

Connectors

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NDN Series

Specifications

Description: High-density, snap-on 35mm DIN rail

compatible rail mount terminal blocks.

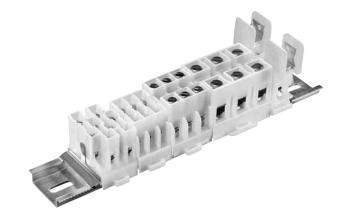
Construction: Unique, impact resistant, one-piece thermoplastic moldings. Heat treated stainless steel collars (to secure wires). Tin-plated copper alloy terminals.

Zinc-plated steel screws.

Circuits Per Foot: Up to 48 circuits per foot.

Agency Information: CE, UL E62622; CSA LR15364.

Flammability Rating: UL 94V2





NDNV4-__ _(color)

Specifications

Description: Rail mount terminal

block.

Rating: NDNV4 30A, 600V Center Spacing: 0.25" (6.35mm)

Number of Poles: 4 Circuits Per Foot: 48

Circuit Jumper: JN4, 4 circuits Wire Range: AWG #10-22 CU

Screw Size: #6-32

Mounting Options: 35mm DIN rail,

C-rail

Marking Tape: MTC6
Torque Rating: 18 lb-in

Operating Temperature: 105°C Agency Information: UL File E62622,

CSA File 15364.

Catalog Numbers

Catalog

Numbers	Colors
NDNV4-WH	White (Standard)
NDNV4-BK	Black
NDNV4-YE	Yellow



NDN3-__ _(color)

Specifications

Description: Rail mount terminal

block.

Rating: 30A - field wiring: 40A -

factory wiring 600V

Center Spacing: 0.300" (7.62mm)

Number of Poles: 3 Circuits Per Foot: 38

Circuit Jumper: JNDN3, 2 circuits Wire Range: AWG #10-22 CU

wile Kalige. Awd #10

Screw Size: #6-32

Mounting Options: 35mm DIN rail,

C-rail

Marking Tape: MT12-1-2 Torque Rating: 18 lb-in

Operating Temperature: 105°C **Agency Information**: UL File E62622,

CSA File 15364.

Catalog Numbers Catalog

 Numbers
 Colors

 NDN3-WH
 White (Standard)

 NDN3-BK
 Black

 NDN3-BL
 Blue

 NDN3-RE
 Red

 NDN3-YE
 Yellow



NDN63-__ _(color)

Specifications

Description: Rail mount terminal

block.

Rating: 65A, 600V

Center Spacing: 0.375" (9.52mm)

Number of Poles: 3 Circuits Per Foot: 30

Circuit Jumper: JN3, 2 circuits Wire Range: AWG #6-18 CU

Screw Size: #10-32

Mounting Options: 35mm DIN rail,

C-rail

Marking Tape: MT12-1-2 Torque Rating: 35 lb-in

Operating Temperature: 105°C Agency Information: UL File E62622,

CSA File 15364.

Catalog Numbers

Catalog

•		
Numbers	Colors	
NDN63-WH	White (Standard)	
NDN63-BK	Black	
NDN63-YE	Yellow	



NDN1-WH

Specifications

Description: Rail mount

terminal block.

Rating: 90A, 600V

Center Spacing: 0.635"

(16.13mm)

Number of Poles: 1 Circuits Per Foot: 18 Wire Range: AWG #2-18 Cu Screw Size: #1/4-28

Mounting Options: 35mm DIN rail, C-rail

* Dove-tail option is available for mounting side-by-side.

Order part no. NDN1A-WH
Marking Tape: MT12-1-2
Torque Rating: 32 lb-in

Operating Temperature: 105°C

Agency Information: UL File E62622, CSA File 47235

Catalog Numbers

Catalog

Number	Color	
NDN1-WH	White	



Specifications

Description: Rail mount terminal

block

Rating: 90A, 600V

Number of Poles: 3

Center Spacing: 0.635" (16.13mm)

Circuits Per Foot: 18 Circuit Jumper: JN1, 2 circuits Wire Range: AWG #2-18 Cu

Screw Size: #1/4-28

Mounting Options: 35mm DIN rail, C-rail, Base Mount * Dove-tail option is available for mounting side-by-side.

Order part no. NDN111-A

Marking Tape: MT12-1-2

Torque Rating: 32 lb-in

Operating Temperature: 105°C

Agency Information: UL File E62622, CSA File 47235

Catalog Numbers

Catalog

Numbers	Colors
NDN111-WH	White (Standard)
NDN111-BK	Black
NDN111-BL	Blue
NDN111-RE	Red
NDN111-YE	Yellow
NDN111A-WH	White
NDN111A-BK	Black (Standard)
NDN111A-YE	Yellow

NDN Series Terminal Block Accessories



NDNA 35mm DIN Rail Aluminum NDNA 100 1 meter NDNA 200 2 meters



NDNAS 35mm DIN Rail End Stop



NFTA C-Rail Aluminum Lengths to 72"



NRA
C-Rail
Low Profile
No Flange
Aluminum
Lengths to 37-1/2"



SOA72 72" Long Stand-Off Channel For C-Rail



MARKING TAPE See Series Specifications



JUMPERS See Series Specifications



N512-BK

Specifications

Description: Rail mount terminal

block.

Rating: 5A, 600V; 20A, 300V Center Spacing: 0.197" (5.00mm)

Number of Poles: 12 Circuits Per Foot: 60

Circuit Jumper: JN512, 12 circuits Wire Range: AWG #12-22 Cu

Screw Size: #4-48

Mounting Options: C-rail, 15mm DIN

rail

Marking Tape: AT512 Torque Rating: 12 lb-in

Operating Temperature: 105°C Agency Information: CSA File 15364.

Catalog Numbers

Number	Color	
N512-BK	Black	

NFT2-__ _(color)

Specifications

Description: Rail mount

terminal block.

