Series TB100

Double Row Terminal Blocks



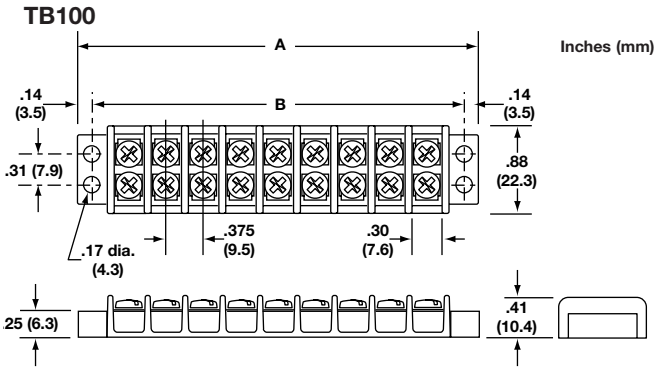
SPECIFICATIONS

Rating: 30A, 300V*
Center Spacing: .375" or 3/8" (9.52 mm)
Wire Range: #14 - 22 AWG CU
Screw Size: #6-32 philslot screws
Torque Rating: 9 in-lb.
Distance Between Barriers: .30" (7.62 mm)
Mounting: #6 screws
Operating Temperature: 130°C (266°F) max., -40°C (-40°F) min.
Materials: Molded base: Black, UL rated 94V0 thermoplastic
Terminal plating: Tin over brass; Screws: Zinc plated steel
Breakdown Voltage: 3600V
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	1.40	1.12	14	5.90	5.62	26	10.40	10.12
03	1.78	1.50	15	6.28	6.00	27	10.78	10.50
04	2.16	1.88	16	6.66	6.38	28	11.16	10.88
05	2.53	2.25	17	7.03	6.75	29	11.53	11.25
06	2.90	2.62	18	7.40	7.12	30	11.90	11.62
07	3.28	3.00	19	7.78	7.50	31	12.28	12.00
08	3.66	3.38	20	8.16	7.88	32	12.66	12.38
09	4.03	3.75	21	8.53	8.25	33	13.03	12.75
10	4.40	4.12	22	8.90	8.62	34	13.40	13.12
11	4.78	4.50	23	9.28	9.00	35	13.78	13.50
12	5.16	4.88	24	9.66	9.38	36	14.16	13.88
13	5.53	5.25	25	10.03	9.75			

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



Part Numbering System

Series

T B 1 0 0 –

Poles

☐☐

02 to **36**

Screw Options

☐☐

Blank - steel philslot, zinc plated
00 - screws shipped bulk
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)

Marking

☐☐

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

Hardware Options

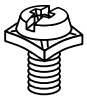
☐☐☐☐

QC1 to **QC20** - quick connects
J101 - flat slip-on jumper
(2 position only)
0J2 - over barrier jumpers
0J4 - over barrier jumpers

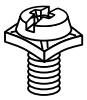
Screw Options



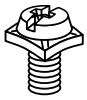
B
Brass Philslot
Nickel Plated



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

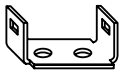
Quick Connects – Assembled Terminals .187" x .020". Max. current rating 13 Amps. For other orientations, contact factory.



