

## Single Row Terminal Blocks

# A & B4

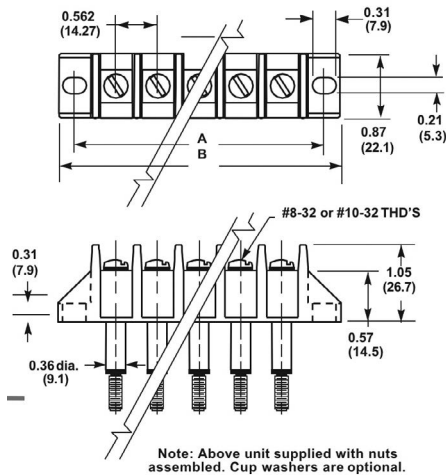
### A4

A400303



### B4

B484302



### 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             |
| 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.

### 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.

**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 A4953 blocks. Specify part number F582 and quantity.

**Breakdown Voltage:** 6100V

**Agency Information:** UL File E62622, CSA File 47235; CE Certified

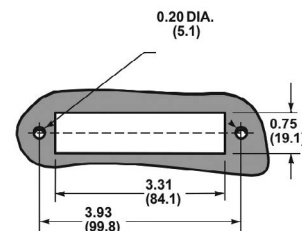
### Dimensions Inches (Millimeters)

#### MOUNTING ENDS ONLY

| Poles | "A"<br>Mounting Centers | "B"<br>Dimension Length |
|-------|-------------------------|-------------------------|
| 02    | 1.690                   | 2.120                   |
| 03    | 2.255                   | 2.685                   |
| 04    | 2.820                   | 3.250                   |
| 05    | 3.385                   | 3.817                   |
| 06    | 3.950                   | 4.382                   |
| 07    | 4.515                   | 4.947                   |
| 08    | 5.080                   | 5.513                   |
| 09    | 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                  |

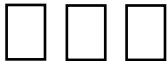
Dimensions in inches. To convert to millimeters, multiply by 25.4.

### Reference Panel Cutout for 6 Position Block



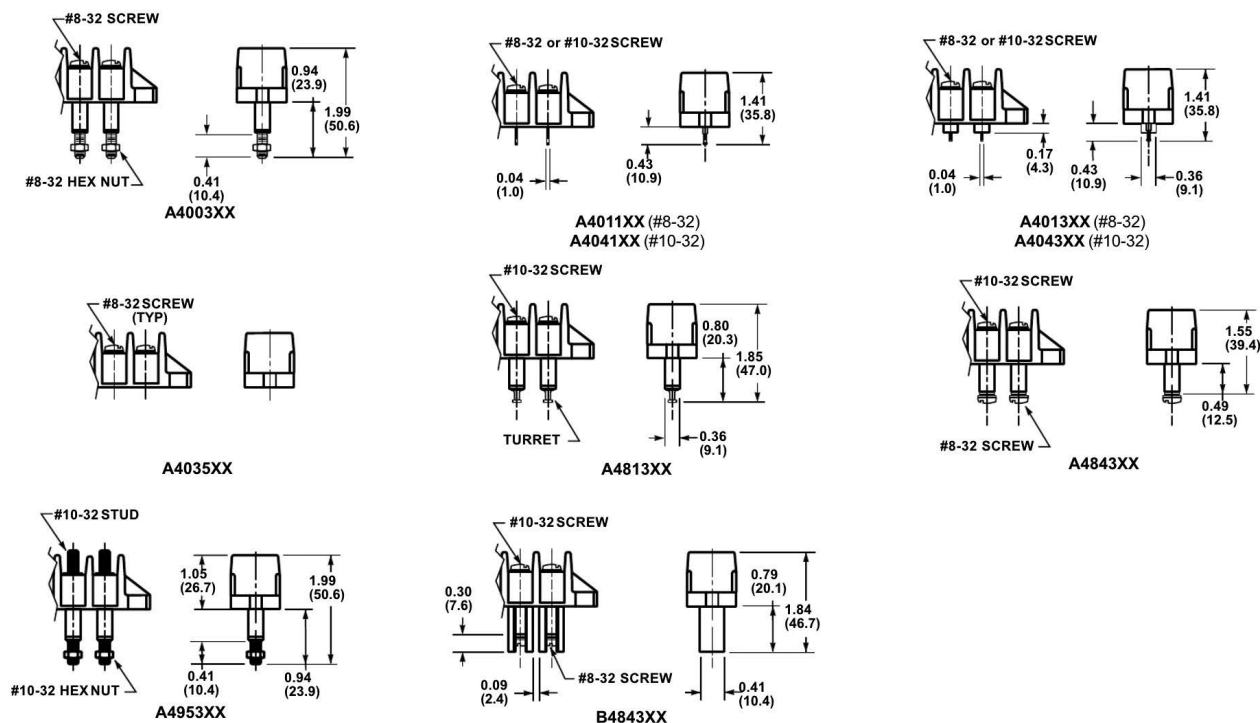
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## Part Numbering System

