

## Double Row Terminal Blocks

### Series TB300 & TB345

#### Specifications

**Description:** Double row terminal blocks.

#### Ratings:

Volts: — 600V\*

Amps: — 30A\* (TB300)

— 45A (TB345)

**Center Spacing:** 0.562" or 9/16" (14.28mm)

**Wire Range:** #8 - 22 AWG Cu

**Screw Size:** TB300 – #8-32 phillslot screws

TB345 – #10-32 phillslot screws

**Torque Rating:** #8 screws - 16 lb-in. ;

#10 screws - 20 lb-in.

**Distance Between Barriers:** 0.41" (10.5mm)

**Mounting:** TB300 – #8 screws; TB345 – #10 screws

**Operating Temperature:** 130°C (266°F) max., -40°C (-40°F) min.

**Material:** Molded base: Black, UL rated 94V0 thermoplastic

Terminal plating: Tin over brass; Screws: zinc-plated steel

**Breakdown Voltage:** 7500V

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

\* Max rating shown; some options may be rated lower - consult Cooper Bussmann.

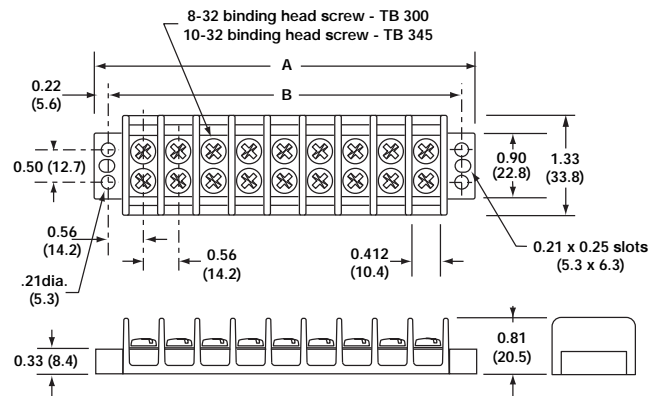
#### Dimensions - in

| Poles | A    | B    | Poles | A     | B     | Poles | A     | B     |
|-------|------|------|-------|-------|-------|-------|-------|-------|
| 02    | 2.13 | 1.69 | 10    | 6.62  | 6.19  | 18    | 11.12 | 10.68 |
| 03    | 2.69 | 2.25 | 11    | 7.18  | 6.75  | 19    | 11.68 | 11.25 |
| 04    | 3.25 | 2.81 | 12    | 7.75  | 7.31  | 20    | 12.24 | 11.81 |
| 05    | 3.81 | 3.37 | 13    | 8.31  | 7.87  | 21    | 12.80 | 12.37 |
| 06    | 4.37 | 3.94 | 14    | 8.87  | 8.44  | 22    | 13.37 | 12.93 |
| 07    | 4.94 | 4.50 | 15    | 9.43  | 9.00  | 23    | 13.93 | 13.50 |
| 08    | 5.50 | 5.06 | 16    | 9.99  | 9.56  | 24    | 14.49 | 14.06 |
| 09    | 6.06 | 5.62 | 17    | 10.56 | 10.12 |       |       |       |

1" = 25.4mm.



TB300 & TB345 - in (mm)

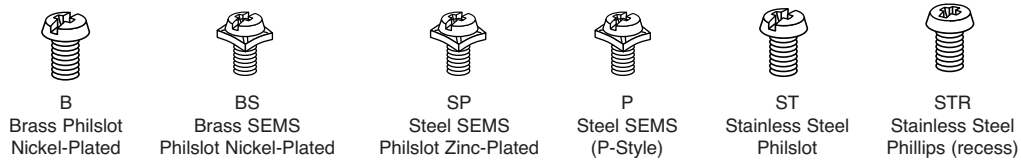


#### Catalog Number Build-A-Code

| Series  | Poles   | Screw Options  | Marking/Cover  | Hardware Options   |
|---|---|--|--|--|
| TB <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>   | <input type="checkbox"/> <input type="checkbox"/>                                | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                                |
| 300 = 8-32 screw<br>345 = 10-32 screw   | 02 to 24  | Blank = Steel phillslot, zinc-plated<br>00 = Screws shipped bulk<br>B = Brass phillslot, nickel-plated<br>BS = Brass Sems phillslot, nickel-plated (TB300 only)<br>SP = Steel Sems phillslot, zinc-plated<br>P = Steel Sems (P-style)<br>ST = Stainless steel, phillslot<br>STR = Stainless steel, phillips (recess) | L1 to L6 Marking Strips (pg 318)<br>Special Markings (pg 318)<br>Covers (pg 318) | QC1 to QC20 = Quick connects (TB300 only)<br>J301 = Flat slip-on jumper<br>OJ6 = Over barrier jumper<br>OJ11 = Over barrier jumper |

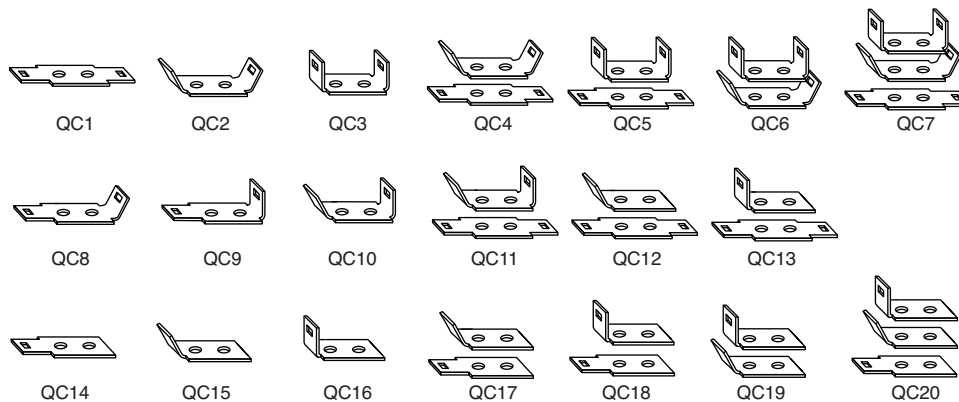
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### Screw Options

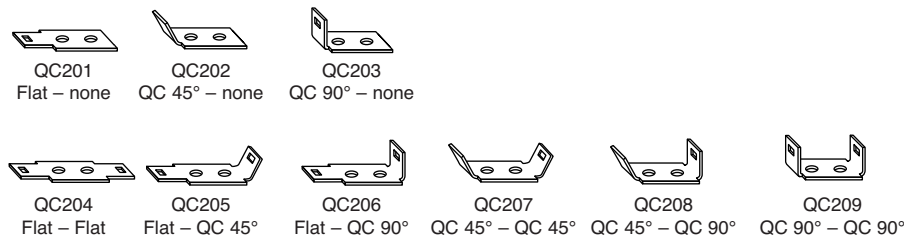


### Hardware Options

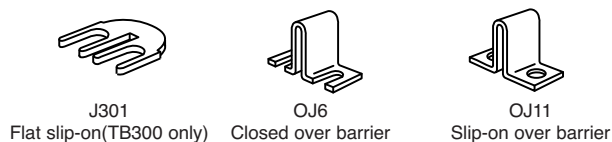
**Quick Connects – Assembled:** TB300 only. Terminals 0.25" x 0.031". Maximum current rating 20 amps. For other orientations, contact Cooper Bussmann.



**Quick Connects – Bulk:** (\*TB300 only) minimum order per part number. – 100 pieces.



**Jumpers – Bulk:** minimum order per part number – 100 pieces. Contact Cooper Bussmann for jumper assembly.



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