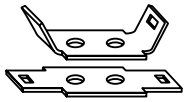
QC1



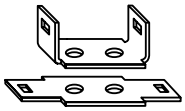
QC2



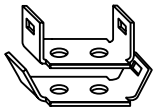
QC3



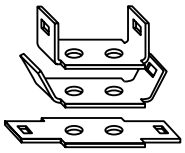
QC4



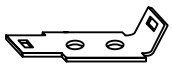
QC5



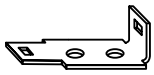
QC6



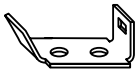
QC7



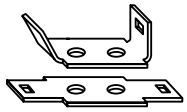
QC8



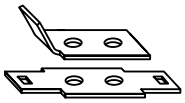
QC9



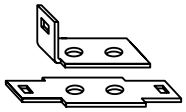
QC10



QC11



QC12



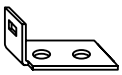
QC13



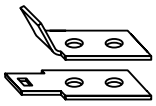
QC14



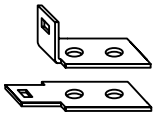
QC15



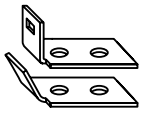
QC16



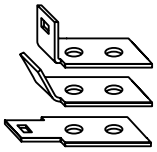
QC17



QC18



QC19

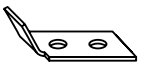


QC20

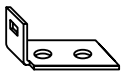
Quick Connects – Bulk Min. order per part no. – 100 pieces.



QC101
Flat – none



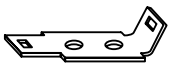
QC102
QC 45° – none



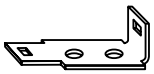
QC103
QC 90° – none



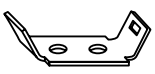
QC104
Flat – Flat



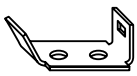
QC105
Flat – QC 45°



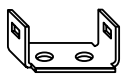
QC106
Flat – QC 90°



QC107
QC 45° – QC 45°



QC108
QC 45° – QC 90°

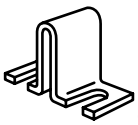


QC109
QC 90° – QC 90°

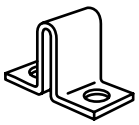
Jumpers – Bulk Min. order per part no. – 100 pieces. Contact factory for jumper assembly.



J101
Flat slip-on



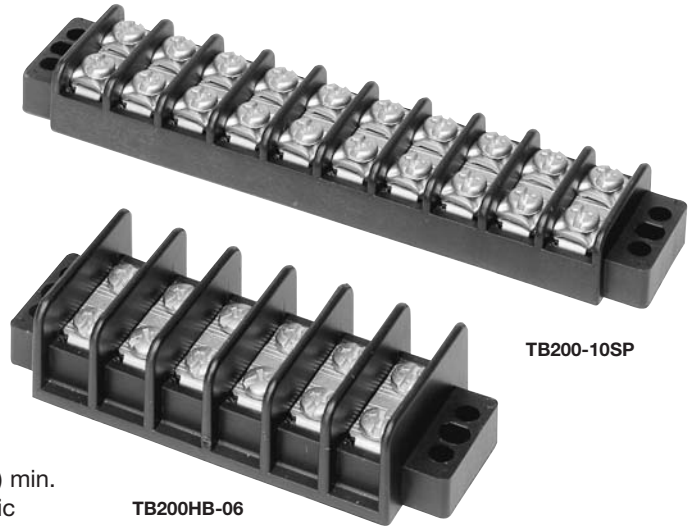
OJ2
Slip-on over barrier



OJ4
Closed over barrier

Series TB200 & TB200HB

Double Row Terminal Blocks



TB200-10SP

TB200HB-06

SPECIFICATIONS

Rating: TB200 - 30A, 300V*
TB200HB - 30A, 600V*
Center Spacing: .437" or 7/16" (11.10 mm)
Wire Range: #12 - 22 AWG CU
Screw Size: #6-32 philslot screws
Torque Rating: 9 in-lb.
Distance Between Barriers: .353" (8.97 mm)
Mounting: #6 screws
Operating Temperature: 130°C (266°F) max., -40°C (-40°F) min.
Materials: Molded base: Black, UL rated 94V0 thermoplastic
Terminal plating: Tin over brass; Screws: Zinc plated steel
Breakdown Voltage: 4800V
Agency Information: UL/CSA; IEC Compliance;
CE Certified

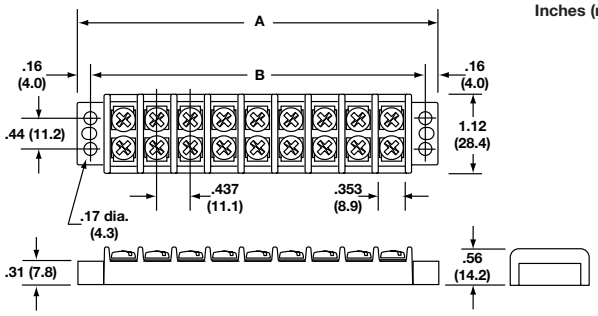
* Max. rating shown; some options may be rated lower - consult factory.

