

## Series TB300 & TB345

### Double Row Terminal Blocks

#### SPECIFICATIONS

**Rating:** TB300 – 30A, 600V\*  
TB345 – 45A, 600V\*

**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 factory.

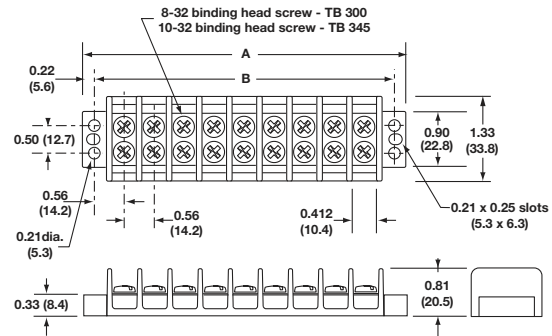


#### Dimensions - in (mm)

##### TB300 & TB345

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.



## 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) (TB300 Series only)  
ST - stainless steel, phillslot  
STR - stainless steel, phillips (recess)

#### Marking



L1 to L6 - (pg 32)  
Marker strips (pg 33)  
Covers (pg 32)

#### Hardware Options



QC1 to QC20 - quick connects (TB300 only)  
1J301 - flat slip-on jumper  
10J6 - over barrier jumper  
10J11 - over barrier jumper

†Contact factory for pole configuration.

