

Series A3000, LP3000 & CB3000 Single Row Terminal Blocks

SPECIFICATIONS

Rating: A3: 30A, 600V*
 LP3: 30A, 150V
 CB3: 30A, 600V

Center Spacing: .437" or 7/16" (11.10 mm)

Wire Size: #12-22 AWG CU

Screw Size: #6-32 zinc plated phillslot screws.

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: 3500V rms (A3 & LP3); 8200V rms (CB3)

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

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

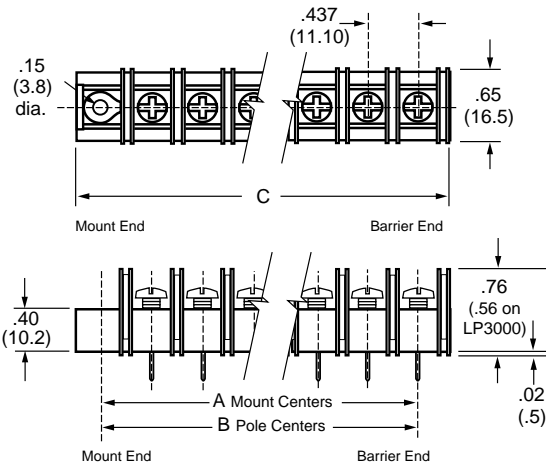
A31940707WR

LP30110507

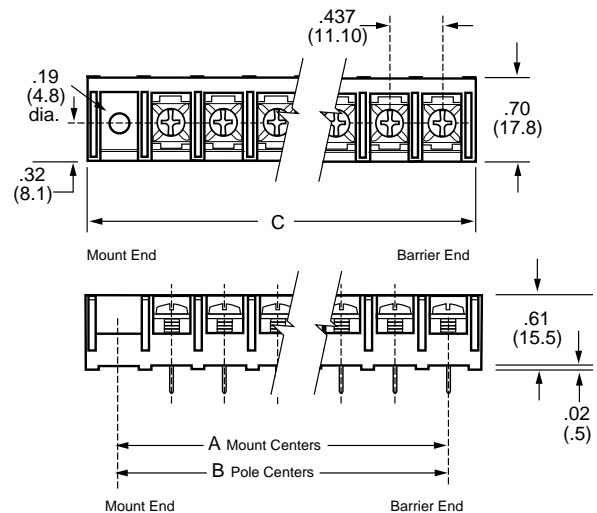
CB31420807



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	.43	.98
03	1.75	2.17	.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.