Poles	A	B	Poles	A	B	Poles	A	B
02	1.63	1.31	12	6.00	5.68	22	10.37	10.06
03	2.07	1.75	13	6.44	6.12	23	10.81	10.50
04	2.51	2.18	14	6.87	6.56	24	11.25	10.93
05	2.94	2.62	15	7.31	7.00	25	11.68	11.37
06	3.38	3.06	16	7.75	7.43	26	12.12	11.81
07	3.82	3.50	17	8.19	7.87	27	12.56	12.25
08	4.25	3.93	18	8.62	8.31	28	13.00	12.68
09	4.69	4.37	19	9.06	8.75	29	13.44	13.12
10	5.13	4.81	20	9.50	9.18	30	13.87	13.56
11	5.57	5.25	21	9.94	9.62			

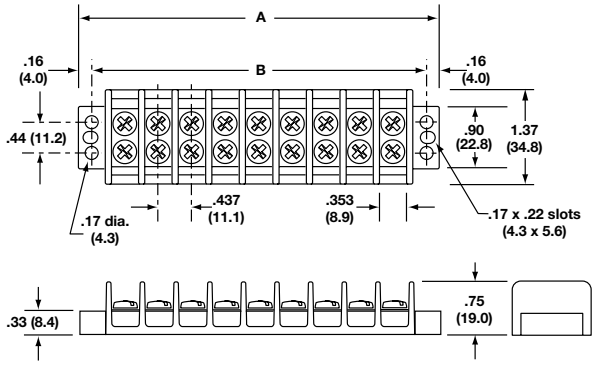
* Dimensions in inches. To convert to millimeters, multiply by 25.4.

TB200

Inches (mm)



TB200HB



Part Numbering System

Series

T B 2 0 0 ☐ ☐ – ☐ ☐

200 - Standard
200HB - High barrier

Poles

02 to **30**

Screw Options

☐ ☐

Blank - steel philslot, zinc plated
00 - screws shipped bulk
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
SS - stainless steel Sems, philslot
STR - stainless steel, phillips (recess)

Marking

☐ ☐

L1 to **L6** - (pg 35)
Marker strips (pg 33)
Covers (pg 32)

Hardware Options

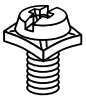
☐ ☐ ☐ ☐

QC1 to **QC20** - quick connects
J201 - flat slip-on jumper
(2 position only)
0J3 - over barrier jumpers
0J5 - over barrier jumpers
0J7 - over barrier jumpers

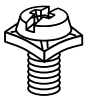
Screw Options



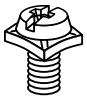
B
Brass Philslot
Nickel Plated



BS
Brass SEMS
Philslot Nickel Plated



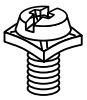
SP
Steel SEMS
Philslot Zinc Plated



P
Steel SEMS
(P-Style)



ST
Stainless Steel
Philslot



SS
Stainless Steel
SEMS Philslot



STR
Stainless Steel
Phillips (recess)

Hardware Options

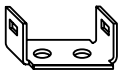
Quick Connects – Assembled Terminals .250" x .031". Max. current rating 20 Amps. For other orientations, contact factory.



