

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

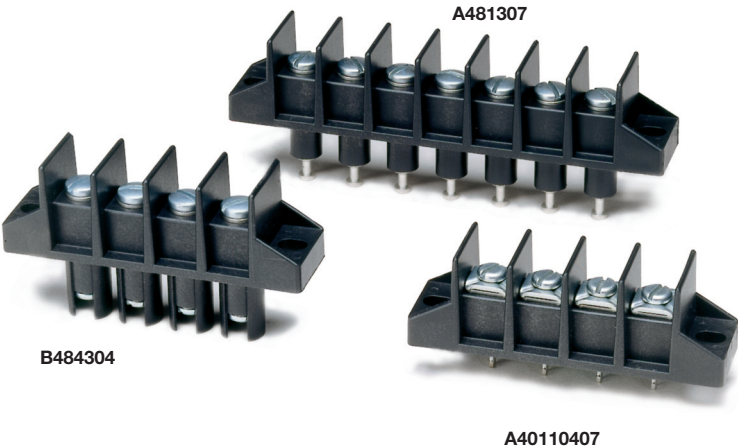
RATING TABLE

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	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

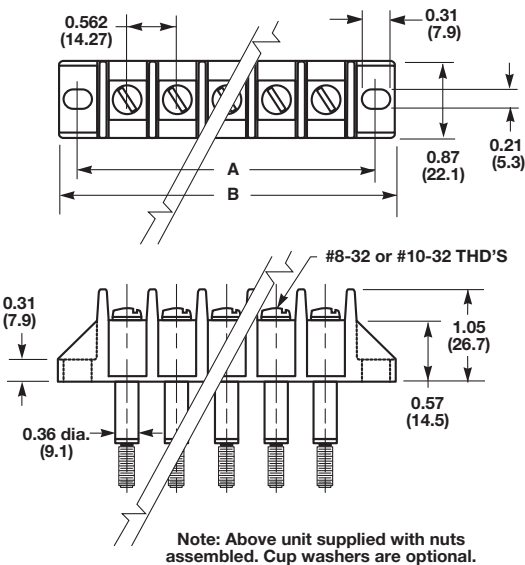
* All models 30A Max. with 10 AWG;
35-50A ratings with 8 AWG using ring or fork type terminals.
Note: 50A rating achieved with #8 copper wire crimped to ring terminal.

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.

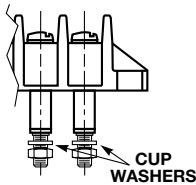


A4000 Series Dimensions - in (mm)

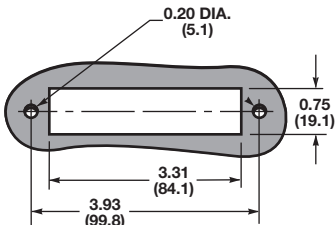


Optional Cup Washers Assembled

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



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)

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)

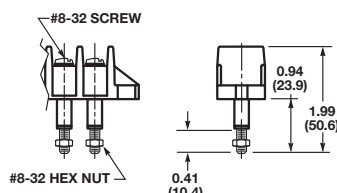
† Available only on A4003, A4803,
A4843, A4953 & B4843.

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

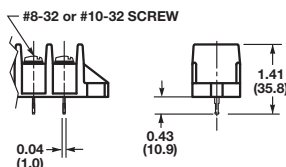
**Consult factory for configuration.

Terminal Styles

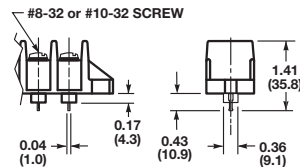
Inches (Millimeters)



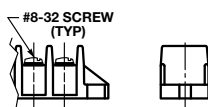
A4003XX



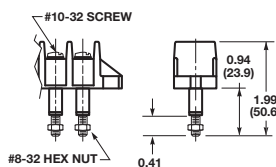
A4011XX (#8-32)
A4041XX (#10-32)



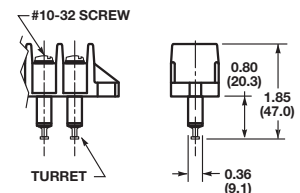
A4013XX (#8-32)
A4043XX (#10-32)



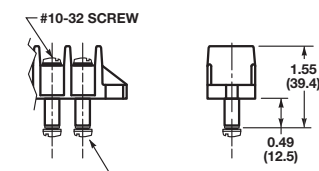
A4035XX



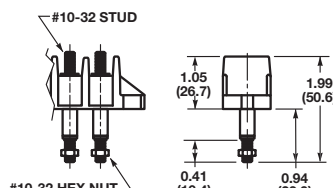
A4803XX



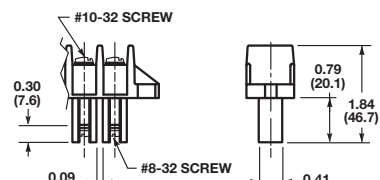
A4813XX



A4843XX



A4953XX

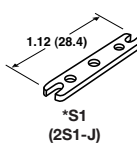


B4843XX

Hardware Options (Bulk ordering part numbers are in parentheses)

Inches (Millimeters)

Solder Lugs



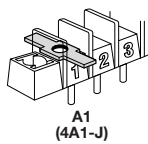
*S1
(2S1-J)

Jumpers

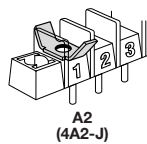


J301
(J301-J)

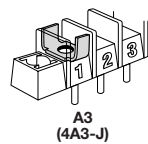
Quick Connects Blade Width A = 0.250". (For other orientations, contact factory.)



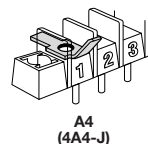
A1
(4A1-J)



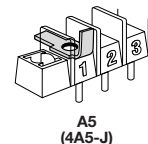
A2
(4A2-J)



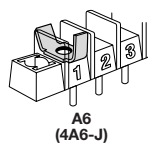
A3
(4A3-J)



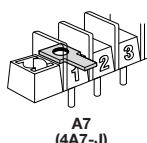
A4
(4A4-J)



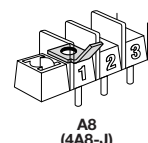
A5
(4A5-J)



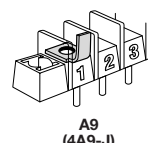
A6
(4A6-J)



A7
(4A7-J)



A8
(4A8-J)



A9
(4A9-J)

*Not available for A4843