

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

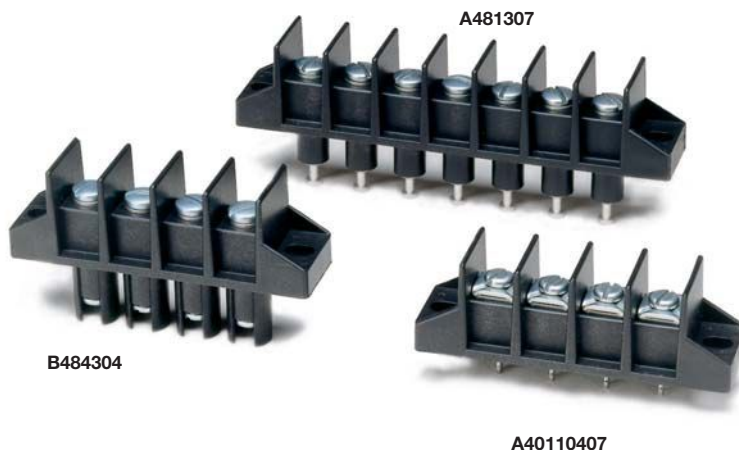
* All models 30A Max. with 10 AWG;

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

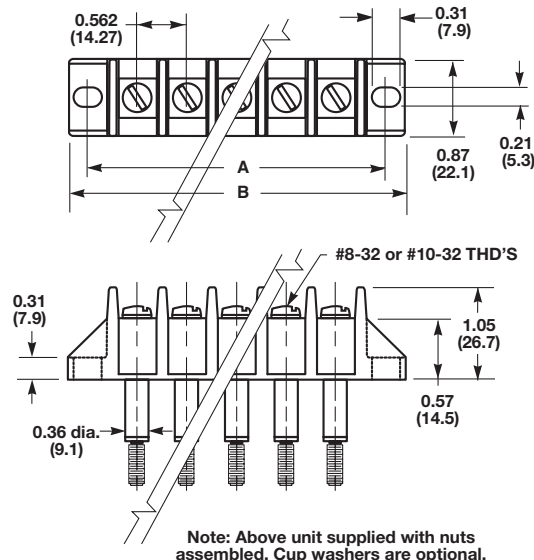
Note: 50A rating achieved with #8 copper wire crimped to ring terminal.

Poles	A (in.) Mount Centers	B (in.) Length
2	1.690	2.120
3	2.255	2.685
4	2.820	3.250
5	3.385	3.817
6	3.950	4.382
7	4.515	4.947
8	5.080	5.513
9	5.645	6.078
10	6.212	6.644
11	6.777	7.210
12	7.342	7.775
13	7.908	8.340
14	8.473	8.905
15	9.038	9.470
16	9.605	10.035
17	10.170	10.600
18	10.735	11.167

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

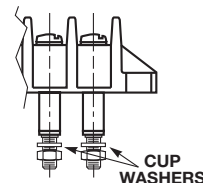


A4000 Series Dimensions - in (mm)

