

Series TB300 & TB345

Double Row Terminal Blocks

SPECIFICATIONS

Rating: TB300 – 30A, 600V*

TB345 – 45A, 600V*

Center Spacing: .562" or 9/16" (14.28 mm)

Wire Range: #8 - 22 AWG CU

Screw Size: TB300 – #8-32 philslot screws

TB345 – #10-32 philslot screws

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

#10 screws - 20 in.-lb.

Distance Between Barriers: .41" (10.5 mm)

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

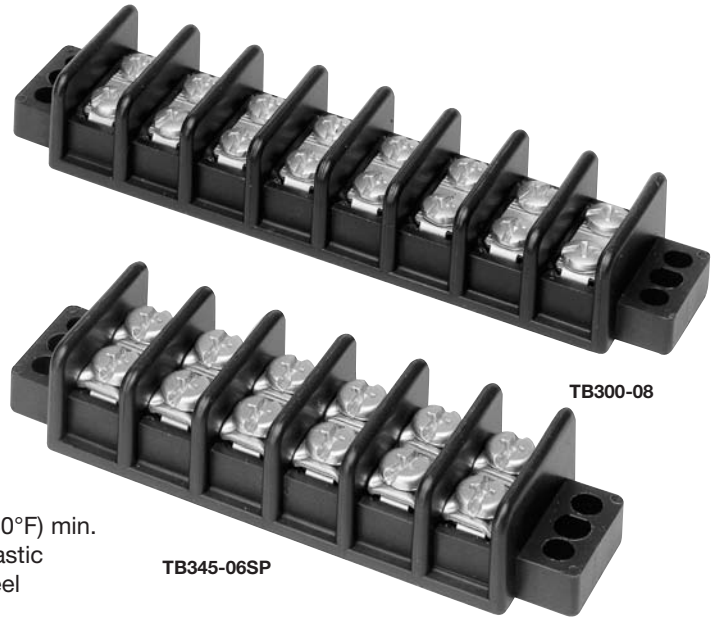
Terminal plating: Tin over brass; Screws: Zinc plated steel

Breakdown Voltage: 7500V

Agency Information: UL/CSA; IEC Compliance;

CE Certified

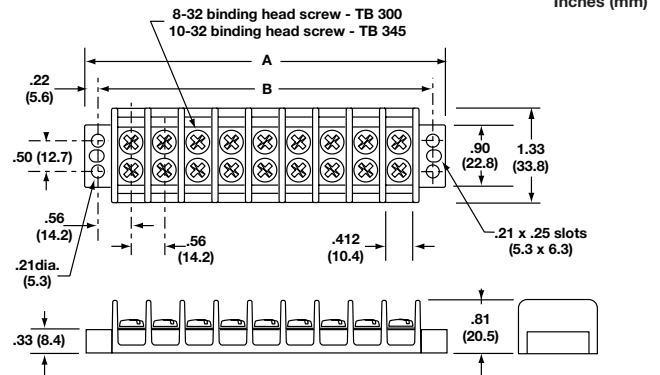
* Max. rating shown; some options may be rated lower - consult factory.



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			

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

TB300 & TB345



Part Numbering System

Series



300 - 8-32 screw
345 - 10-32 screw

Poles



02 to 24

Screw Options



Blank - steel philslot, zinc plated
00 - screws shipped bulk
B - brass philslot, nickel plated
BS - brass Sems philslot, nickel plated (TB300 only)
SP - steel Sems philslot, zinc plated
P - steel Sems (P-style)
ST - stainless steel, philslot
STR - stainless steel, phillips (recess)

Marking



L1 to L6 - (pg 35)
Marker strips (pg 36)
Covers (pg 35)

Hardware Options



QC1 to QC20 - quick connects (TB300 only)
J301 - flat slip-on jumper
OJ6 - over barrier jumper
OJ11 - over barrier jumper

Screw Options



B
Brass Philslot
Nickel Plated



BS
Brass SEMS
Philslot Nickel Plated



SP
Steel SEMS
Philslot Zinc Plated



P
Steel SEMS
(P-Style)



