

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 (for printing options, see Terminal Block Printing on website)

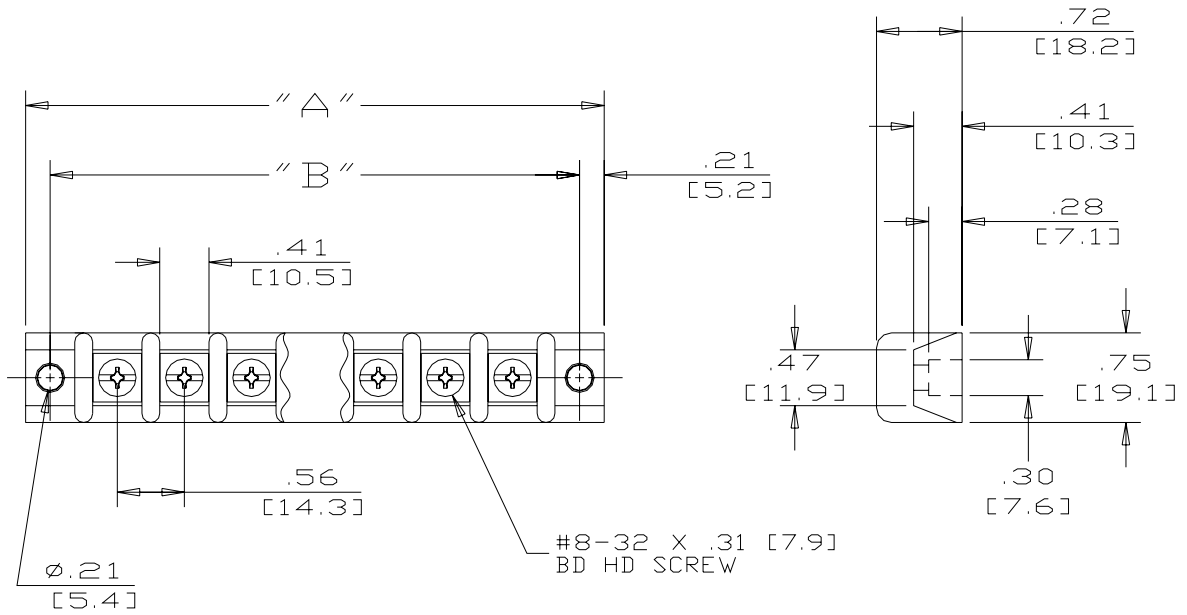
- Marking strips - sub mounted or top mounted. Can be made from XP (general purpose laminate), XXXPFR (flame retardant), GME (glass cloth melamine), or GEE (glass cloth epoxy) material. (For Printing Options, see section on website)



- 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	X	812 GP 10	10	6.59	6.19
812 GP 02	2	2.09	1.69	X	812 GP 11	11	7.16	6.75
812 GP 03	3	2.66	2.25	X	812 GP 12	12	7.72	7.31
812 GP 04	4	3.22	2.81	X	812 GP 13	13	8.29	7.87
812 GP 05	5	3.79	3.37	X	812 GP 14	14	8.85	8.43
812 GP 06	6	4.35	3.93	X	812 GP 15	15	9.42	8.99
812 GP 07	7	4.92	4.49	X	812 GP 16	16	9.97	9.56
812 GP 08	8	5.48	5.05	X	812 GP 17	17	10.54	10.12
812 GP 09	9	6.05	5.61	X	812 GP 18	18	11.10	10.68

MM = Dim X 25.4