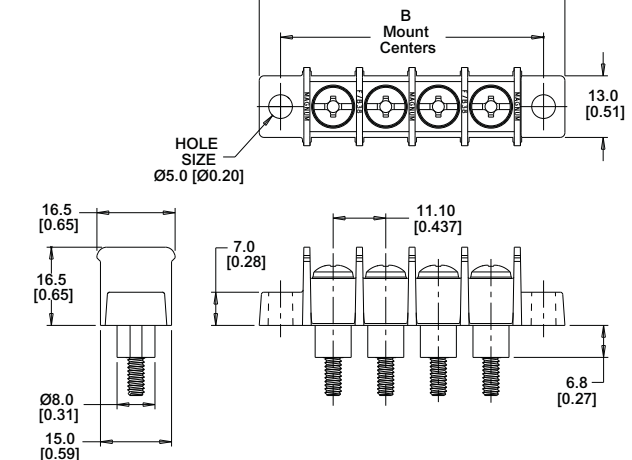
\* Dimensions in inches. To convert to millimeters, multiply by 25.4.

**Dimensions - in (mm)**

**Series A38**



**Series B38**



Terminal Blocks:  
Single & Double Row

EuroMag Series

Terminal Blocks:  
Base & Rail Mount

Power Distribution  
Blocks

Wire Management  
Products

Edge Connectors,  
One-Sided Boards

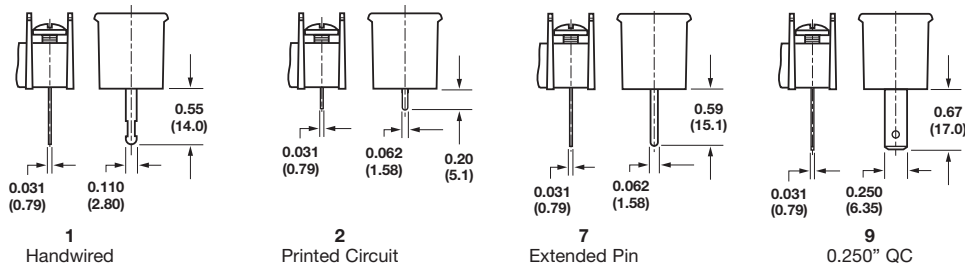
Compliance  
References

## Part Numbering System

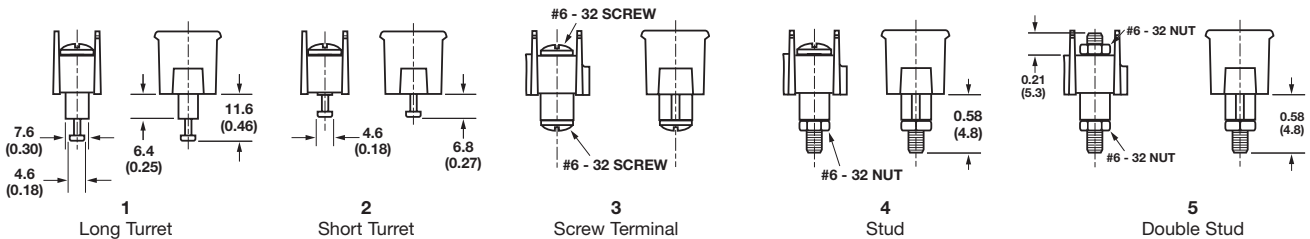
Series	Terminal Style	Base/End	# of Poles	Screw Options	Options
<b>A3B</b>					
	<ul style="list-style-type: none"> <li>0 - 0.187" QC</li> <li>1 - hand wired</li> <li>2 - printed circuit</li> <li>7 - extended wire wrap</li> <li>9 - 0.250" QC</li> </ul>	<ul style="list-style-type: none"> <li>1 - flat base, mount end</li> <li>2 - flat base, barrier end</li> <li>3 - insulator base* mount end</li> <li>4 - insulator base* barrier end</li> </ul> <p>*N/A on 2 terminal style.</p>	02 to 16	<ul style="list-style-type: none"> <li>04 - brass, nickel-plated, philslot BHMS</li> <li>07 - steel, SEMS zinc-plated philslot screw</li> <li>92 - steel, zinc-plated slotted BHMS</li> <li>94 - brass, nickel-plated slotted BHMS (Binding Hard Machine Screw)</li> </ul>	
<b>B3B</b>					
	<ul style="list-style-type: none"> <li>1 - long turret</li> <li>2 - short turret</li> <li>3 - screw terminal #6-32 screw top &amp; bottom)</li> <li>4 - stud (#8-32 screw top, #6-32 stud bottom)</li> <li>†5 - double stud (#6-32 stud top &amp; bottom)</li> <li>†C360 Copper alloy (bright tin plate)</li> </ul>	<ul style="list-style-type: none"> <li>0 - flat base, mount ends</li> <li>4 - insulator base, barrier ends</li> <li>9 - insulator base mount ends</li> </ul>	02 to 16	<ul style="list-style-type: none"> <li>04 - brass, nickel-plated, philslot BHMS #8-32</li> <li>*34 - #6-32 nickel-plated brass philslot BHMS</li> </ul> <p>*Note: 34 screws only *available with 3 terminal style.</p>	