Rating: 40A, 600V;

55A Factory Wired

Center Spacing: 0.281" (7.13mm)

Number of Poles: 2 Circuits Per Foot: 38

Circuit Jumper: JN2, 2 circuits Wire Range: AWG #8-22 Cu

Screw Size: #8-32

Mounting Options: C-rail Marking Tape: MT12-1-2 Torque Rating: 18 lb-in

Operating Temperature: 105°C Agency Information: UL File E62622,

CSA File 15364.

Catalog Numbers

Catalog

Numbers	Colors
NFT2-WH	White
NFT2-BK	Black
NFT2-BL	Blue
NFT2-RE	Red

NFT3-__ (color)

Specifications

Description: Rail mount terminal block. Rating: 40A, 600V

55A Factory Wired

Center Spacing: 0.390" (9.91 mm)

Number of Poles: 3 Circuits Per Foot: 28

Circuit Jumper: JN3, 2 circuits Wire Range: AWG #8-22 Cu

Screw Size: #8-32

Mounting Options: C-rail Marking Tape: MT12-1-2 Torque Rating: 18 lb-in

Operating Temperature: 105°C Agency Information: UL File E62622,

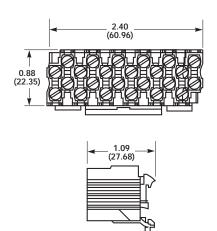
CSA File 47235.

Catalog Numbers

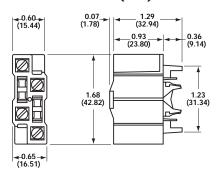
Catalog

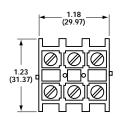
Numbers	Colors
NFT3-WH	White (Standard)
NFT3-BK	Black
NFT3-BL	Blue
NFT3-RE	Red
NFT3-YE	Yellow

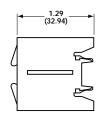
Dimensions - in (mm)



Dimensions - in (mm)









NC3-__ (color)

Specifications Description: Rail

mount terminal block.

Rating: 175A, 600V

Center Spacing: 1.06" (26.92mm)

Number of Poles: 3 Circuits Per Foot: 11 Wire Range: 2/0-#14 Cu/Al Screw Size: 5/16-24

Mounting Options: C-rail, Base

Mount

Marking Tape: MT12-1-2 Torque Rating: 45 lb-in

Operating Temperature: 105°C Agency Information: UL File E62622,

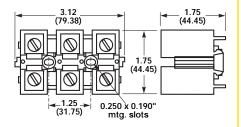
CSA File 15364.

Catalog Numbers

Catalog

Number	Color	
NC3-WH	White	
NC3-BK	Black	

Dimensions - in (mm)



NSE3-WH

Specifications
Description:

Rail mount terminal block.

Rating: 115A, 600V

Center Spacing: 1.06" (26.92mm)

Number of Poles: 3 Circuits Per Foot: 11

Circuit Jumper: JNSE3, 2 circuits **Wire Range**: For use with wire

crimped to ring terminal **Screw Size**: #1/4-28

Mounting Options: C-rail, Base

Mount

Marking Tape: MT12-1-2 Torque Rating: 32 lb-in

Operating Temperature: 105°C Agency Information: UL File E62622,

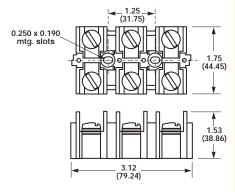
CSA File 15364.

Catalog Numbers

Catalog

Number	Color	
NSE3-WH	White	

Dimensions - in (mm)



NSS3-__ (color)

Specifications

Description: Rail mount

terminal block.

Rating: 30A, 600V

Center Spacing: 0.385"

(9.77mm)

Number of Poles: 3 Circuits Per Foot: 28

Circuit Jumper: JNSS3, 2 circuits **Wire Range**: For use with wire

crimped to ring terminal Screw Size: #6-32 Mounting Options: C-rail Marking Tape: MT12-1-2

Torque Rating: 12 lb-in

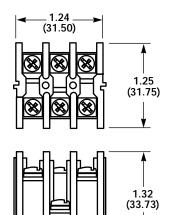
Operating Temperature: 105°C Agency Information: UL File E62622,

CSA File 15364.

Catalog Numbers

Catalog

Number	Color	
NSS3-WH	White	
NSS3-BK	Black	





Rail Mount Disconnect Terminal Blocks

15188 Series

Specifications

Description: Disconnect terminal blocks for 35mm DIN rail mount.

Rating: 30A, 600V*
Center Spacing: 0.375"

(9.52mm)

Wire Range: #12-16 AGW Cu

Screw Size: #6-32 zinc-plated philslot Number of Poles: 3- and 4-pole only

Mounting: 35mm DIN Rail

Optional End Stop NDNAS

Jumpers: 2- through 4-pole available

Materials: Molded Base: UL rated 94V-2 thermoplastic.

Tin plated copper alloy contacts.

Torque Rating: 12 lb-in

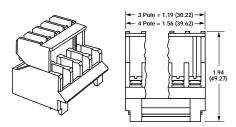
Operating Temperature: 105°C

Agency Information: UL File E62622, CSA File 47235. *30A rating achieved with #10AWG wire crimped to ring terminal; 25A without.

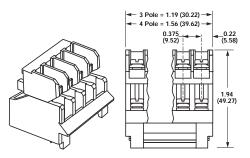
Catalog Number Build-A-Code

Series	Poles	Wiring	Options	
15188 -	-			
	3 to 4	Blank = In-line R = Reverse	S = Locking Snap	

Dimensions - in (mm) In-Line Wiring Direction



Reverse Wiring Direction



15288 Series

Specifications Description:

Disconnect terminal blocks for 35mm DIN rail mount.

