

## 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
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
A4803XX	#10 Screw	#8 Stud	8-16 AWG	150V/50A
A4813XX	#10 Screw	Solder Turret	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

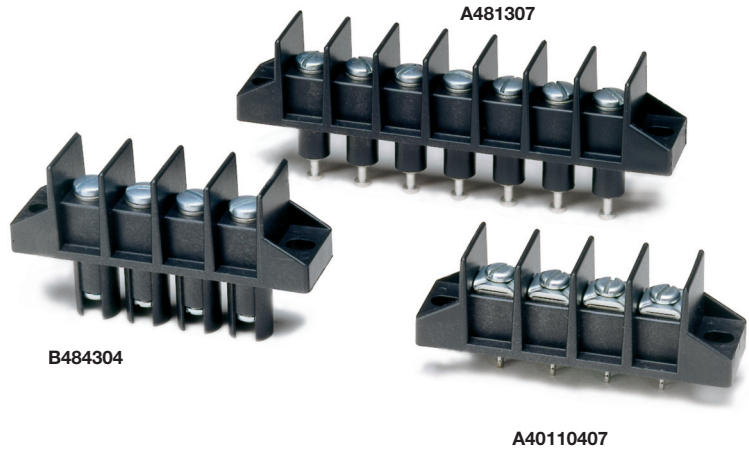
\* All models 30A Max. with 10 AWG;

35-50A ratings with 8 AWG using ring or fork type terminals.

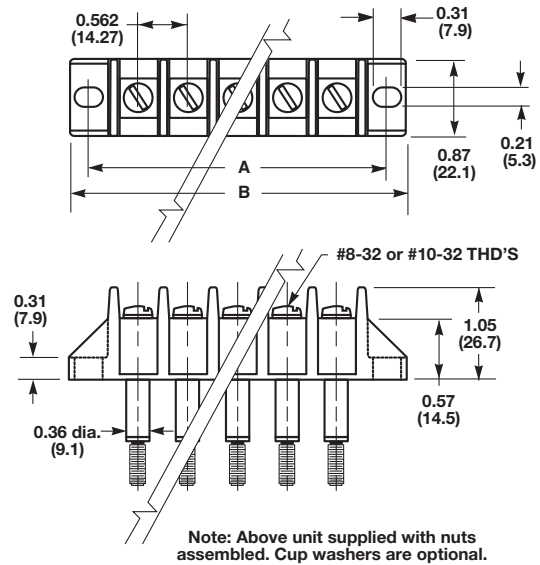
Note: 50A rating achieved with #8 copper wire crimped to ring terminal.

Poles	A (in.) Mount Centers	B (in.) Length
2	1.69	2.12
3	2.25	2.68
4	2.81	3.24
5	3.37	3.80
6	3.93	4.36
7	4.50	4.93
8	5.06	5.34
9	5.62	6.05
10	6.18	6.61
11	6.74	7.17
12	7.31	7.74
13	7.87	8.30
14	8.43	8.86
15	8.99	9.44
16	9.55	9.98
17	10.12	10.55
18	10.68	11.11

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

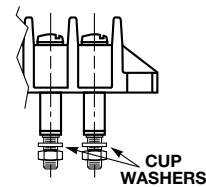


### A4000 Series Dimensions - in (mm)

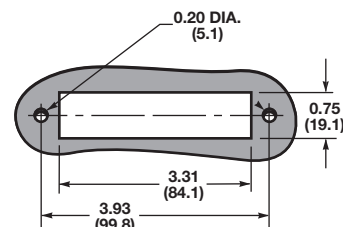


### Optional Cup Washers Assembled

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



### Reference Panel Cutout for 6 Position Block



Terminal Blocks:  
Single & Double Row

EuroMag Series

Terminal Blocks:  
Panel & Rail Mount

Power Distribution  
Blocks

Wire Management  
Products

Edge Connectors,  
One-Sided Boards

Compliance  
References

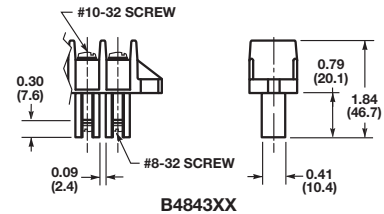
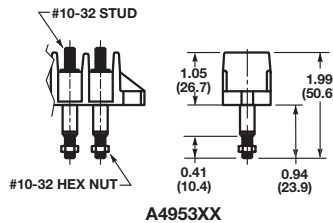
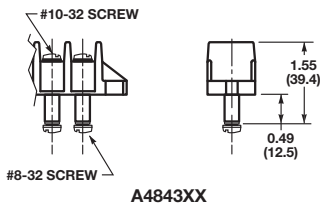
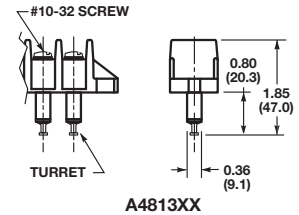
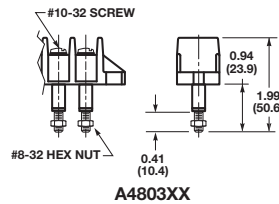
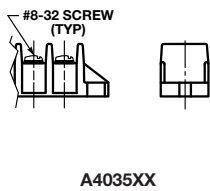
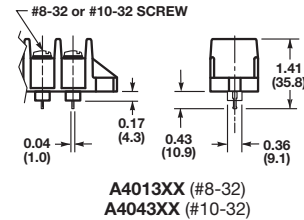
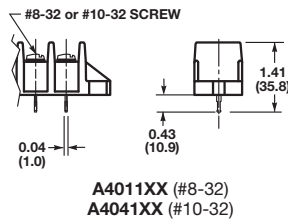
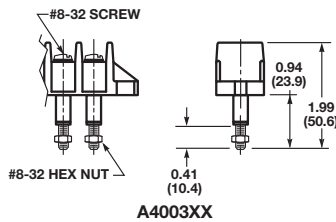
Part Numbering System