## A38 Terminal Styles Wire ready screws standard

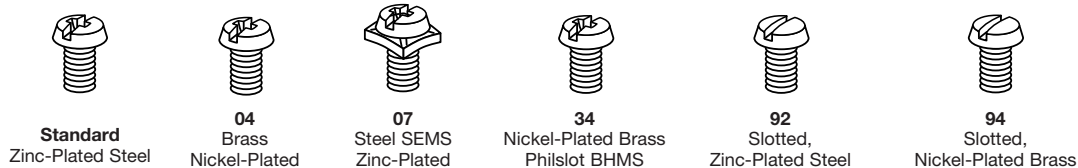
Inches (Millimeters)



## B38 Terminal Styles



## Screw Options





## Series A4000 & Series B4000 Single Row Terminal Blocks

### SPECIFICATIONS

**Rating:** See table.

**Center Spacing:** 0.562" or 9/16" (14.28mm)

**Wire Range:** See rating table.

**Screw Size:** #8-32 or #10-32 zinc-plated slotted screws

**Torque Rating:** #8 screw size 16 lb-in.; #10 screw size 20 lb-in.

**Distance Between Barriers:** 0.47" (11.9mm)

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

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

**Hardware:** Bottom studs supplied with nuts assembled. Cup washers are optional on bottom studs but are not recommended with ring terminals.

**Extended Hex Nuts:** Optional extended, slotted hex nuts enable easier installation and removal with hex wrench or screwdriver. Available in bulk for the #10-32 studs on Series A4953 blocks. Specify part number F582 and quantity.

