

Product Data Sheet



145X596

Replace "X" with 1, 2 or 3 for number of poles

Power Splicer/Stud Block 545 Amps, 600 Volts (AC/DC)

Wire Range:

Line side: (1) 1000 kcmil – 500 kcmil

Load Side: (2) 3/8 - 16 X 1 3/16 stud



Electrical Ratings:

- 545A copper wire, 445A Aluminum wire (Based on NEC Table 310-16, 75°C columns)
- 600 Volts AC/DC (UL 1059 Class C, User Group - General Industrial)
- Factory and Field Wiring
- Studs intended for use with listed crimp/compression lugs.

Mechanical Ratings:

- Maximum insulator base temperature: 150 °C (302 °F) UL RTI
- Storage and transportation temperature range: -35 °C to 125 °C (-31 °F to 257 °F)
- Flammability rating of insulator base: UL 94 V-0
- * Use outside these ratings needs to be judged in the end-use application.

Materials:

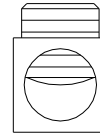
- Connector: High conductivity aluminum, tin plated
- Insulator base: phenolic
- Terminal set screws: Aluminum, tin plated
- Connector mounting screws: Steel, zinc plated
- Threaded stud: brass, tin plated
- Hex nut: brass, nickel plated (1 supplied per stud)

Agency Approvals:

- UL Recognized, UL 1059 Terminal Block Standard, File No. XCFR2.E62806
- CSA Certified, CSA C22.2 No. 158, File No. LR19766 (Wire Classes B & C only)
- CE compliant to IEC 60947-7-1
- RoHS Compliant

Wire Approvals:

Line Side Wire Approvals:

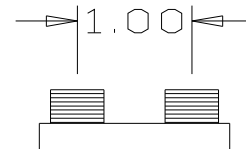


		Copper Wire Stranding Classes - Number of Strands						
Wire Size	Torque	Solid	Class B	Class C	Class G	Class H	Class I	Class K
1000 kcmil	600 in. lbs		61	61				
750	600 in. lbs		61	61	~ 427	~ 427		
600	600 in. lbs		37	61	~ 427	~ 427	~ 1470	
500	600 in. lbs		37	61	~ 259	~ 427	~ 1225	~ 5054

~Quantity of strands for Classes G, H, I, K may vary by manufacturer.

Aluminum stranded wire range: 1000 kcmil 500 kcmil – #4 AWG

Load Side Wire Approvals:



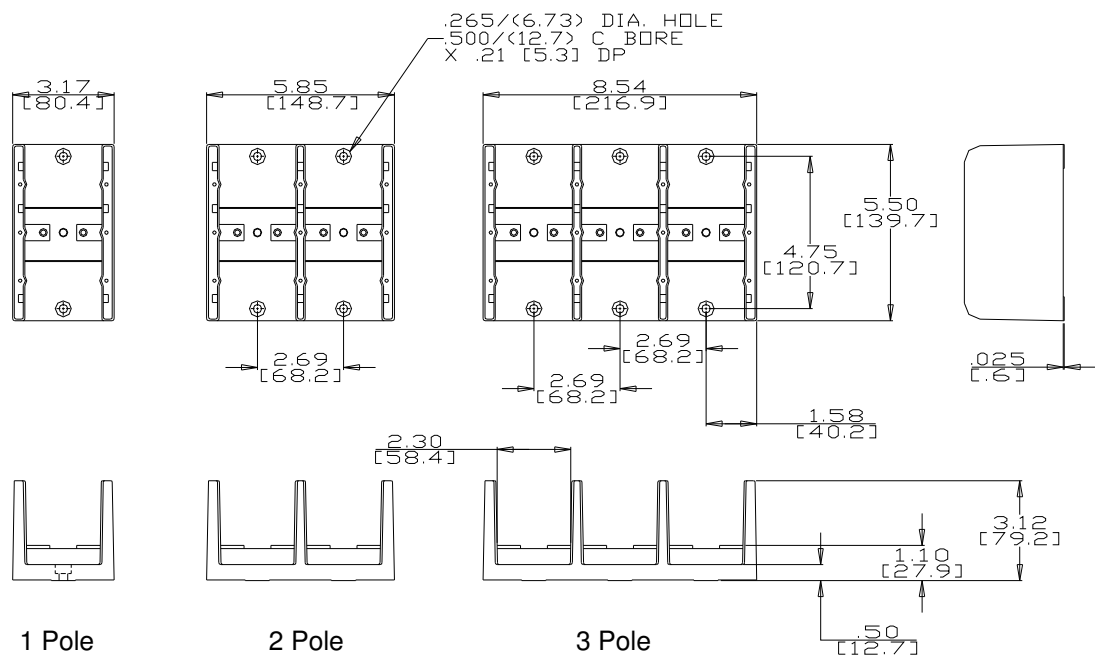
3/8 - 16 x 1 5/16" long threaded studs to accept Listed ring lugs or buss bar.

Hex nut: 9/16" Across flats, torque to 192 in. lbs.

- Wire strip length, line side tap – 2 1/8"
- Hex key needed – line side: 9/16"
- Panel mountable: 1/4" (M6) fastener, torque to 30 - 40 in. lbs.

Accessories:

- Cover: Clear protective plastic cover. Catalog description CC145X ("X" numbers of poles: 1,2 or 3)
- Marking strip: White vinyl strip to mark circuits. Supplied with mounting screws.
- Printing available. Consult factory.



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