Terminal Blocks:  
Single & Double Row

EuroMag Series

Terminal Blocks:  
Base & Rail Mount

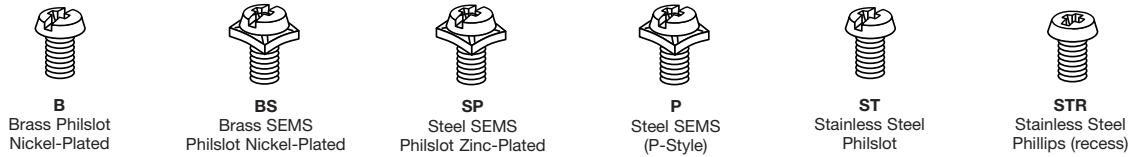
Power Distribution  
Blocks

Wire Management  
Products

Edge Connectors,  
One-Sided Boards

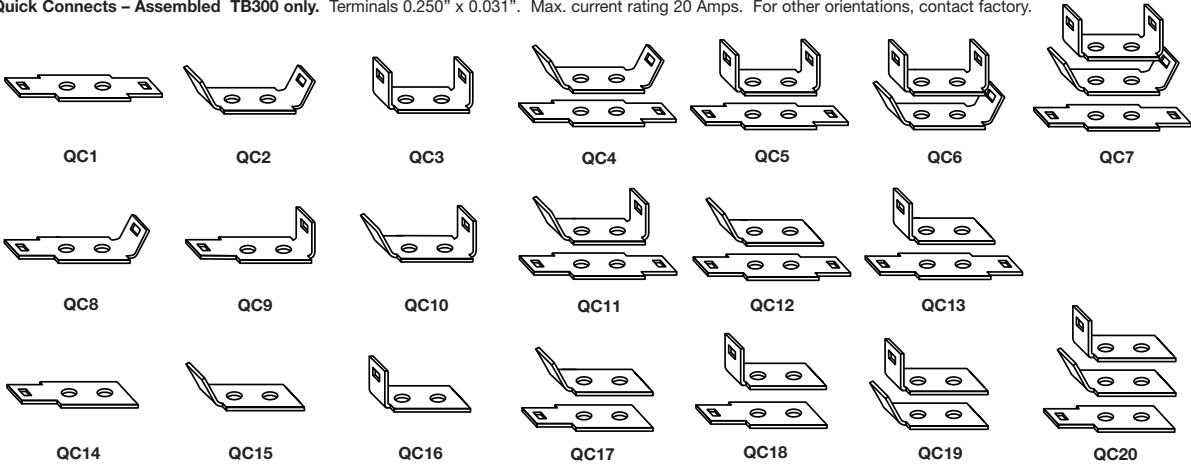
Compliance  
References

### Screw Options

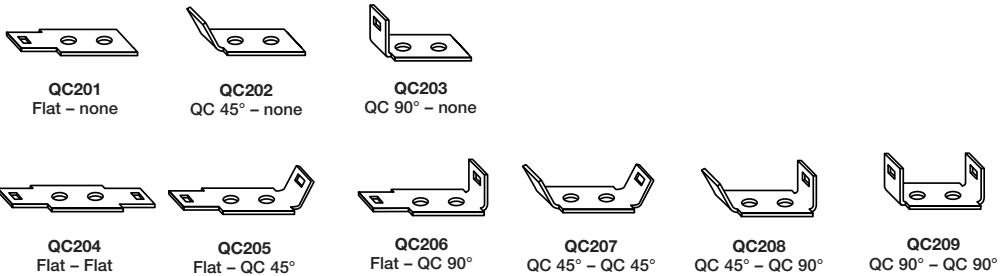


### Hardware Options

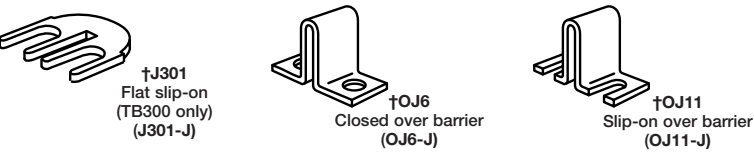
Quick Connects – Assembled **TB300** only. Terminals 0.250" x 0.031". Max. current rating 20 Amps. For other orientations, contact factory.



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.



†Contact factory for pole configuration.

## All Series Marking Options & Accessories

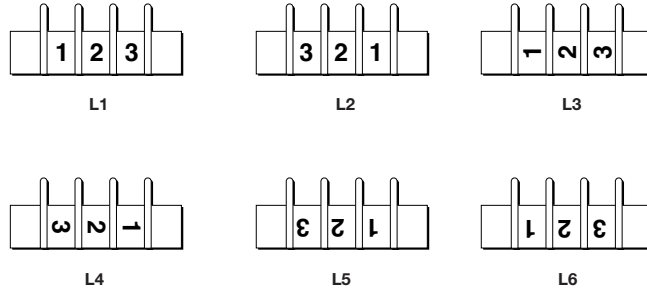
### Double Row Terminal Blocks

#### Marking Options

##### Standard Marking

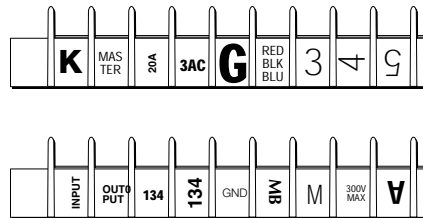
Standard markings are applied directly to the side(s) of a block. Standard color is white. Standard height is 0.125".

Note: Blocks marked on both sides require a different code for each side. Example Style L1 on one side of the block requires Style L2 on the other side to ensure common terminal marking. To order, add appropriate suffix (L1, L2, L3, L4, L5 and/or L6) to block part number in the proper sequence.



##### Special Marking

Special markings are available at an additional charge for preparation. Production charges for setup, handling and marking are the same as for standard marking. Drawing(s) must be submitted to ensure accuracy of part required. Consult factory for price and delivery.



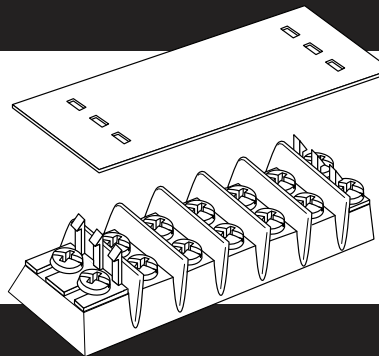
Note: Marking is not available on TB400 Series

#### Covers

Covers prevent personnel, screws and foreign items from contacting live terminals. Available in white or clear plastic. Two cover clips supplied with each cover. Cover width is 1.31 inches.

All covers must be ordered separately. Consult factory for special legends.

Example: 10 position cover, white, TB100 Series, no legends . . . Part number is X12010.



#### Part Numbering System

##### Series



##### Cover Strip



- 120 - TB100/white
- 119 - TB100/clear
- 220 - TB200/TB200HB - white
- 219 - TB200/TB200HB - clear
- 320 - TB300 & TB345 - white
- 319 - TB300 & TB345 - clear

##### Poles



- 02 to 36 (TB100)
- 02 to 30 (TB200/TB200HB)
- 02 to 24 (TB300/TB345)

##### High Barrier Option Only



HB = High Barrier

Example: 10 position cover, white, TB100 Series, no legends . . . Part number is X12010.

##### Cover Clips – Bulk

- Part Number
- DD1-J – TB100 Series
- DD2-J – TB200 Series
- DD2HB-J – TB200HB Series
- DD3-J – TB300 Series

Note: Covers are not available on TB400 Series.