**Breakdown Voltage:** 6100V

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

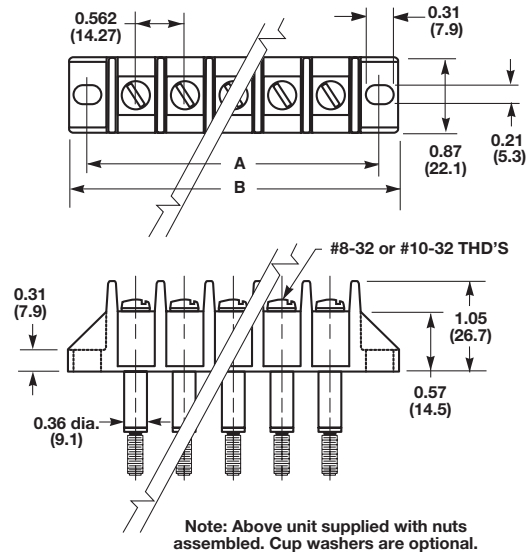
### RATING TABLE

Part Number	Terminal Top	Terminal Bottom	Wire* Range CU	Rated* Volts/Amps
A4003XX	# 8 Screw	#8 Stud	8-16 AWG	150V/50A
A4011XX	# 8 Screw	Solder	10-16 AWG	600V/35A
A4013XX	# 8 Screw	Solder	10-16 AWG	600V/35A
A4021XX	# 8 Screw	0.250 QC	10-16 AWG	600V/35A
A4035XX	# 8 Screw	Closed	8-16 AWG	600V/50A
A4041XX	#10 Screw	Solder	10-16 AWG	600V/35A
A4043XX	#10 Screw	Solder	10-16 AWG	600V/35A
A4051XX	#10 Screw	0.250 QC	10-16 AWG	600V/35A
A4803XX	#10 Screw	#8 Stud	8-16 AWG	150V/50A
A4813XX	#10 Screw	SolderTurret	10-16 AWG	600V/35A
A4843XX	#10 Screw	#8 Screw	8-16 AWG	150V/50A
A4953XX	#10 Stud	#10 Stud	8-16 AWG	150V/50A
B4843XX	#10 Screw	#8 Screw	8-16 AWG	600V/50A

\* All models 30A Max. with 10 AWG;  
35-50A ratings with 8 AWG using ring or fork type terminals.  
Note: 50A rating achieved with #8 copper wire crimped to ring terminal.

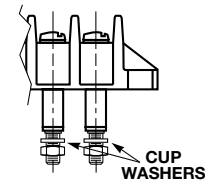


### A4000 Series Dimensions - in (mm)

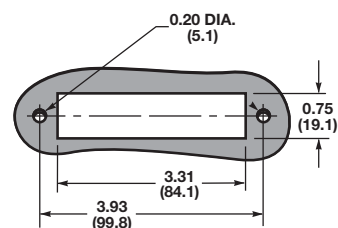


### Optional Cup Washers Assembled

Available on A4003, A4803, A4843, A4953 & B4843.



### Reference Panel Cutout for 6 Position Block



\* 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,  
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Compliance  
References