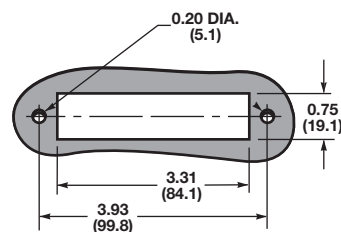


Optional Cup Washers Assembled

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



Reference Panel Cutout for 6 Position Block



Part Numbering System

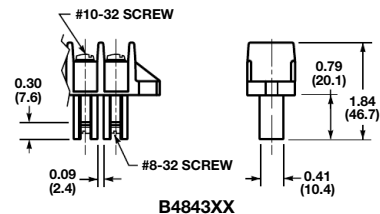
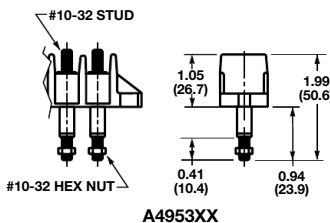
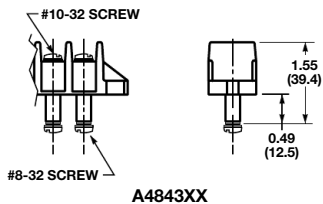
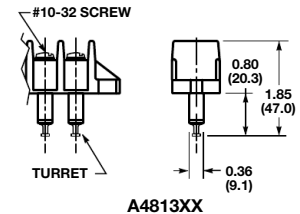
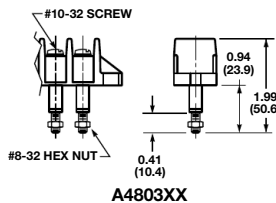
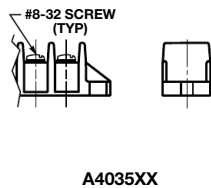
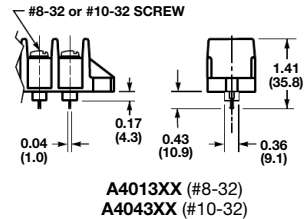
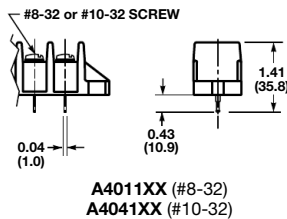
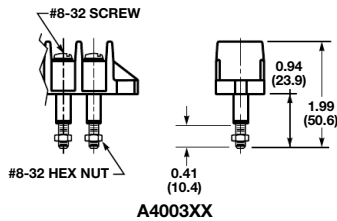
Series	Terminal Style	Base/End	Poles	Screw Options	Options
A4					
B4					
A4 - standard	00 - screw top; stud bottom	*1 - flat base/ mount end		Blank - std. screw	A1 to A9 - 0.250" QC
B4 - barrier (only available in 84 terminal style)	01 - screw top; solder bottom	3 - insulator base- (not available in 03 terminal style) /mount end		00 - screws shipped bulk	†CW - cup washer (pg 23)
	03 - screw top only	5 - closed base/ mount end (available in 03 terminal only)		04 - brass nickel-plated	L1 to L6 marking options (pg 25)
	04 - #10 screw top; solder term. b.			07 - steel SEMS zinc plated (not available with hardware options; only available on A4011, A4013, A4021 and A4035)	S1 & S2 - solder lugs/flat
	80 - screw top; stud bottom #10-32 top, #8-32 bottom insulated base				J301** - flat slip-on jumper (2 position only)
	81 - screw top; solder turret bottom #10-32				
	84 - screw top; screw bottom #10-32				Covers - (pg 26)
	95 - stud top; stud bottom #10-32				

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

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

Terminal Styles

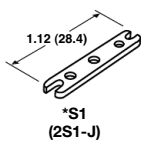
Inches (Millimeters)



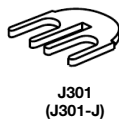
Hardware Options (Bulk ordering part numbers are in parentheses)

Inches (Millimeters)

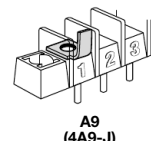
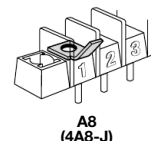
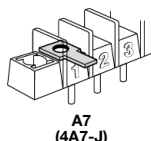
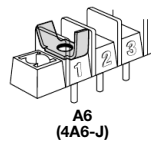
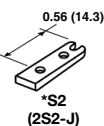
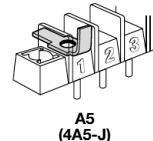
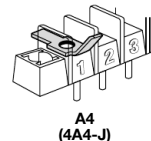
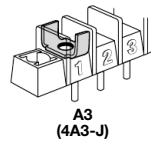
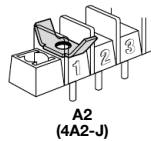
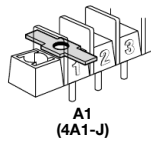
Solder Lugs



Jumpers



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



*Not available for A4843