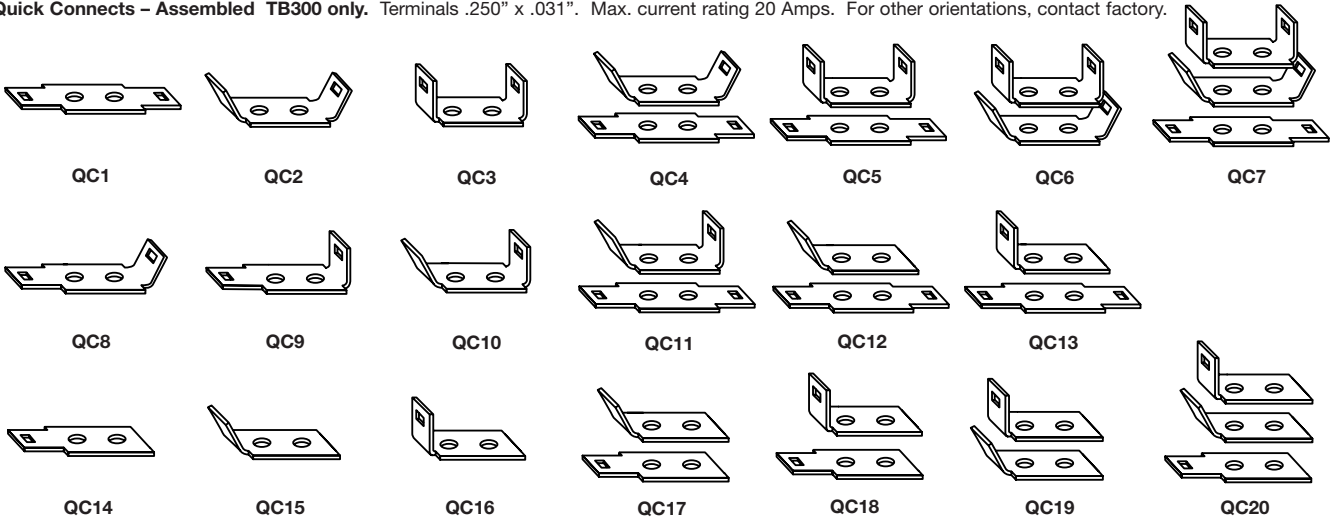
ST
Stainless Steel
Philslot



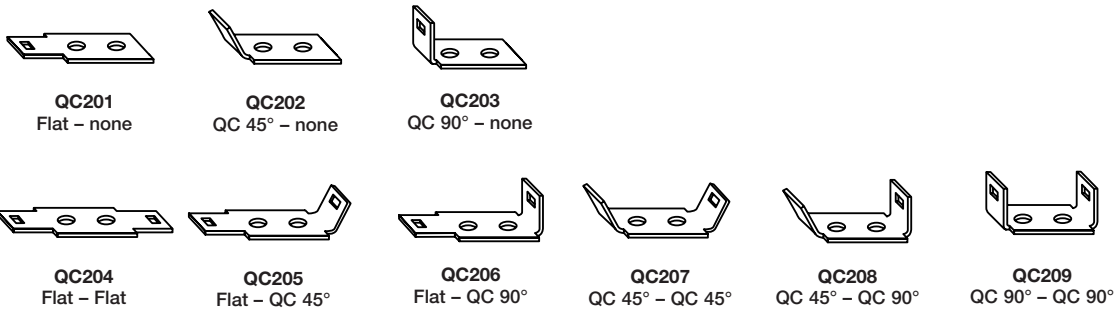
STR
Stainless Steel
Phillips (recess)

Hardware Options

Quick Connects – Assembled TB300 only. Terminals .250" x .031". Max. current rating 20 Amps. For other orientations, contact factory.



Quick Connects – Bulk *TB300 only. Min. order per part no. – 100 pieces.



Jumpers – Bulk Min. order per part no. – 100 pieces. Contact factory for jumper assembly.