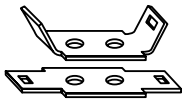
QC1



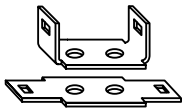
QC2



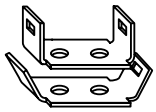
QC3



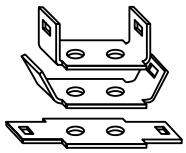
QC4



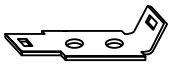
QC5



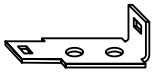
QC6



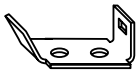
QC7



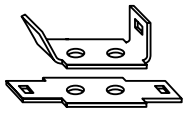
QC8



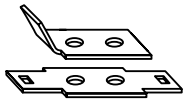
QC9



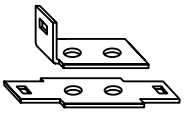
QC10



QC11



QC12



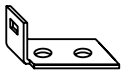
QC13



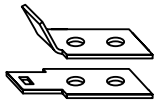
QC14



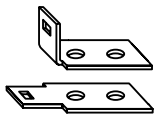
QC15



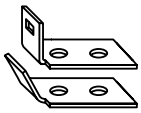
QC16



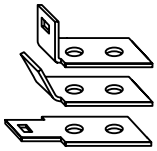
QC17



QC18



QC19

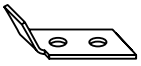


QC20

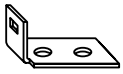
Quick Connects – Bulk Min. order per part no. – 100 pieces.



QC201
Flat – none



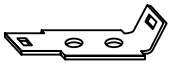
QC202
QC 45° – none



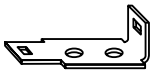
QC203
QC 90° – none



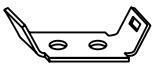
QC204
Flat – Flat



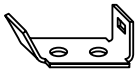
QC205
Flat – QC 45°



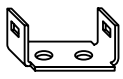
QC206
Flat – QC 90°



QC207
QC 45° – QC 45°



QC208
QC 45° – QC 90°

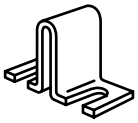


QC209
QC 90° – QC 90°

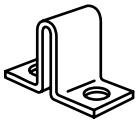
Jumpers – Bulk Min. order per part no. – 100 pieces. Contact factory for jumper assembly.



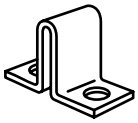
J201
Flat slip-on
(not available on
TB200HB)



OJ3
Slip-on over barrier
for TB200HB



OJ5
Closed over barrier
for TB200HB



OJ7
Closed over barrier
for TB200

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

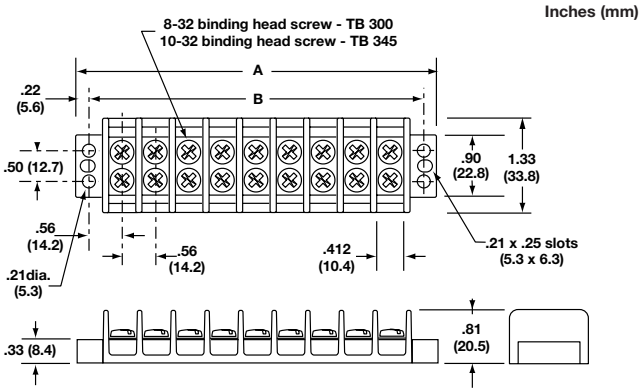
* Max. rating shown; some options may be rated lower - consult factory.

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

Inches (mm)



Part Numbering System

Series

T B 3 ☐ ☐ – ☐ ☐

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

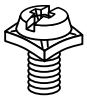
☐ ☐ ☐ ☐

QC1 to **QC20** - quick connects (TB300 only)
J301 - flat slip-on jumper
0J6 - over barrier jumper
0J11 - over barrier jumper

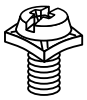
Screw Options



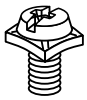
B
Brass Philslot
Nickel Plated



BS
Brass SEMS
Philslot Nickel Plated



SP
Steel SEMS
Philslot Zinc Plated



P
Steel SEMS
(P-Style)



ST
Stainless Steel
Philslot



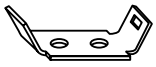
STR
Stainless Steel
Phillips (recess)

Hardware Options

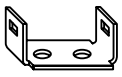
Quick Connects – Assembled TB300 only. Terminals .250" x .031". Max. current rating 20 Amps. For other orientations, contact factory.



