

Product Data Sheet



812 GP XX

Replace "XX" with 01 through 18 for number of poles

Terminal Block– Open Back
30 Amps, 600 Volts (AC/DC)



(6 Pole shown)

Insulator Strip Required for Voltage Rating

Copper Wire Only

Wire Range with Wire Binding Screw: #12 - #14 AWG

9/16" Centers

Application torque: 16 in. lbs

Electrical Ratings:

- 30A with Listed ring lug or unprepared wire, (Based on NEC Table 310-16, 75°C columns)
- 600 Volts AC/DC (UL 1059 Class B, User Group – Commercial Appliances)
- Short Circuit Current Rating: 10,000A (Default)
- Approved for Factory Wiring.

Mechanical Ratings:

- Storage and transportation temperature range: -35°C to 110°C (-31°F to 230°F)*
- Maximum insulator base temperature: 150°C (302°F)* UL RTI
- Flammability rating of insulator base: UL 94V-1

* Use outside these ratings needs to be judged in the end-use application.

Materials:

- Connector (Eyelet): Brass, tin plated.
- Insulator base: Phenolic
- Screw, #8-32 Binder head, Phil-Slot: Steel, nickel plated

Agency Approvals:

- UL Recognized, UL 1059 Terminal Block Standard, File No. XCFR2.47811
- CSA Certified, CSA C22.2 No. 158, File No. LR19766
- CE compliant, IEC 60947-7-1

- RoHS Compliant

Wire Range:

| Wire Size | Torque | Copper Wire Stranding Classes - Number of Strands | | |
|-----------|------------|---------------------------------------------------|---------|---------|
| | | Solid | Class B | Class C |
| 12 | 16 in. Lbs | 1 | 7 | 19 |
| 14 | 16 in. Lbs | 1 | 7 | 19 |

Suggested product mounting hardware: #10 fastener, torque to 25-30 in. lbs.

ACCESSORIES:

- JJ (GDI-30F) Material available. Glass-fiber filled, diallyl ortho-phthalate. UL-94 V0. Certifiable to Military Specifications MIL-M-14 and MIL-P-19833.

- Printing (

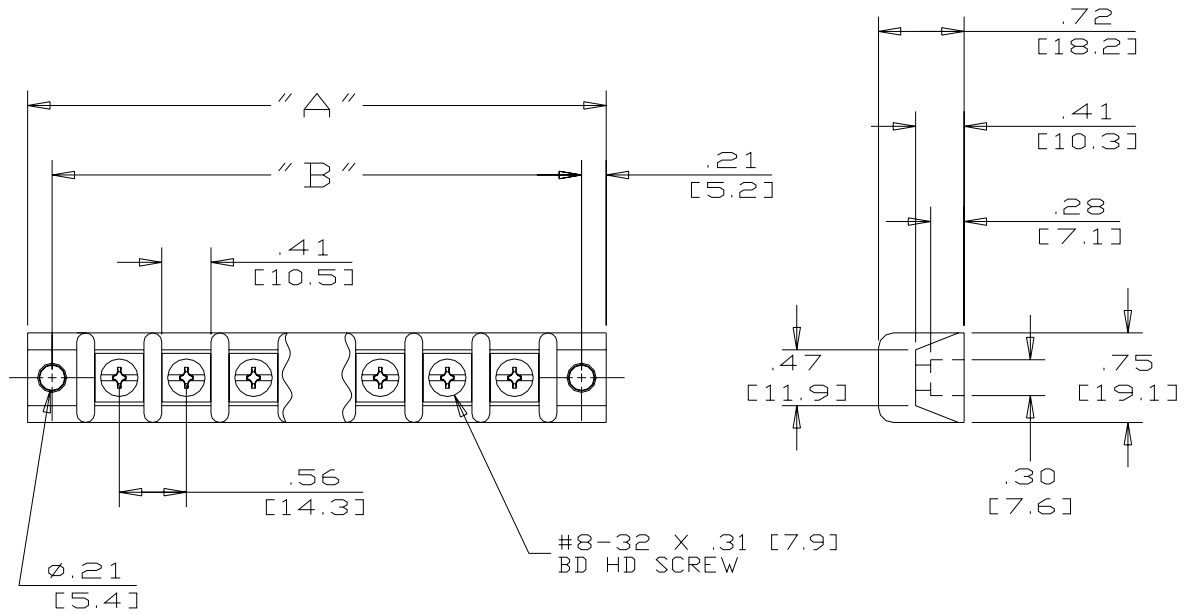
- Marking strips - sub mounted or top mounted. Can be made from XP (general purpose laminate), XXXPFR (flame retardant), GME (glass cloth melamine), or GEE (glass cloth epoxy) material.



- Insulator strips - sub mounted, black only (BB) (Printing Unavailable). Insulator Strip will be the same width as the molding.

- Phil-Slot Brass Screw (PSB)

Accessory options may affect ratings – consult factory



| Catalog No | # of Poles | Dimensions | | | X | Catalog No | # of Poles | Dimensions | |
|------------|------------|------------|------|--|-----------|------------|------------|------------|---|
| | | A | B | | | | | A | B |
| 812 GP 01 | 1 | 1.53 | 1.13 | | 812 GP 10 | 10 | 6.59 | 6.19 | |
| 812 GP 02 | 2 | 2.09 | 1.69 | | 812 GP 11 | 11 | 7.16 | 6.75 | |
| 812 GP 03 | 3 | 2.66 | 2.25 | | 812 GP 12 | 12 | 7.72 | 7.31 | |
| 812 GP 04 | 4 | 3.22 | 2.81 | | 812 GP 13 | 13 | 8.29 | 7.87 | |
| 812 GP 05 | 5 | 3.79 | 3.37 | | 812 GP 14 | 14 | 8.85 | 8.43 | |
| 812 GP 06 | 6 | 4.35 | 3.93 | | 812 GP 15 | 15 | 9.42 | 8.99 | |
| 812 GP 07 | 7 | 4.92 | 4.49 | | 812 GP 16 | 16 | 9.97 | 9.56 | |
| 812 GP 08 | 8 | 5.48 | 5.05 | | 812 GP 17 | 17 | 10.54 | 10.12 | |
| 812 GP 09 | 9 | 6.05 | 5.61 | | 812 GP 18 | 18 | 11.10 | 10.68 | |

MM = Dim X 25.4