Series	Terminal Style	Base/End	Poles	Screw Options	Options
<b>A4</b>					
<b>B4</b>	00 - screw top; stud bottom 01 - screw top; solder bottom 03 - screw top only 04 - #10 screw top; solder term. b. 80 - screw top; stud bottom #10-32 top, #8-32 bottom insulated base 81 - screw top; solder turret bottom #10-32 84 - screw top; screw bottom #10-32 95 - stud top; stud bottom #10-32	*1 - flat base/mount end 3 - insulator base- (not available in 03 terminal style) /mount end 5 - closed base/mount end (available in 03 terminal only)		Blank - std. screw 00 - screws shipped bulk 04 - brass nickel-plated 07 - steel SEMS zinc plated (not available with hardware options; only available on A4011, A4013, A4021 and A4035)	A1 to A9 - 0.250" QC CW - cup washer (pg 25) L1 to L6 marking options (pg 27) S1 & S2 - solder lugs/flat J301** - flat slip-on jumper (2 position only)
A4 - standard B4 - barrier (only available in 84 terminal style)					Covers - (pg 28)
					† Available only on A4003, A4803, A4843, A4953 & B4843.

\*Available in 01, 02, 04 & 05 terminal style only.  
\*\*Consult factory for configuration.

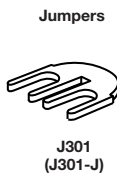
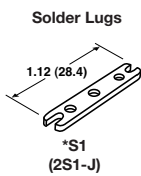
Terminal Styles

Inches (Millimeters)

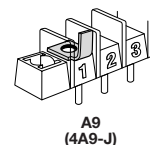
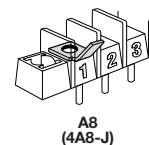
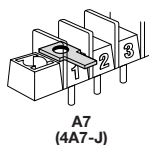
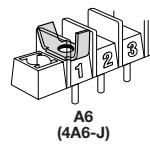
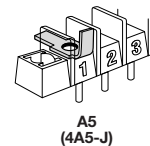
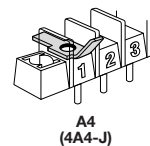
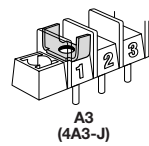
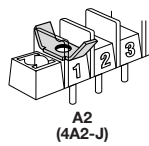
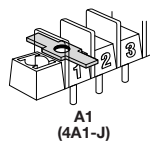


Hardware Options (Bulk ordering part numbers are in parentheses)

Inches (Millimeters)



Quick Connects Blade Width A = 0.250". (For other orientations, contact factory.)



\*Not available for A4843

Terminal Blocks: Single & Double Row

EuroMag Series

Terminal Blocks: Panel & Rail Mount

Power Distribution Blocks

Wire Management Products

Edge Connectors, One-Sided Boards

Compliance References

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Eaton:

[A400303](#) [B484306](#) [A400302](#) [A400305](#) [A400306](#) [A400308](#) [A401102](#) [A401103](#) [A401104](#) [A401106](#) [A401108](#)  
[A401110](#) [A401116](#) [A401302](#) [A401303](#) [A401304](#) [A403503](#) [A403504](#) [A403505](#) [A480302](#) [A480306](#) [A481302](#)  
[A481305](#) [A481308](#) [A481314](#) [A481316](#) [A484303](#) [A484304](#) [A484305](#) [A484306](#) [A484308](#) [A484310](#) [A484312](#)  
[A495302](#) [A495303](#) [A495304](#) [A495305](#) [A495306](#) [A495310](#) [A495312](#) [B484302](#) [B484304](#) [B484305](#) [B484307](#)  
[B484308](#) [B484310](#) [B484312](#) [A404306](#) [A401309](#) [A484307](#) [A481303](#) [A401112](#) [A484302](#) [A404106](#) [A404102](#)  
[A403506](#) [B484303](#) [A481304](#) [A480303](#) [A481310](#) [A404303](#) [A400304](#) [A495308](#) [A481306](#) [A404104](#) [A401306](#)  
[A404108](#) [A400311](#) [B484309](#) [B484314](#) [A404103](#) [A401314](#) [A404304](#) [A403502](#) [A481312](#) [A480304](#) [A404302](#)