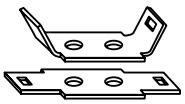
QC1



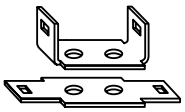
QC2



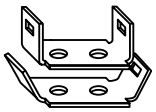
QC3



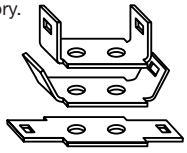
QC4



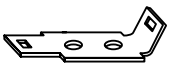
QC5



QC6



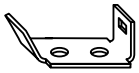
QC7



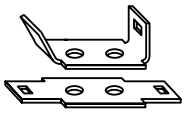
QC8



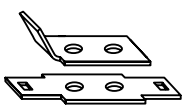
QC9



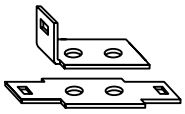
QC10



QC11



QC12



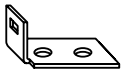
QC13



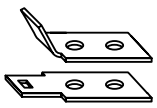
QC14



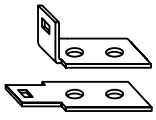
QC15



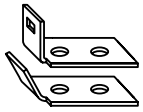
QC16



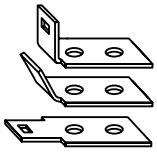
QC17



QC18



QC19

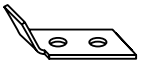


QC20

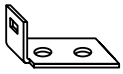
Quick Connects – Bulk *TB300 only. Min. order per part no. – 100 pieces.



QC201
Flat – none



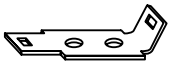
QC202
QC 45° – none



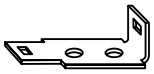
QC203
QC 90° – none



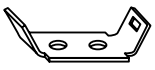
QC204
Flat – Flat



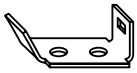
QC205
Flat – QC 45°



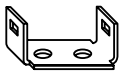
QC206
Flat – QC 90°



QC207
QC 45° – QC 45°



QC208
QC 45° – QC 90°

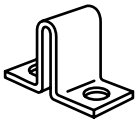


QC209
QC 90° – QC 90°

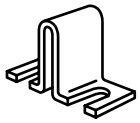
Jumpers – Bulk Min. order per part no. – 100 pieces. Contact factory for jumper assembly.



J301
Flat slip-on
(TB300 only)



OJ6
Closed over barrier



OJ11
Slip-on over barrier

Series TB400
Double Row Terminal Blocks

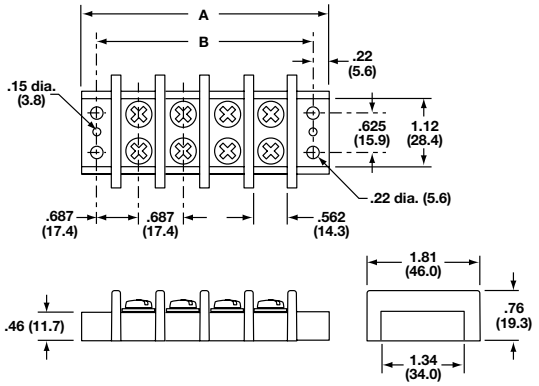

TB400-05

SPECIFICATIONS
Rating: 75A, 600V
Center Spacing: .687" or 11/16" (17.45 mm)
Wire Range: #6-14 AWG CU
Screw Size: #10-32 philslot screws
Torque Rating: 20 in-lb.
Distance Between Barriers: .56" (14.3 mm)
Mounting: #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