| Family                                                                           | Terminal Style                                                                    | Base/End                                                                           | Poles                                                                             | Screw Options                                                                                                                            | Options                                                                             |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |   |  |                                                       |  |
| <b>A4</b>                                                                        | <b>00</b> - screw top; stud bottom                                                | <b>*1</b> - flat base/<br>mount end                                                | <b>02 to 16</b>                                                                   | <b>Blank</b> - std. screws                                                                                                               | <b>A1 to A9</b> 0.250"<br>QC                                                        |
| <b>B4</b>                                                                        | <b>01</b> - screw top; solder bottom                                              | <b>3</b> - insulator base-<br>(not available<br>in 03 terminal<br>style)/mount end |                                                                                   | <b>00</b> - screws shipped<br>bulk                                                                                                       | <b>L1 to L6</b> marking<br>options (pg 25)                                          |
|                                                                                  | <b>03</b> - screw top only                                                        | <b>5</b> - closed base/<br>mount end<br>(available in 03<br>terminal only)         |                                                                                   | <b>04</b> - brass nickel-<br>plated†                                                                                                     | <b>Covers</b> - (pg 26)                                                             |
|                                                                                  | <b>04</b> - #10 screw top; solder<br>term. b.                                     |                                                                                    |                                                                                   | <b>07</b> - steel SEMS zinc<br>plated (not available<br>with hardware options;<br>only available on A4011,<br>A4013, A4021 and<br>A4035) |                                                                                     |
|                                                                                  | <b>81</b> - screw top; solder turret<br>bottom #10-32                             |                                                                                    |                                                                                   |                                                                                                                                          |                                                                                     |
|                                                                                  | <b>84</b> - screw top; screw bottom<br>#10-32                                     |                                                                                    |                                                                                   |                                                                                                                                          |                                                                                     |
|                                                                                  | <b>95</b> - stud top*, stud bottom                                                |                                                                                    |                                                                                   |                                                                                                                                          |                                                                                     |

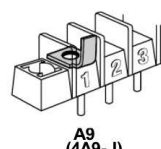
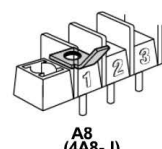
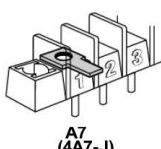
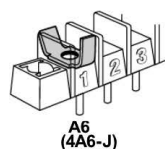
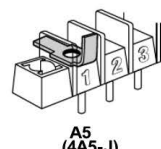
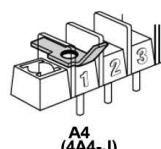
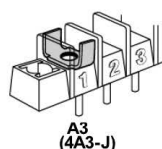
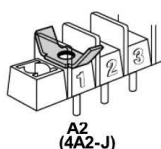
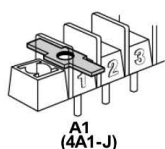
\* Available in 01, 04 terminal styles only

## Terminal Styles Inches (Millimeters)



## Hardware Options Inches (Millimeters)

(Bulk ordering part numbers are in parentheses)



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