Rating: 65A, 600V*

Center Spacing: 0.54" (13.7mm) Wire Range: #6-16 AWG

Screw Size: #8-32 zinc-plated philslot

Number of Poles: 3-pole only **Mounting**: 35mm DIN Rail

Optional Accessories: Optional End Stop NDNAS

(order optional accessories seperately)

Materials: Molded Base: UL rated 94V2 thermoplastic.

Tin-plated copper alloy contacts.

Torque Rating: 20 lb-in (30 lb-in for 8AWG bare wire)

Operating Temperature: 105°C (221°F) Agency Information: UL File E62622

*CSA rating achieved with #6 AWG wire crimped to ring terminal 50A without.

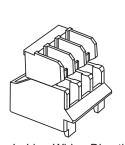
Catalog Number Build-A-Code

Series	Poles	Wiring	Options**
15288 -			
	3	Blank = In-line	S = Snap
		R = Reverse	ST = Screw Together
			SS = Solid DIN Rail Snap

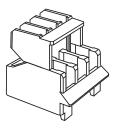
^{**}Options can be combined, e.g. STSS

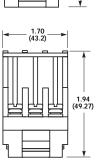
Dimensions - in (mm)

Reverse Wiring Direction



In-Line Wiring Direction





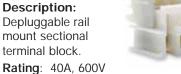


Sectional Terminal Blocks

PLU3-_ (color)

Specifications

Depluggable rail mount sectional terminal block.



Center Spacing: 0.390" (9.91mm)

Number of Poles: 3 Circuits Per Foot: 28

Circuit Jumper: JN3, 2 circuits Wire Range: AWG #8-22 Cu

Screw Size: #8-32

Mounting Options: C-rail, Stackable

Marking Tape: MT12-1-2 Torque Rating: 18 lb-in

Operating Temperature: 105°C Agency Information: UL File E62622,

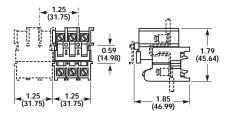
CSA File 15364.

Catalog Numbers

Catalog

Number	Color
PLU3-WH	White (Standard)
PLU3-BK	Black
PLU3-YE	Yellow

Dimensions - in (mm)



PLU1-WH

Specifications Description:

Depluggable rail mount sectional terminal block.

Rating: 70A, 600V

Center Spacing: 0.625" (15.88mm)

Number of Poles: 1-3

Part Numbers:

 PLU1 (1-pole) • PLU11 (2-pole) • PLU111 (3-pole)

Circuits Per Foot: 19

Circuit Jumper: JN1, 2 circuits Wire Range: AWG #4-18 Cu

Screw Size: #1/4-28

Mounting Options: C-rail, Stackable

Marking Tape: MT12-1-2 Torque Rating: 32 lb-in

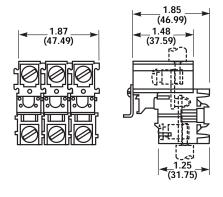
Operating Temperature: 105°C Agency Information: UL File E62622,

CSA File 15364.

Catalog Numbers Catalog

Number	Poles	Color
PLU1-WH	1	White
PLU11-WH	2	White
PLU111-WH	3	White

Dimensions - in (mm)



PSU1-WH

Specifications Description:

Depluggable rail mount sectional

terminal block.

Rating: 45A*, 600V

*45A rating achieved with ring terminal crimped to wire. Center Spacing: 0.625" (15.88 mm)

Number of Poles: 1-3

Part Number:

• PSU1 (1-pole) • PSU11 (2-pole) • PSU111 (3-pole)

Circuits Per Foot: 19

Wire Range: For use with crimp on

connectors only. **Screw Size**: #10-32

Mounting Options: C-rail, Stackable

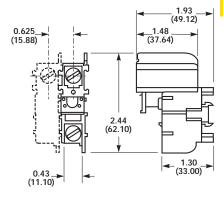
Marking Tape: MT12-1-2 Torque Rating: 24 lb-in

Operating Temperature: 105°C Agency Information: UL File E62622,

CSA File 15364

Catalog Numbers Catalog

Number	Poles	Color
PSU1-WH	1	White
PSU11-WH	2	White
PSU111-WH	3	White





Sectional Terminal Blocks

KT3-_ (color)

Specifications

Description: Depluggable rail

mount sectional terminal block.

Rating: 40A, 600V

Center Spacing: 0.390" (9.91mm)

Number of Poles: 3 Circuits Per Foot: 28

Circuit Jumper: JN3, 2 circuits Wire Range: AWG #8-22 Cu

Screw Size: #8-32

Mounting Options: Base Mount,

Stackable

Marking Tape: MT12-1-2 Torque Rating: 18 lb-in

Operating Temperature: 105°C Agency Information: UL File E62622,

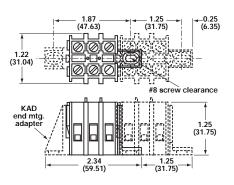
CSA File 15364

Catalog Numbers

C	а	ιa	ı	y
N	u	m	b	er

Number	Color
KT3-WH	White
KT3-BK	Black
KT3-RE	Red

Dimensions - in (mm)



KT4-_ (color)

Specifications

Description:

Depluggable rail mount sectional terminal block.

Rating: 30A, 600V



Center

Spacing: 0.25" (6.35mm) Number of Poles: 4

Part Number: •KT4-WH-A

•KT4-WH-B

Note: When used in series must order A and B

Circuits Per Foot: 48

Circuit Jumper: JN4, 4 circuits Wire Range: AWG #10-22 Cu

Screw Size: #6-32

Mounting Options: Base Mount Mounting screws recommended every

12 circuits

Marking Tape: MTC6 Torque Rating: 18 lb-in

Operating Temperature: 105°C Agency Information: UL File E62622,

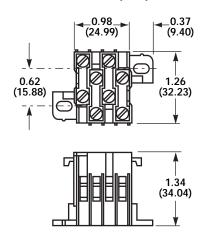
CSA File 15364

Catalog Numbers

Catalog

Number	Color
KT4-WH	White
KT4-BK	Black

Dimensions - in (mm)



PLK3-WH

Specifications

Description:

Depluggable rail mount sectional terminal block.