Poles	A	B	Poles	A	B	Poles	A	B
02	2.51	2.06	06	5.26	4.81	10	8.01	7.56
03	3.20	2.75	07	5.95	5.50	11	8.70	8.25
04	3.89	3.44	08	6.64	6.19	12	9.39	8.94
05	4.58	4.13	09	7.33	6.88			

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

TB400 Inches (mm)



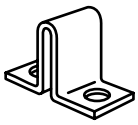
Screw Options


B
Brass Philslot
Nickel Plated


ST
Stainless Steel
Philslot


STR
Stainless Steel
Phillips (recess)

Hardware Options


OJ14
Closed over barrier

Part Numbering System

Series		Poles	Screw Options	Marking
TB400	–	☐☐	☐☐	
		02 to **12**	Blank - steel philslot, zinc plated **00** - screws shipped bulk **B** - brass philslot, nickel plated **ST** - stainless steel, philslot **STR** - stainless steel, phillips (recess)	Not available

Marking Options & Accessories

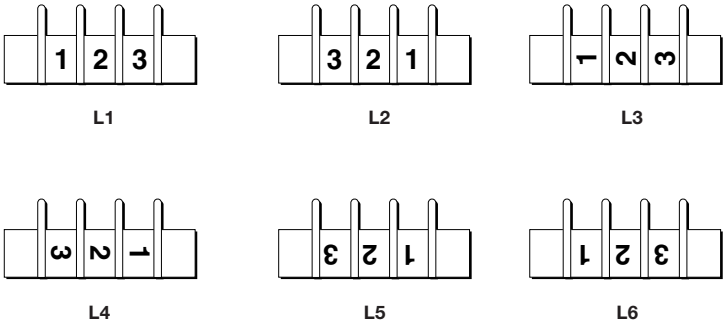
Double Row Terminal Blocks (TB100, TB200, TB300, TB345 SERIES)

Marking Options

Standard Marking

Standard markings are applied directly to the side(s) of a block. Standard color is white. Standard height is .125".

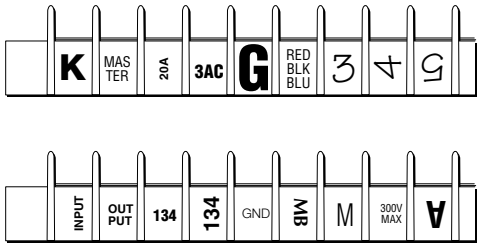
Note: Blocks marked on both sides require a different code for each side. Example Style L1 on one side of the block requires Style L2 on the other side to ensure common terminal marking. To order, add appropriate suffix (L1, L2, L3, L4, L5 and/or L6) to block part number in the proper sequence.



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

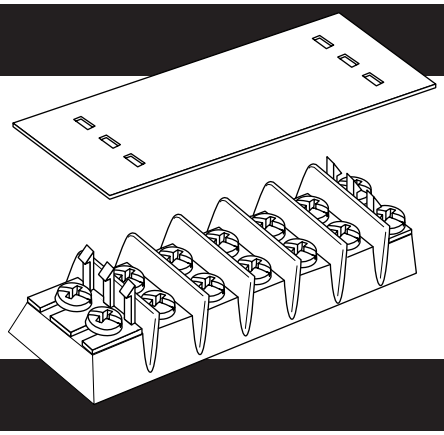


Covers

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 No. is X12010.



Part Numbering System

Series

X

Cover Strip

☐☐☐

120 - TB100/white
119 - TB100/clear
220 - TB200 - white
220HB - TB200HB - white
219 - TB200 - clear
219HB - 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)

Cover Clips – Bulk

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

Note: Covers are not available on TB400 Series.