## Top & Bottom Marking Strips

### Double Row Terminal Blocks

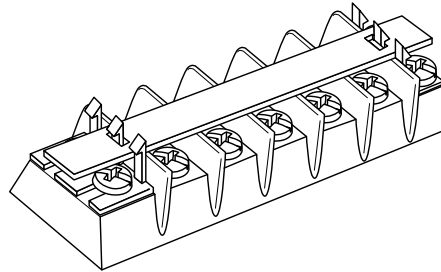
#### Top Marker Strips

Top mounting marker strips are available in white (opaque) plastic. Two cover clips are supplied with each marker strip.

All top marker strips must be ordered separately. Consult factory for special legends.

Example: 12 position cover, TB200, 0.032" x 0.312", with no legends . . . Part No. is X20312.

Example: 12 position cover, TB200HB, 0.060" x 0.500", with no legends . . . Part No. is X23312HB.



### Part Numbering System

Series	Top Marker Strip	Poles	High Barrier Option Only
<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> <li><b>133</b> - TB100 (0.060 thk x 0.500w)</li> <li><b>103</b> - TB100 (0.032 thk x 0.312w)</li> <li><b>233</b> - TB200/TB200HB (0.060 thk x 0.500w)</li> <li><b>203</b> - TB200/TB200HB (0.032 thk x 0.312w)</li> <li><b>333</b> - TB300 &amp; TB345 (0.060 thk x 0.500w)</li> <li><b>303</b> - TB300 &amp; TB345 (0.032 thk x 0.380w)</li> </ul>	<ul style="list-style-type: none"> <li><b>02 to 36</b> (TB100)</li> <li><b>02 to 30</b> (TB200/TB200HB)</li> <li><b>02 to 24</b> (TB300/TB345)</li> </ul> <p>Note: Marking Strips are not available on TB400 Series.</p>	<p><b>HB = High Barrier</b></p> <p>Example: 12 position cover, TB200HB, 0.060" x 0.500", with no legends . . . Part No. is X23312HB.</p>

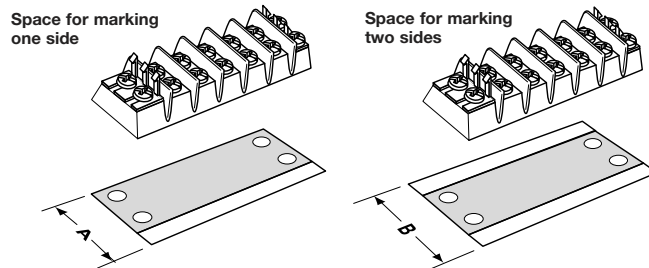
#### Bottom Marker Strips

Bottom mounting marker strips are made of black PVC, 0.030" thick. Space is available to handle most marking situations. All marker strips must be ordered separately.

To order, specify part number, required legends and (BF) bottom forward, (BR) bottom reverse, (TF) top forward, or (TR) top reverse. Consult factory for specials.

Example: 13 position strip, TB100 with no legends, space for marking one side . . . Part number is X10513.

Position for legends (one side, two sides) can be specified standard. Standard legend height is 0.125". Standard legends are 0-99 and A-Z. Special legends are available on special order. Drawing(s) must be submitted to ensure accuracy of part required.



	TB100	TB200	TB200HB	TB300	TB345	TB400
Dim. A	1.13"	1.37"	1.62"	1.58"	1.58"	N/A
Dim. B	1.38"	1.62"	1.81"	1.81"	1.81"	N/A

### Part Numbering System

Series	Bottom Marker Strip	Poles	High Barrier Option Only	Orientation
<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> <li><b>105</b> - TB100 - marking one side</li> <li><b>101</b> - TB100 - marking both sides</li> <li><b>205</b> - TB200 - marking one side</li> <li><b>201</b> - TB200 - marking both sides</li> <li><b>295</b> - TB200HB - marking one side</li> <li><b>291</b> - TB200HB - marking both sides</li> <li><b>305</b> - TB300 &amp; TB345 - marking one side</li> <li><b>301</b> - TB300 &amp; TB345 - marking both sides</li> </ul>	<ul style="list-style-type: none"> <li><b>02 to 36</b> (TB100)</li> <li><b>02 to 30</b> (TB200/TB200HB)</li> <li><b>02 to 24</b> (TB300/TB345)</li> </ul>	<p><b>HB = High Barrier</b></p>	<ul style="list-style-type: none"> <li><b>BF</b> - bottom forward</li> <li><b>BR</b> - bottom reverse</li> <li><b>TF</b> - top forward</li> <li><b>TR</b> - top reverse</li> </ul>

Note: Marking Strips are not available on TB400 Series.