Rating: 40A,

600V

Center

Spacing: 0.39" (9.91mm)

Number of Poles: 3 Circuits Per Foot: 28

Circuit Jumper: JN3, 2 circuits Wire Range: AWG #8-22 Cu

Screw Size: #8-32

Mounting Options: Base Mount, Stackable; End Piece (Part No. KAD) is required for mounting. Mounting screws recommended every 15 circuits.

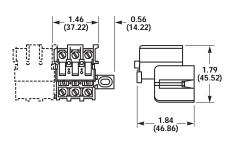
Marking Tape: MT12-1-2 Torque Rating: 18 lb-in

Operating Temperature: 105°C **Agency Information**: UL File E62622

Catalog Numbers

Catalog

Number	Color
PLK3-WH	White





Quick-connect Terminal Blocks

NTQ23-WH

Specifications Description: Quick-connect terminal block.

Rating: 40A, 600V

Center Spacing: 0.390" (9.91mm)

Number of Poles: 3 Circuits Per Foot: 28 Wire Range: AWG #8-22 Cu

Screw Size: #8-32

Quick Connects: 0.250" x 0.031"

Mounting Options: C-rail Marking Tape: MT12-1-2 Torque Rating: 18 lb-in

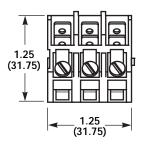
Operating Temperature: 105°C.

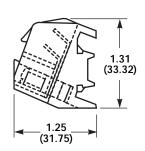
Catalog Numbers

Catalog

Number Color NTQ23-WH White

Dimensions - in (mm)





BNQ21-WH

Specifications

Description: Quickconnect terminal

block.

Rating: 40A, 600V Center Spacing: 0.437" (11.10mm) Number of Poles: 1 Circuits Per Foot: 24

Wire Range: AWG #8-22 Cu

Screw Size: #8-32

Quick Connects: 0.250" x 0.031" Mounting Options: Base Mount Stackable: End Piece (Part No. BQE) is required for mounting. Mounting screws recommended every 8 circuits.

Torque Rating: 18 lb-in

Operating Temperature: 105°C

Screw Size: #8-32

Agency Information: UL File E62622,

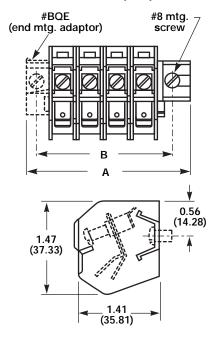
CSA File 15364

Catalog Numbers

Catalog

Number Color BNQ21-WH White

Dimensions - in (mm)



BQQ41-WH

Specifications Description:

Quick-connect terminal block.

Rating: 30A, 600V

Center Spacing: 0.437" (11.10mm) Number of Poles: 1 Circuits Per Foot: 24

Wire Range: For use with quick-

connect terminals only.

Quick Connects: 0.250" x 0.031" Mounting Options: Base Mount, Stackable: End Piece (Part No. BQE) is required for mounting. Mounting screws recommended every 8 circuits.

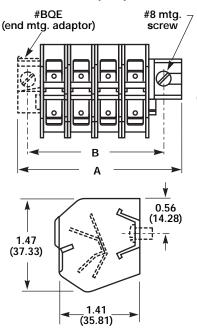
Operating Temperature: 105°C Agency Information: UL File E62622,

CSA File 15364

Catalog Numbers

Catalog

Number Color BQQ41-WH White





Series TB100

Specifications

Description: Double row terminal blocks.

Rating: 30A, 300V*

Center Spacing: 0.375" or 3/8" (9.52mm)

Wire Range: #14 - 22 AWG Cu Screw Size: #6-32 philslot screws

Torque Rating: 9 lb-in.

Distance Between Barriers: 0.30" (7.62mm)

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 File E62622/CSA File 47235; IEC

Compliance; CE Certified

* Max rating shown; some options may be rated lower, consult Cooper Bussmann.

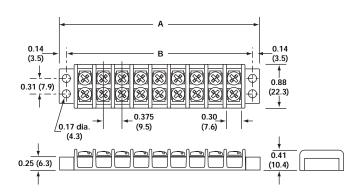
Dimensions - in

Poles	Α	В	Poles	Α	В	Poles	Α	В
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			

1" = 25.4mm.



TB100- in (mm)



Series	Poles	Screw Options	Marking/Cover	Hardware Options
TB100 —	02 to 36	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)	L1 to L6 Marking Strips (See page 318) Special Markings (See page 318) Covers (See page 318)	QC1 to QC20 = Quick connects J101 = Flat slip-on jumper (2 position only) 0J2 = Over barrier jumpers 0J4 = Over barrier jumpers



Screw Options



Brass Philslot Nickel-Plated



BS Brass SEMS Philslot Nickel-Plated



SP Steel SEMS Philslot Zinc-Plated



Steel (SEMS) (P-Style)



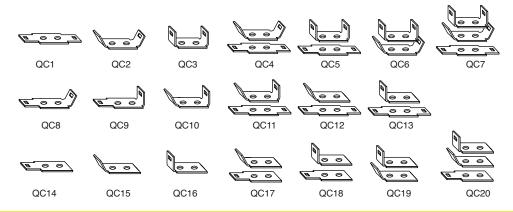
Stainless Steel Philslot



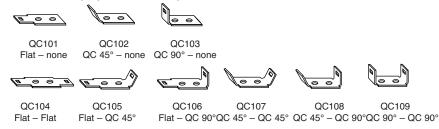
Stainless Steel Phillips (recess)

Hardware Options

Quick Connects - Assembled: Terminals 0.187" x 0.020". Maximum current rating 13 amps. For other orientations, contact Cooper Bussmann.