Top & Bottom Marking Strips

Double Row Terminal Blocks (TB100, TB200, TB300, TB345 SERIES)

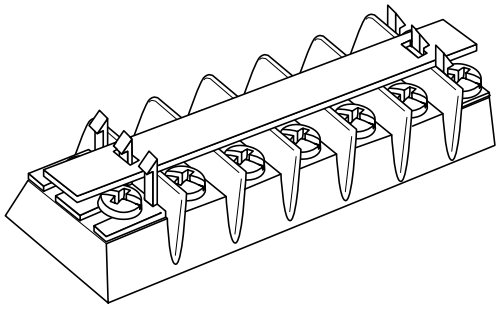
TOP MARKER STRIPS

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, .032" x .312", with no legends . . . Part No. is X20312.

Example: 12 position cover, TB200HB, .060" x .500", with no legends . . . Part No. is X23312HB.



Part Numbering System

Series

X

Top Marker Strip

□□□

133 - TB100 (.060 thk x .500w)
103 - TB100 (.032 thk x .312w)
233 - TB200 (.060 thk x .500w)
233TB - TB200HB (.060 thk x .500w)
203 - TB200 (.032 thk x .312w)
203HB - TB200HB (.032 thk x .312w)
333 - TB300 & TB345 (.060 thk x .500w)
303 - TB300 & TB345 (.032 thk x .380w)

Poles

□□

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

Note: Marking Strips are not available on TB400 Series.

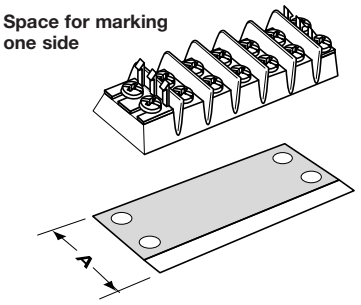
BOTTOM MARKER STRIPS;

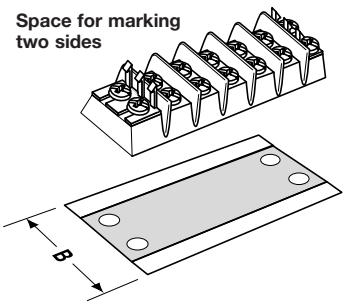
Bottom mounting marker strips are made of black PVC, .030" thick. Space is available to handle most marking situations. All marker strips must be ordered separately.

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 No. is X10513.

Position for legends (one side, two sides) can be specified standard. Standard legend height is .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

X

Bottom Marker Strip

□□□

105 - TB100 – marking one side
101 - TB100 – marking both sides
205 - TB200 – marking one side
201 - TB200 – marking both sides
295 - TB200HB – marking one side
291 - TB200HB – marking both sides
305 - TB300 & TB345 – marking one side
301 - TB300 & TB345 – marking both sides

Poles

□□

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

Orientation

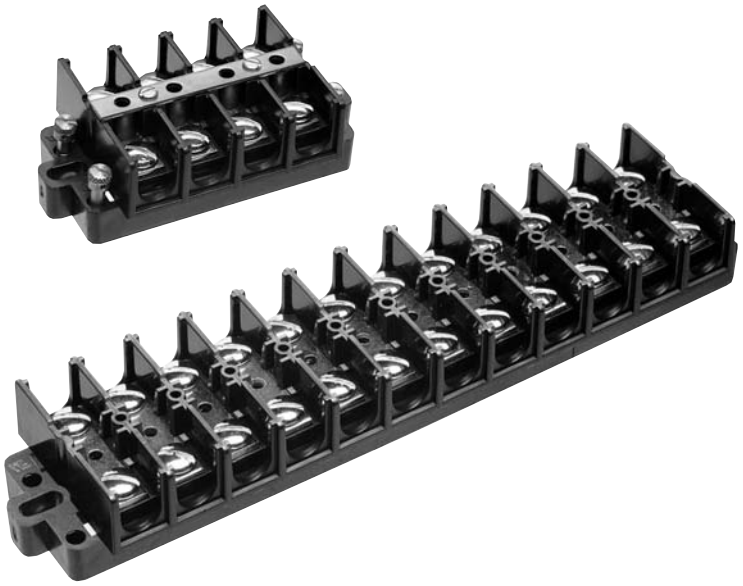
□□

BF – bottom forward
BR – bottom reverse
TF – top forward
TR – top reverse

Note: Marking Strips are not available on TB400 Series.