## Part Numbering System

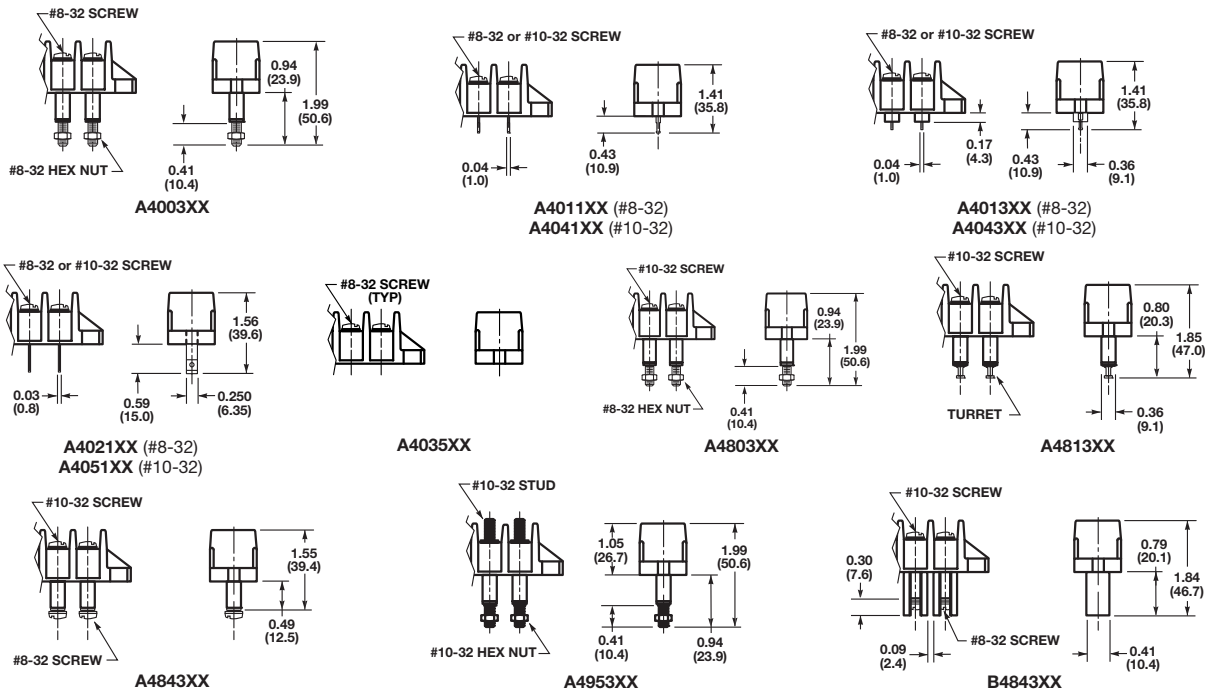
Series	Terminal Style	Base/End	Poles	Screw Options	Options
<b>A4</b>					
<b>B4</b>					
<b>A4</b> - standard	<b>00</b> - screw top; stud bottom	<b>*1</b> - flat base/ mount end		Blank - std. screw	<b>A1 to A9</b> - 0.250" QC
<b>B4</b> - barrier (only available in 84 terminal style)	<b>01</b> - screw top; solder bottom	<b>3</b> - insulator base- (not available in 03 terminal style)		<b>00</b> - screws shipped bulk	<b>†CW</b> - cup washer (pg 20)
	<b>02</b> - #8 screw top; 0.250" QC bottom	<b>5</b> - closed base/ mount end (available in 03 terminal only)		<b>04</b> - brass nickel-plated	<b>J301</b> - flat slip-on jumper (2 position only)
	<b>03</b> - screw top only			<b>07</b> - steel SEMS zinc plated (not available with hardware options; not available on A4003, A4803, A4813, A4843, B4843)	<b>L1 to L6</b> marking options (pg 22)
	<b>04</b> - #10 screw top; solder term. b.				<b>S1 &amp; S2</b> - solder lugs/flat
	<b>05</b> - #10 screw top; 0.250" QC bottom				
	<b>80</b> - screw top; stud bottom #10-32 top, #8-32 bottom insulated base				
	<b>81</b> - screw top; solder turret bottom #10-32				
	<b>84</b> - screw top; screw bottom #10-32				
	<b>95</b> - stud top; stud bottom #10-32				

\*Available in 01, 02, 04 & 05 terminal style only.

† Available only on A4003, A4803, A4843, A4953 & B4843.

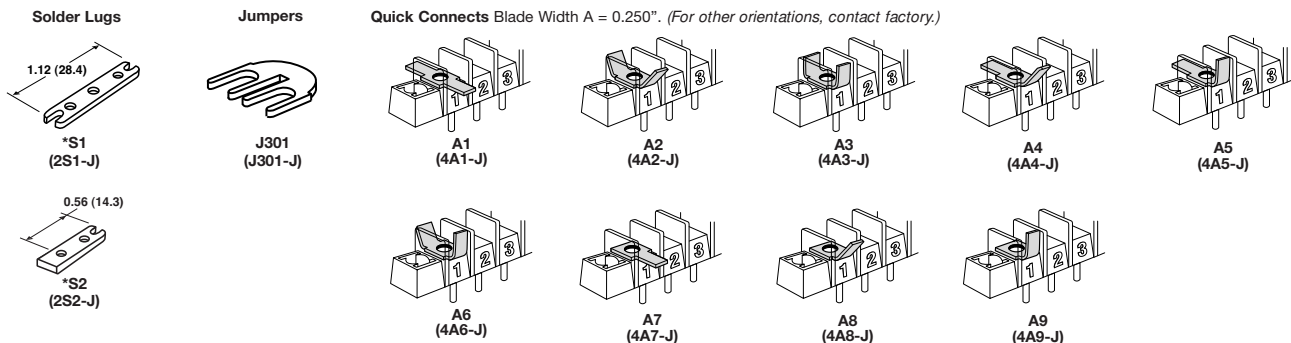
## Terminal Styles

Inches (Millimeters)



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

Inches (Millimeters)



\*Not available for A4843