Quick Connects - Bulk: minimum order per part number - 100 pieces.



Jumpers - Bulk: minimum order per part number - 100 pieces. Contact Cooper Bussmann for jumper assembly.



J101 Flat slip-on



OJ2 Slip-on over barrier



OJ4 Closed over barrier



Series TB200 & TB200HB

Specifications

Description: Double row terminal blocks.

Ratings:

Volts: — 300V* (TB200) — 600V* (TB200HB)

Amps: - 30A*

Center Spacing: 0.437" or 7/16" (11.10mm)

Wire Range: #12 - 22 AWG Cu Screw Size: #6-32 philslot screws

Torque Rating: 9 lb-in.

Distance Between Barriers: 0.353" (8.97mm)

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 File E62622, CSA File 47235 &

15364; IEC Compliance; CE Certified

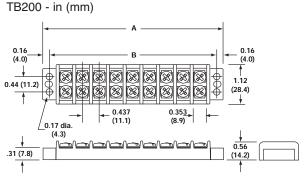
* Max rating shown; some options may be rated lower - consult factory.

Dimensions - in

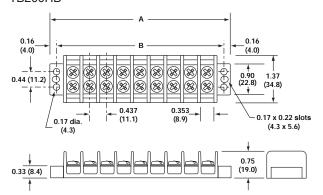
Poles	Α	В	Poles	Α	В	Poles	6 A	В
02	1.63	1.31	12	6.00	5.68	22	10.37	10.06
03	2.07	1.75	13	6.44	6.12	23	10.81	10.50
04	2.51	2.18	14	6.87	6.56	24	11.25	10.93
05	2.94	2.62	15	7.31	7.00	25	11.68	11.37
06	3.38	3.06	16	7.75	7.43	26	12.12	11.81
07	3.82	3.50	17	8.19	7.87	27	12.56	12.25
08	4.25	3.93	18	8.62	8.31	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			
411 05								

1" = 25.4mm.





TB200HB



3				
Series	Poles	Screw Options	Marking/Cover	Hardware Options
TB	-			
200 = Standard 200HB = High barrier	02 to 30	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, phillips (recess)	L1 to L6 Marking Strips (See page 318) Special Markings (See page 318) Covers (See page 318)	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







BS Brass SEMS Philslot Nickel-Plated



Steel SEMS Philslot Zinc-Plated



Steel SEMS (P-Style)



ST Stainless Steel Philslot



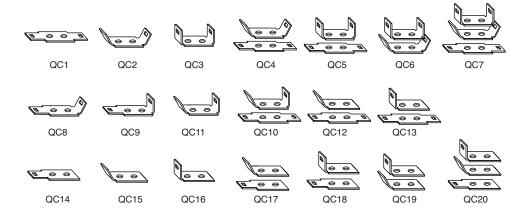
SS Stainless Steel SEMS Philslot



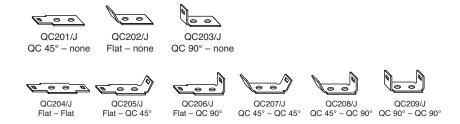
STR Stainless Steel Phillips (recess)

Hardware Options

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



Quick Connects - Bulk: minimum order per part no. - 100 pieces.



Jumpers - Bulk: minimum. order per part no. - 100 pieces. Contact Cooper Bussmann for jumper assembly.



J201/J Flat slip-on (not available on TB200HB)



OJ3/J Slip-on over barrier for TB200HB



OJ5/J Closed over barrier for TB200HB



OJ7/J Closed over



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 philslot screws

TB345 - #10-32 philslot 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.

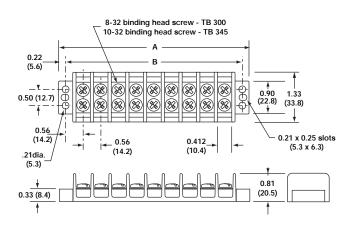
Dimensions - in

Poles	A	D	Poles	A	D	Poles	A	
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" OF	1							

1" = 25.4mm.



TB300 & TB345 - in (mm)



Series	Poles	Screw Options	Marking/Cover	Hardware Options
тв 🗌 📗 —				
300 = 8-32 screw 345 = 10-32 scre		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)	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



Screw Options



Brass Philslot Nickel-Plated



Brass SEMS Philslot Nickel-Plated



Steel SEMS Philslot Zinc-Plated



Steel SEMS (P-Style)



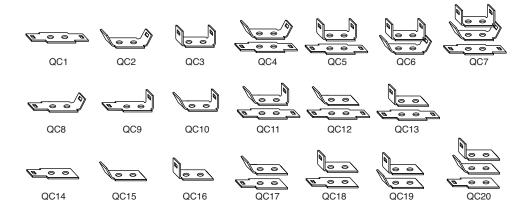
Stainless Steel Philslot



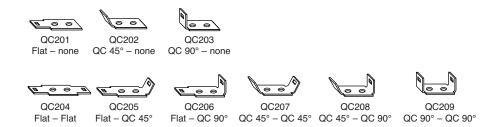
Stainless Steel Phillips (recess)

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.



Flat slip-on(TB300 only) Closed over barrier





OJ11 Slip-on over barrier



Marking Options and Covers for Double Row Series

Standard Marking

Standard markings are applied directly to the side(s) of a block. Standard color is white. Standard height is 0.125 inches (3.17mm).

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 catalog 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 Cooper Bussmann for price and delivery.