Series KU

Base Mount Double Row Terminal Blocks



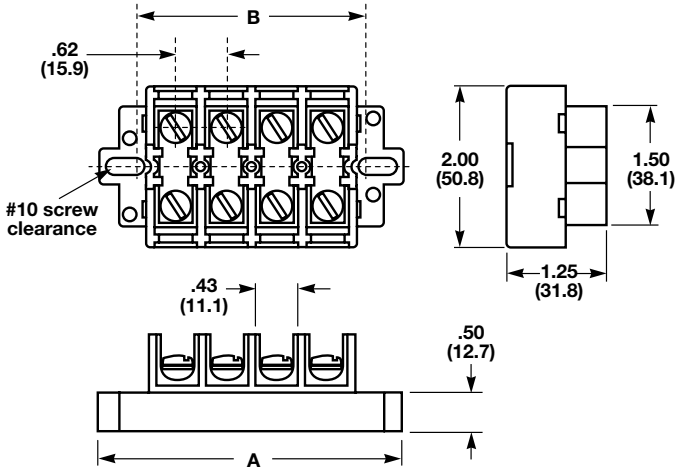
SPECIFICATIONS

Rating: 60A, 600V*
Center Spacing: .625" (15.88 mm)
Number of Poles: 2-12
Wire Range: #6-22 AWG CU
Screw Size: #10-32 brass nickel plated
Torque Rating: 20 in-lb.
Distance Between Barriers: .437" (11.09 mm)
Mounting: Base mount. For 35mm DIN rail mountable, add ND prefix
Material: Molded base: Black, UL rated 94V0 thermoplastic
Terminal plating: Nickel over brass
Operating Temperature: 105°C max.
Agency Information: UL/CSA; CE Certified

* 60A rating achieved with #6 copper wire crimped to ring terminal.

Poles	KU A	KU B	KUX only A
02	2.50	1.62	2.00
03	3.12	2.25	2.62
04	3.75	2.87	3.25
05	4.37	3.50	3.87
06	5.00	4.12	4.50
07	5.62	4.75	5.12
08	6.25	5.37	5.75
09	6.87	6.00	6.37
10	7.50	6.62	7.00
11	8.12	7.25	7.62
12	8.75	7.87	8.25

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



Part Numbering System

Series

K U ☐ ☐ ☐ –

- **KU** - standard block
- **KUH** - block
- **KUX** - short block
- **KUSC** - standard w/shortring strap & 4 shorting screws
- **KURL** - standard w/removable link
- **KUXSC** - short block w/shorting strap & 4 shorting screws
- **KUXRL** - short block w/removable link

Poles

☐ ☐

02 to **12**

Screw Options

☐ ☐

- **00** - screws shipped bulk
- **W** - brass washer head, nickel plated
- **P** - steel screw w/pressure plate zinc plated
- **B** - brass washer head, no plating
- **BP** - brass philslot, nickel plated

Covers

☐ ☐

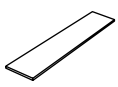
- **WC** - Top cover & 2 end plates

Marking Strip

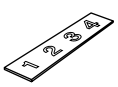
☐ ☐ ☐

- **MT** - matte finish
- **NU** - Numbered 1 to 12, horizontal
- **NUV** - numbered 1 to 12, vertical
- **PT** - marker strip for cover

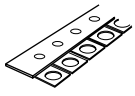
Accessories



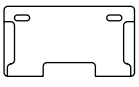
MTMU##
Molded Marking Tape
Matte Finish



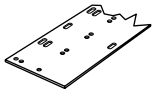
NUM##
Molded Markiing Tape



JU12
Jumper
12 Circuits



NUE
End Piece for NUC



NUC##
Cover