

Product Data Sheet



133X273 CH

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

Power Splicer/Stud Block 510 Amps, 600 Volts (AC/DC)

See tables below for Flexible stranded and multiple wire approvals.

Wire Range:

Line side: M10 X 30

Load Side: (12) #4 – #14 AWG

Electrical Ratings:

- 510A Copper wire, 510A 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

Mechanical Ratings:

- Maximum insulator base and cover temperature: 125°C (257°F) UL RTI
- Storage and transportation temperature range: -35°C to 110°C (-31°F to 230°F)
- Flammability rating of insulator base and cover: 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: glass filled polycarbonate (thermoplastic)
- Terminal set screws: Steel, nickel plated
- Studs: Brass, tin plated
- Nuts: Brass, nickel plated
- Connector mounting screws: Steel, zinc plated
- Hinged Cover: glass filled polycarbonate (thermoplastic)

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

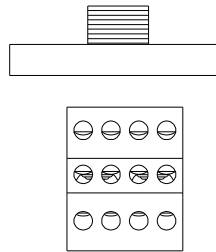


Wire Approvals:

Line Side Torque Approvals:

M10 X 30 Stud: 192 in. lbs

Load 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 |
| 4 AWG | 35 in. lbs | | 7 | 19 | | | | |
| 6 | 35 in. lbs | | 7 | 19 | ~ 49 | ~ 133 | ~ 63 | ~ 266 |
| 8 | 35 in. lbs | | 7 | 19 | ~ 49 | ~ 133 | ~ 41 | ~ 168 |
| 10 | 35 in. lbs | 1 | (1-2)* 7 | (1-2)* 19 | | | (1-2)* ~ 27 | (1-2)* ~ 104 |
| 12 | 35 in. lbs | 1 | (1-4)* 7 | (1-4)* 19 | | | (1-2)* ~ 19 | (1-2)* ~ 65 |
| 14 | 35 in. lbs | 1 | (1-4)* 7 | (1-4)* 19 | | | (1-2)* ~ 19 | (1-2)* ~ 41 |

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

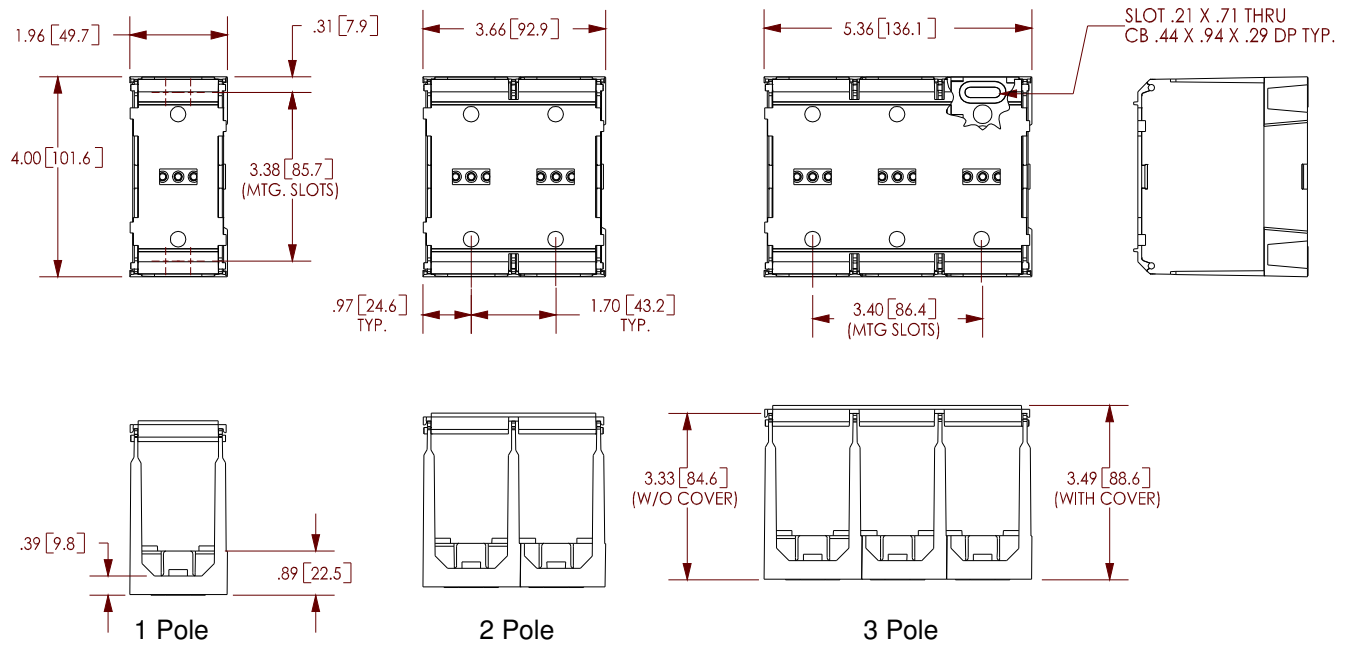
* Multiple conductor approvals (copper wire only)

Aluminum Wire Range: #4 – #8 AWG

- Wire strip length, load side taps: top – 1/2", middle – 11/16", bottom – 13/16"
- Hex key required : 1/8"
- Panel mountable: #10 fastener, torque to 25-30 in. lbs.

Accessories:

- Marker Strips. Printing available. Consult factory.



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