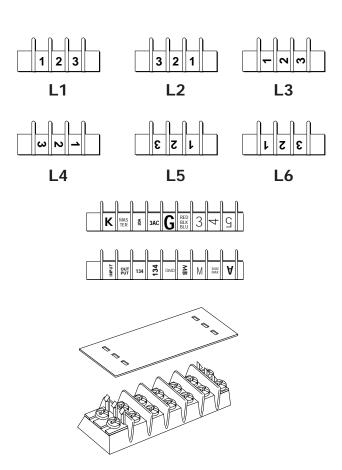
Note: Marking is not available on TB400 Series

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 (33.3mm).

All covers must be ordered separately. Consult Cooper Bussmann for special legends.

Example: 10 position cover, white, TB100 Series, no legends = Catalog Number **X12010**.



Catalog Number Build-A-Code

Series	Cover Strip	Poles	High Barrier Option Only	Cover Clips – Bulk
Х				Part Number DD1-J - TB100 Series
	120 - TB100/white 119 - TB100/clear	02 to 36 (TB100) 02 to 30 (TB200/TB200HB)	HB = High Barrier	DD2-J - TB200 Series DD2HB-J -TB200HB Series
	220 - TB200/TB200HB - white 219 - TB200/TB200HB - clear	02 to 24 (TB300/TB345)	Example: 10 position cover, white, TB100 Series, no legends	DD3-J - TB300 Series
	320 - TB300 & TB345 - white 319 - TB300 & TB345 - clear		Part number is X12010.	

Note: Covers are not available on TB400 Series.



Top & Bottom Marking Strips for 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.

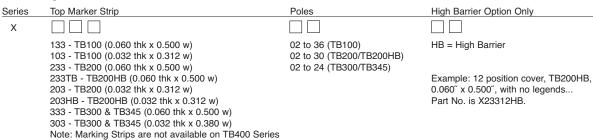
Example: 12 position cover, TB200, 0.032" x 0.312", with no

legends = Catalog Number X20312.

Example: 12 position cover, TB200HB, 0.06" x 0.50", with no

legends = Catalog Number X23312HB.

Catalog Number Build-A-Code



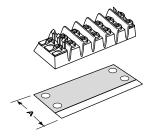
Bottom Marker Strips

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.

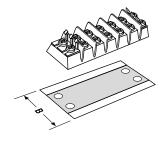
To order, specify part number, required legends and (BF) bottom forward, (BR) bottom reverse, (TF) top forward, or (TR) top reverse. Consult factory for specials.

Example: 13 position strip, TB100 with no legends, space for marking one side = Catalog Number **X10513**.

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



Space for marking one side



Space for marking two sides

Dimensions (in)

Dim.	TB100	TB200	TB200HE	3 TB300	TB345	TB400
A	1.13	1.37	1.62	1.58	1.58	N/A
В	1.38	1.62	1.81	1.81	1.81	N/A

	3			
Series	Bottom Marker Strip	Poles	High Barrier Option Only	Orientation
X				
	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 Note: Marking Strips are not available on TB400 Series.	02 to 36 (TB100) 02 to 30 (TB200/TB200HB) 02 to 24 (TB300/TB345)	HB = High Barrier	BF = Bottom forward BR = Bottom reverse TF = Top forward TR = Top reverse



Series TB400

Specifications

Description: Double row terminal blocks.

Ratings:

Volts: - 600V Amps: - 75A

Center Spacing: 0.687" or 11/16" (17.45mm)

Wire Range: #6-14 AWG Cu Screw Size: #10-32 philslot screws

Torque Rating: 20 lb-in.

Distance Between Barriers: 0.56" (14.3mm)

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 File E62622, CSA File 47235; IEC

Compliance; CE Certified

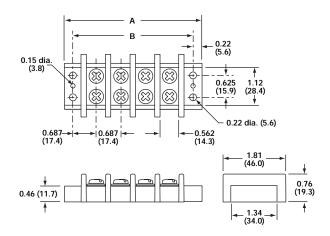
Dimensions - in

Poles	Α	В	Poles	Α	В	Poles	Α	В
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			

1" = 25.4mm.



TB400 - in (mm)



Screw Options







Brass Philslot Nickel-Plated

ST Stainless Steel Philslot

STR Stainless Steel Phillips (recess)

Hardware Options



OJ14: Closed over barrier

Catalog Number Build-A-Code

Series	Poles	Screw Options	Marking	Hardware Options
TB400 -				
	02 to 12	Blank = Steel philslot, zinc-plated 00 = Screws shipped bulk B = Brass philslot, nickel-plated ST = Stainless steel, phillips (recess)	Not available	0J14† - Jumper over barrier

†Contact factory for pole configuration.



Base Mount Double Row Terminal Blocks

Series KU

Specifications

Description: Base mount double row terminal blocks.

Ratings:

Volts: - 600V Amps: - 60A*

Center Spacing: 0.625" (15.88mm) Number of Poles: 2- to 12-poles Wire Range: #6-22 AWG Cu

Screw Size: #10-32 Torque Rating: 20 lb-in.

Distance Between Barriers: 0.437" (11.09mm)

Mounting: Base mount

Material: Molded base: Black, UL rated 94V1 Nuclear

Grade Noryl

Terminal plating: Nickel over brass

Operating Temperature: 105°C max.

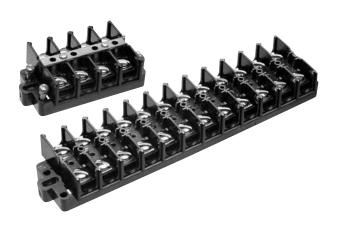
Agency Information: UL File E62622, CSA File 47235

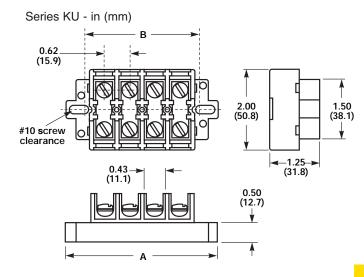
* 60A rating achieved with #6 copper wire crimped to ring terminal.