MAGNUM®

Series A3000 & LP3000 Single Row Terminal Blocks

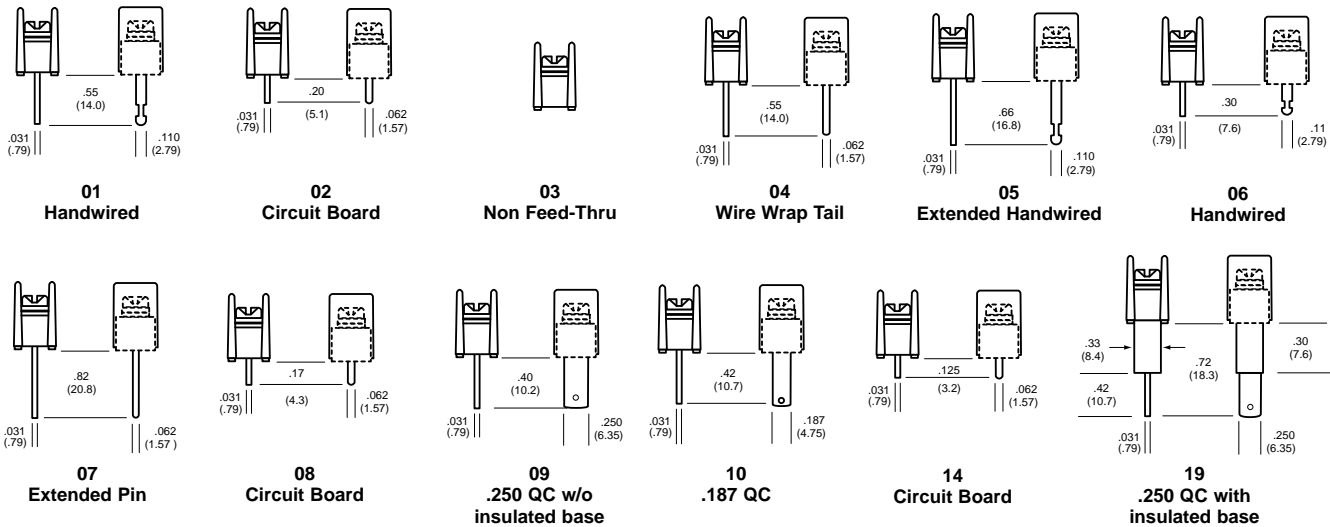
Part Numbering System

Series	Terminal Style	Base/End (Views pg. 15)	Poles	Screw Options	Options
A3 - standard barrier LP3 - low profile barrier	01 - handwired 02 - printed circuit 03 - non feed-thru 04 - wire wrap tail 06 - handwired 07 - extended pin 08 - printed circuit 09 - .250 QC w/o insulated base 10 - .187 QC 14 - printed circuit 19 - .250 QC with insulated base	1 - flat base/mnt. end 2 - flat base/barrier end 3 - insulator base/mnt. end 4 - insulator base/barrier end 5 - closed base/mount end	02 to 28 02 to 26 on mount end base	Blank - std. screw 00 - screws shipped bulk 03 - stainless steel 04 - brass nickel plated 07 - steel SEMS zinc plated (not available with hardware options) 09 - brass SEMS nickel plated (not available with hardware options) 03CA - stainless steel captive 04CA - brass captive 07CA - SEMS captive 09CA - brass SEMS captive 07WR - steel SEMS wire ready (N/A on LP3)	AB - angle mnt. options (pg 16) A1 to A9 - .250" QC B1 to B9 - .187" QC DR - drilled right angle (pg 16) J201 - flat slip-on jumper L1 to L6 marking options (pg 23) MP, MP8 & MT mounting plates (pg 16) OJ3 & OJ4 - over barrier jumpers RC - retaining clips (pg 16) R30 to R77 - right angle bends (pg 16) SO - stand off insulators (pg 16) S1 - solder lug/flat

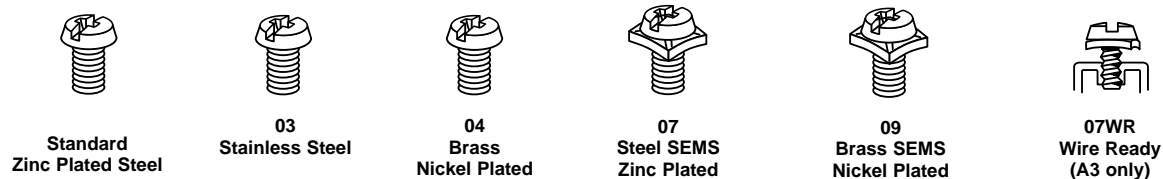
Base/End Note: 3, 4 styles not available with 02, 03, 06, 08, 09 & 14 terminals.
5 Style only available with 03 terminals.

Terminal Styles

Inches (Millimeters)



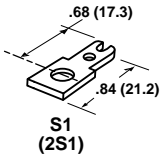
Screw Options



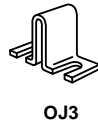
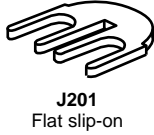
Hardware Options (Bulk ordering part numbers are in parentheses.)

Inches (Millimeters)

Solder Lugs

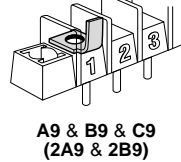
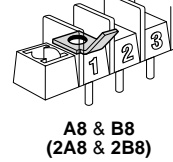
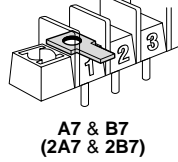
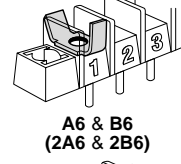
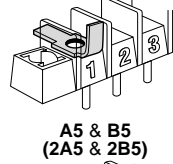
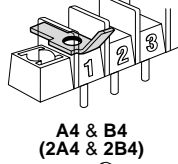
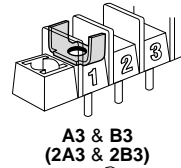
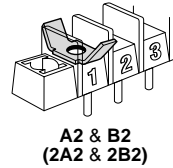
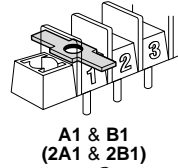


Jumpers

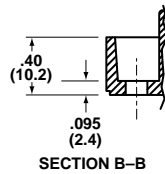
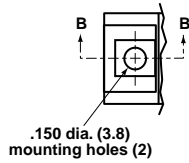


Quick Connects

Blade Width A = .250" Blade Width B = .187"



Base/End Options



1, 3 & 5 Mount Ends