

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 phillslot screws

TB345 – #10-32 phillslot 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

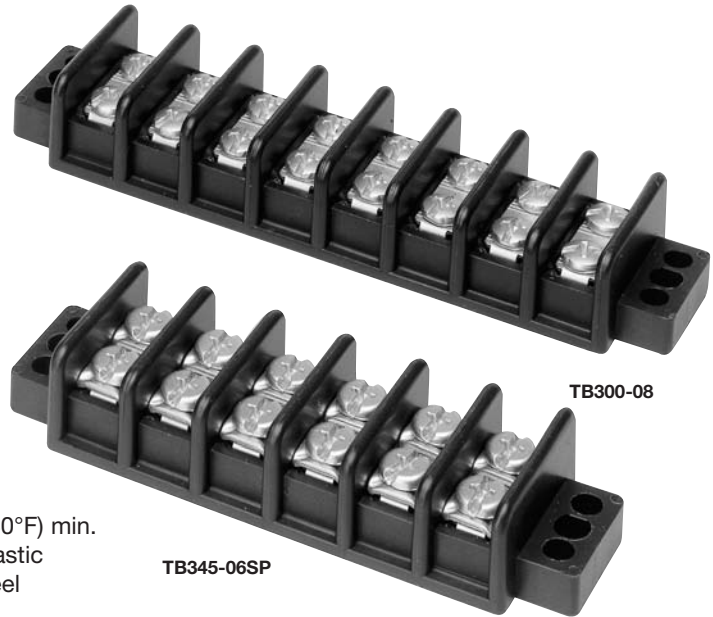
Terminal plating: Tin over brass; Screws: Zinc plated steel

Breakdown Voltage: 7500V

Agency Information: UL/CSA; IEC Compliance;

CE Certified

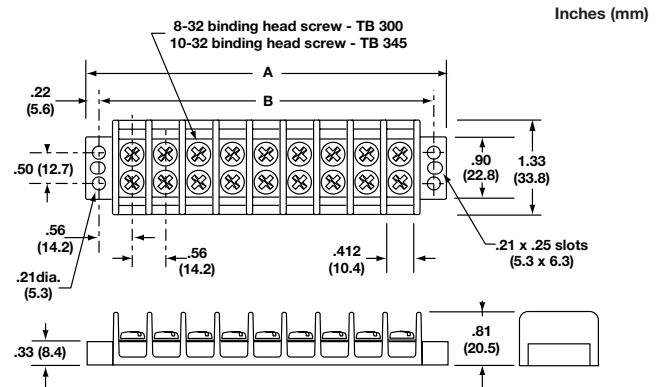
* Max. rating shown; some options may be rated lower - consult factory.



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 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)

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.



QC1



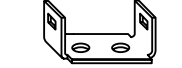
QC2



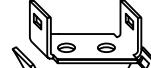
QC3



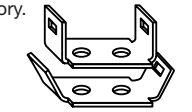
QC4



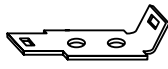
QC5



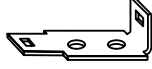
QC6



QC7



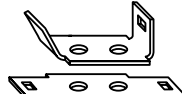
QC8



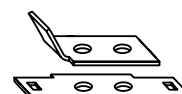
QC9



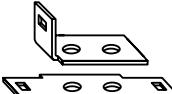
QC10



QC11



QC12



QC13



QC14



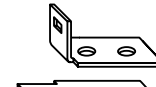
QC15



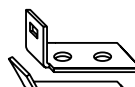
QC16



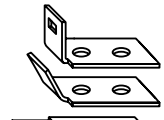
QC17



QC18

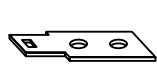


QC19

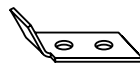


QC20

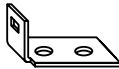
Quick Connects – Bulk *TB300 only. Min. order per part no. – 100 pieces.



QC201
Flat – none



QC202
QC 45° – none



QC203
QC 90° – none



QC204
Flat – Flat



QC205
Flat – QC 45°



QC206
Flat – QC 90°



QC207
QC 45° – QC 45°



QC208
QC 45° – QC 90°



QC209
QC 90° – QC 90°

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



J301
Flat slip-on
(TB300 only)



OJ6
Closed over barrier



OJ11
Slip-on over barrier