Dimensions - in

	KU		KUX Only	
Poles	Α	В	Α	
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	
1" - 25 /r	nm			







Catalog Number Build-A-Code

Series	Poles	Screw Options	Covers	Marking Strip
KU = Standard block KUH = Block KUX = Short block KURL = Standard w/removable link KUXRL = Short block w/removable link	02 to 12	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	WC = Top cover & 2 end plates	MT = Matte finish NU = Numbered 1 to 12, horizontal NUV = Numbered 1 to 12, vertical PT = Marker strip for cover
Catalog Number - SC Series KUSC = Standard w/shorting strap & 4 shorting screws KUXSC = Short block w/shorting strap & 4 Shorting screws	02 to 12	00 = Screws shipped bulk W = Brass washer head, nickel-plated P = Steel screw w/pressure plate zinc-plated	WC = Top cover & 2 end plates	PT* = Marker strip for cover
Accessories		B = Brass washer head, no plating BP = Brass philslot, nickel-plated		*Requires WC cover option



MTMU## Molded Marking Tape Matte Finish



NUM## Molded Marking Tape



Jumper

12 Circuits

NI E



NUE End Piece for NUC



NUC## Cover



Standard Base Terminal Blocks

Series TS — 8.0, 10.0, 12.0, 13.5mm centers

Specifications

 $\textbf{Description:} \ 8, \ 10, \ 12 \ \text{and} \ 13.5 \text{mm} \ \text{center, standard base}$

terminal blocks.

Construction: Mold to length polyamide type 6/6 housing, nickel-plated brass contacts and stainless steel wire

protector.
Ratings:

Volts: - 600V

Amps: - 20A (TS08)

- 30A (TS10)

- 35A (TS12)

- 50A (TS14)

Wire Range: See Specifications Table

Housing Material: Polyamide Type 6/6, 94V2 (white)

Contact Material: Nickel-Plated Brass **Wire Protector**: Stainless Steel

Screw Size: See Specifications Table

Operating Temperature: 105°C (221°F) max.,

-30°C (-22°F) min.

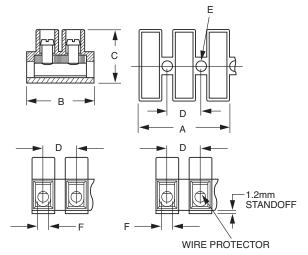
Torque Rating: See Specifications Table

Agency Information: UL File E62622; CE Certified

A Dimensions - in (mm)

Poles	TS08	TS10	TS12	TS14
2	0.622 (15.8)	0.689 (17.5)	0.815 (20.7)	0.906 (23.0)
3	0.937 (23.8)	1.083 (27.5)	1.287 (32.7)	1.437 (36.5)
4	1.252 (31.8)	1.476 (37.5)	1.760 (44.7)	1.969 (50.0)
5	1.567 (39.8)	1.870 (47.5)	2.232 (56.7)	2.500 (63.5)
6	1.882 (47.8)	2.264 (57.5)	2.705 (68.7)	3.031 (77.0)
7	2.232 (55.8)	2.657 (67.5)	3.177 (80.7)	3.563 (90.5)
8	2.512 (63.8)	3.051 (77.5)	3.650 (92.7)	4.094 (104.0)
9	2.827 (71.8)	3.445 (87.5)	4.122 (104.7)	4.626 (117.5)
10	3.142 (79.8)	3.839 (97.5)	4.594 (116.7)	5.157 (131.0)
11	3.457 (87.8)	4.232 (107.5)	5.067 (128.7)	5.689 (144.5)
12	3.772 (95.8)	4.626 (117.5)	5.539 (140.7)	6.220 (158.0)





Spe	ecifi	cati	ons

	Torque	Clamping	Wire Range	Dimension	ns - in (mm)				
Position	in-lb	Area (mm²)	AWG (Cu)	Screw	В	С	D	E	F
TS0801	3.5	4.0	22-12 Sol./Str.	M2.6x5	0.67 (17.0)	0.57 (14.5)	0.32 (8.0)	0.11 (2.9)	0.11 (2.8±0.1)
TS0802	3.5	1.5	22-12 Sol./Str	M2.6x5	0.67 (17.0)	0.57 (14.5)	0.32 (8.0)	0.11 (2.9)	0.11 (2.8±0.1)
TS1001	4.4	6.0	22-10 Sol., 14-10 Str.	M3.0x6	0.80 (20.2)	0.67 (17.0)	0.39 (10.0)	0.14 (3.6)	0.13 (3.4±0.1)
TS1002	4.4	2.5	22-12 Sol./Str, 10 Sol.	M3.0x6	0.80 (20.2)	0.67 (17.0)	0.39 (10.0)	0.14 (3.6)	0.13 (3.4±0.1)
TS1201	7.0	10.0	22-10 Sol./Str.	M3.5x7	0.94 (23.8)	0.75 (19.0)	0.47 (12.0)	0.14 (3.9)	0.15 (4.2±0.1)
TS1202	7.0	6.0	22-10 Sol./Str.	M3.5x7	0.94 (23.8)	0.75 (19.0)	0.47 (12.0)	0.15 (3.9)	0.15 (4.2±0.1)
TS1401	12.0	16.0	20-8 Sol./Str.	M4.0x9	1.01 (25.6)	0.99 (25.2)	0.53 (13.5)	0.17 (4.4)	0.19 (5.0±0.1)
TS1402	12.0	10.0	20-8 Sol /Str	M4 0v9	1.01 (25.6)	0.99 (25.2)	0.53 (13.5)	0.17 (4.4)	0.19 (5.0+0.1)

Serie	es Base	Poles	
TS			
	08 = 20A 10 = 30A 12 = 35A 14 = 50A	01 = Standard 02 = Standard w/ wire protector	02 to 12



Flat Base Terminal Blocks

Series TS — 8.0, 10.0mm centers

Specifications

Description: 8 and 10mm center, flat base terminal blocks. **Construction:** Mold to length polyamide type 6/6 housing, nickel-plated brass contact and stainless steel wire protector.

