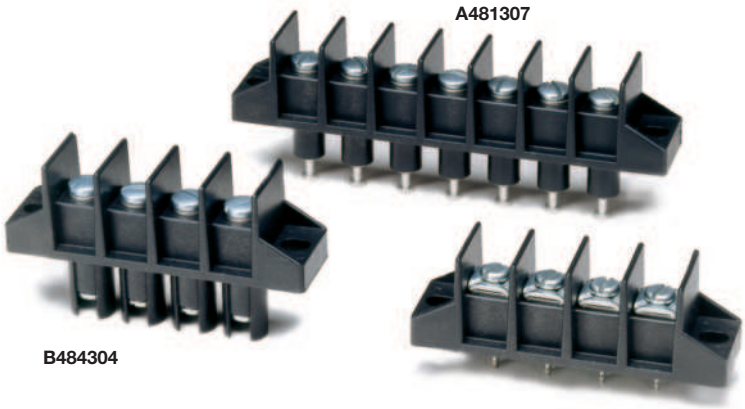
Series A4000 & Series B4000

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

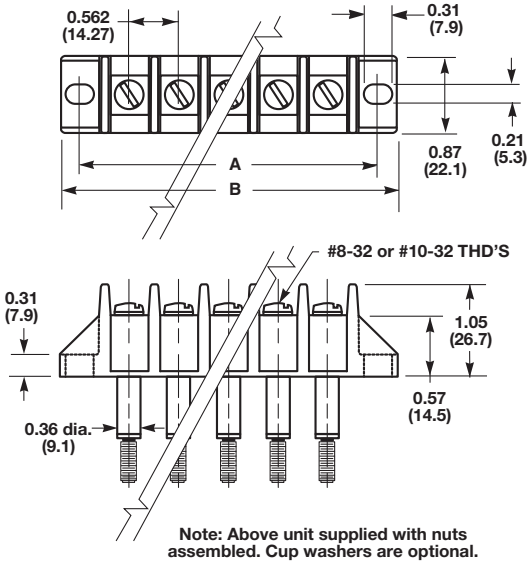
Part Number	Terminal Top	Terminal Bottom	Wire* Range Cu	Ratings* Volts/Amps
A4003XX	# 8 Screw	#8 Stud	8-16 AWG	150V/50A
A4011XX	# 8 Screw	Solder	10-16 AWG	600V/35A
A4013XX	# 8 Screw	Solder	10-16 AWG	600V/35A
A4035XX	# 8 Screw	Closed	8-16 AWG	600V/50A
A4041XX	#10 Screw	Solder	10-16 AWG	600V/35A
A4043XX	#10 Screw	Solder	10-16 AWG	600V/35A
A4803XX	#10 Screw	#8 Stud	8-16 AWG	150V/50A
A4813XX	#10 Screw	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.

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.

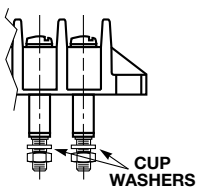
A4000 Series Dimensions - in (mm)



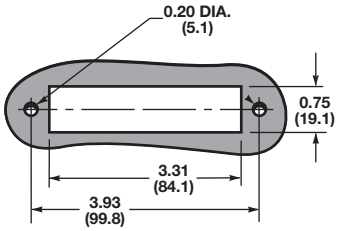
Note: Above unit supplied with nuts assembled. Cup washers are optional.

Optional Cup Washers Assembled

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



Reference Panel Cutout for 6 Position Block



Part Numbering System

Series

A4
B4

A4 - standard
B4 - barrier (only available in 84 terminal style)

Terminal Style

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

Base/End

***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

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

Poles

02 to **18**

Screw Options

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)

Options

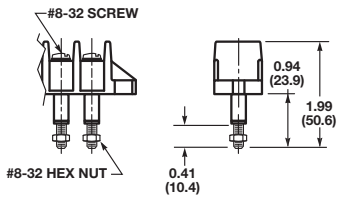
A1 to **A9** - 0.250" QC
†**CW** - cup washer (pg 25)
L1 to **L6** marking options (pg 27)
S1 & S2 - solder lugs/flat
J301** - flat slip-on jumper (2 position only)

Covers - (pg 28)

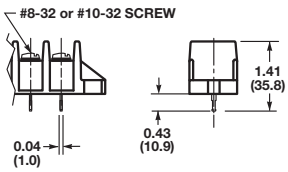
† Available only on A4003, A4803, A4843, A4953 & B4843.

Terminal Styles

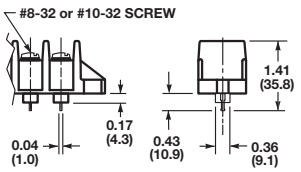
Inches (Millimeters)



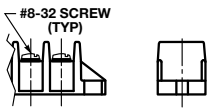
A4003XX



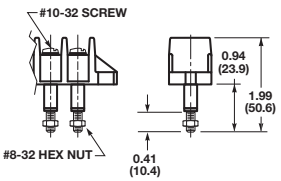
A4011XX (#8-32)
A4041XX (#10-32)



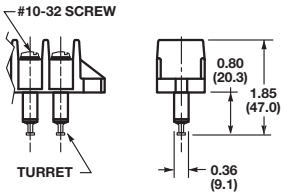
A4013XX (#8-32)
A4043XX (#10-32)



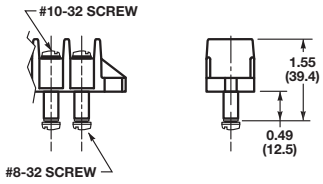
A4035XX



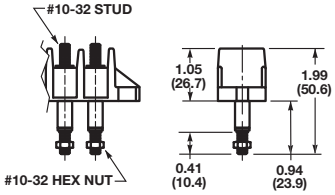
A4803XX



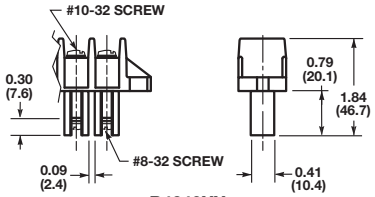
A4813XX



A4843XX



A4953XX

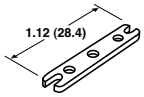


B4843XX

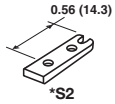
Hardware Options (Bulk ordering part numbers are in parentheses)

Inches (Millimeters)

Solder Lugs



***S1**
(2S1-J)



***S2**
(2S2-J)

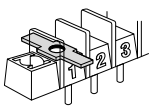
*Not available for A4843

Jumpers

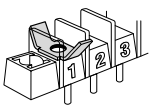


J301
(J301-J)

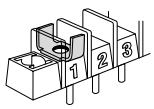
Quick Connects Blade Width A = 0.250". *(For other orientations, contact factory.)*



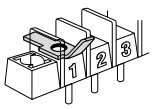
A1
(4A1-J)



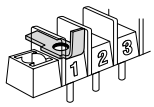
A2
(4A2-J)



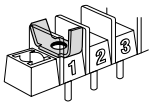
A3
(4A3-J)



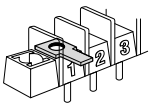
A4
(4A4-J)



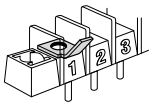
A5
(4A5-J)



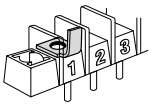
A6
(4A6-J)



A7
(4A7-J)



A8
(4A8-J)



A9
(4A9-J)