

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.

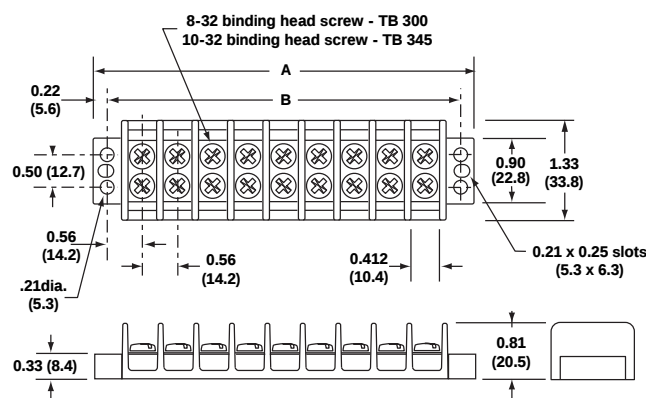
Dimensions - in

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)

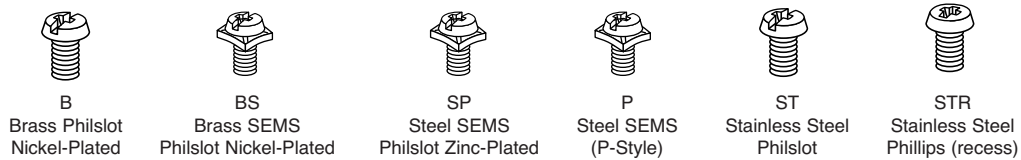


Catalog Number Build-A-Code

Series	Poles	Screw Options	Marking/Cover	Hardware Options
TB -				
300 = 8-32 screw 345 = 10-32 screw	02 to 24	Blank = Steel phillslot, zinc-plated 00 = Screws shipped bulk B = Brass phillslot, nickel-plated BS = Brass Sems phillslot, nickel-plated (TB300 only) SP = Steel Sems phillslot, zinc-plated P = Steel Sems (P-style) ST = Stainless steel, phillslot STR = Stainless steel, phillips (recess)	L1 to L6 Marking Strips (pg 318) Special Markings (pg 318) Covers (pg 318)	QC1 to QC20 = Quick connects (TB300 only) J301 = Flat slip-on jumper 0J6 = Over barrier jumper 0J11 = Over barrier jumper

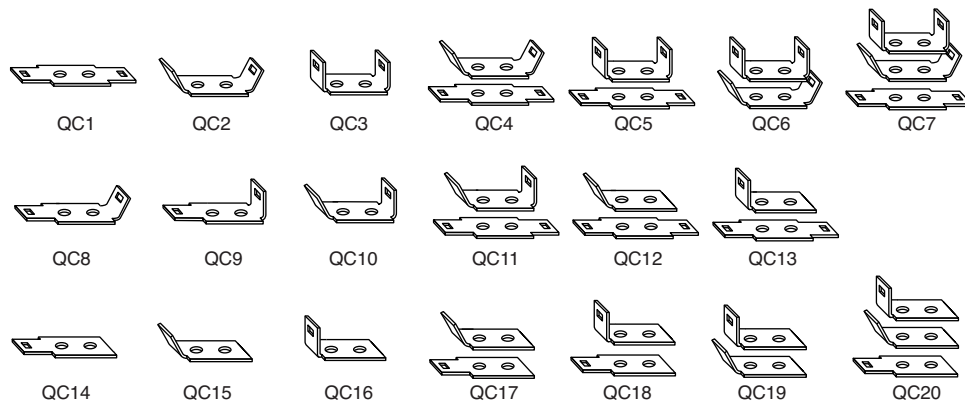
Double Row Terminal Blocks

Screw Options

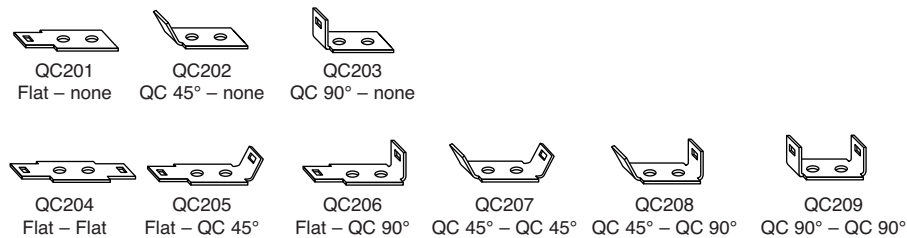


Hardware Options

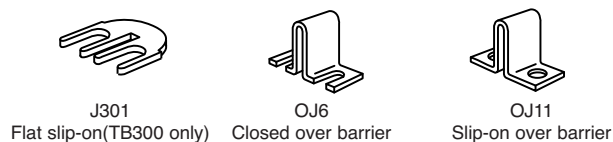
Quick Connects – Assembled: TB300 only. Terminals 0.25" x 0.031". Maximum current rating 20 amps. For other orientations, contact Cooper Bussmann.



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.



Mouser Electronics

Authorized Distributor

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Eaton:

[TB300-02B](#) [TB300-02SP](#) [TB300-03QC6](#) [TB300-03SP](#) [TB300-04B](#) [TB300-04BS](#) [TB300-04QC16](#) [TB300-04QC20](#)
[TB300-04QC6](#) [TB300-04SP](#) [TB300-05B](#) [TB300-05SP](#) [TB300-06B](#) [TB300-06BS](#) [TB300-06QC16](#) [TB300-06SP](#)
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[TB300-0300](#) [TB300-03B](#) [TB300-03BL1](#) [TB300-03BQC16](#) [TB300-03BS](#) [TB300-03L5](#) [TB300-03QC14](#) [TB300-03SPL1](#) [TB300-03ST](#) [TB300-0400](#) [TB300-04BQC1](#) [TB300-04L1](#) [TB300-04L5](#) [TB300-04P](#) [TB300-04QC2](#) [TB300-04QC7](#) [TB300-0500](#) [TB300-0500ST](#) [TB300-05QC4](#) [TB300-05ST](#) [TB300-0600](#) [TB300-06BL4](#) [TB300-06BSL1](#)
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[TB300-09QC19](#) [TB300-09ST](#) [TB300-09STR](#) [TB300-10BS](#) [TB300-10L1](#) [TB300-10QC1QC2](#) [TB300-10SPL1](#) [TB300-10ST](#) [TB300-11B](#) [TB300-11QC19](#) [TB300-11SP](#) [TB300-12BSL1](#) [TB300-12L3](#) [TB300-12L3QC4](#) [TB300-12P](#) [TB300-12QC1QC2](#) [TB300-12SPL1](#) [TB300-13SP](#) [TB300-14B](#) [TB300-14BS](#) [TB300-15B](#)