Ratings:

Volts: — 600V Amps: — 20A (TS08) — 30A (TS10)

Wire Range: See Specification Table

Housing Material: Polyamide Type 6/6, 94V2 (white)

Contact Material: Nickel-Plated Brass

Wire Protector: Stainless Steel Screw Size: See Specification Table

Operating Temperature: 105°C (221°F) max.,

-30°C (-22°F) min.

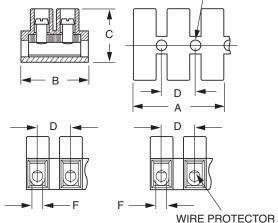
Torque Rating: See Specification Table

Agency Information: UL File E62622; CE Certified

A Dimensions - in (mm)

Poles	TS08	TS10
2	0.622 (15.8)	0.689 (17.5)
3	0.937 (23.8)	1.083 (27.5)
4	1.252 (31.8)	1.476 (37.5)
5	1.567 (39.8)	1.870 (47.5)
6	1.882 (47.8)	2.264 (57.5)
7	2.232 (55.8)	2.657 (67.5)
8	2.512 (63.8)	3.051 (77.5)
9	2.827 (71.8)	3.445 (87.5)
10	3.142 (79.8)	3.839 (97.5)
11	3.457 (87.8)	4.232 (107.5)
12	3.772 (95.8)	4.626 (117.5)





Specifications

	Torque	Clamping	Wire Range	Dimension	s - in (mm)				
Position	in-lb	Area (mm2)	AWG (Cu)	Screw	В	С	D	E	F
TS0803	3.5	4.0	22-12 Sol./Str.	M2.6x5	0.64 (16.3)	0.53 (13.3)	0.32 (8.0)	0.11 (2.9)	0.11 (2.8±0.1)
TS0804	3.5	1.5	22-12 Sol./Str	M2.6x5	0.64 (16.3)	0.52 (13.3)	0.32 (8.0)	0.11 (2.9)	0.11 (2.8±0.1)
TS1003	4.4	6.0	22-10 Sol., 14-10 Str.	M3.0x6	0.80 (20.2)	0.62 (15.8)	0.39 (10.0)	0.14 (3.6)	0.13 (3.2±0.1)
TS1004	4.4	2.5	22-12 Sol./Str., 10 Sol.	M3.0x6	0.80 (20.2)	0.62 (15.8)	0.39 (10.0)	0.14 (3.6)	0.13 (3.2±0.1)

Series Base		Poles				
TS						
	08 = 20A	03 = Flat	02 to 12			
	10 = 30A	04 = Flat w/ wire protector				



Raised Base Terminal Blocks

Series TS - 8.0, 10.0mm centers

Specifications

Description: 8 and 10mm center, raised base terminal

blocks.

Construction: Mold to length polyamide type 6/6 housing, nickel-plated brass contacts and stainless steel wire

protector.

Ratings:

Volts: - 600V

Amps: - 20A (TS08)

- 30A (TS10)

Wire Range: See Table

Housing Material: Polyamide Type 6/6, 94V2 (white)

Contact Material: Nickel-plated Brass

Wire Protector: Stainless Steel

Screw Size: See Table

Operating Temperature: 105°C (221°F) max.,

-30°C (-22°F) min.

Torque Rating: See Table

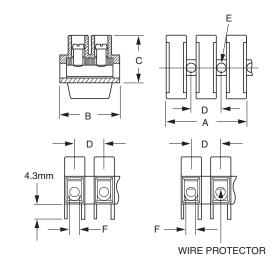
Agency Information: UL File E62622; CE Certified

A Dimensions

7	010110		
Poles	TS08	TS10	
2	0.622 (15.8)	0.689 (17.5)	
3	0.937 (23.8)	1.083 (27.5)	
4	1.252 (31.8)	1.476 (37.5)	
5	1.567 (39.8)	1.870 (47.5)	
6	1.882 (47.8)	2.264 (57.5)	
7	2.232 (55.8)	2.657 (67.5)	
8	2.512 (63.8)	3.051 (77.5)	
9	2.827 (71.8)	3.445 (87.5)	
10	3.142 (79.8)	3.839 (97.5)	
11	3.457 (87.8)	4.232 (107.5)	
12	3.772 (95.8)	4.626 (117.5)	
		•	



Note: TS Series standard base pictured above



Specifications

	Torque	Clamping	Wire Range	Dimension	ns - in (mm)				
Position	in-lb	Area (mm²)	AWG (Cu)	Screw	В	С	D	E	F
TS0805	3.5	4.0	22-12 Sol./Str.	M2.6x5	0.64 (16.30)	0.67 (16.90)	0.32 (8.00)	0.11 (2.90)	0.11 (2.8±0.1)
TS0806	3.5	1.5	22-12 Sol./Str	M2.6x5	0.64 (16.30)	0.67 (16.90)	0.32 (8.00)	0.11 (2.90)	0.11 (2.8±0.1)
TS1005	4.4	6.0	22-10 Sol., 14-10 Str.	M3.0x6	0.80 (20.20)	0.79 (20.10)	0.39 (10.00)	0.14 (3.60)	0.13 (3.2±0.1)
TS1006	4.4	2.5	22-12 Sol./Str., 10 Sol.	M3.0x6	0.80 (20.20)	0.79 (20.10)	0.39 (10.00)	0.14 (3.60)	0.13 (3.2±0.1)

Series		Base	Poles	
TS				
	08 = 20A	05 = Raised	02 to 12	
	10 = 30A	06 = Raised w/ wire protector		