

# Product Data Sheet



## 603 JJ XX Cres

Replace "XX" with 01 through 12 for number of poles

**Terminal Block– Open Back**

**50 Amps, 600 Volts (AC/DC)**



(5 Pole shown)

**Insulator Strip Required for Voltage Rating**

**Copper Wire Only**

Wire Range with Wire Binding Screw: #10 - #12 AWG

Wire Range with Listed Ring or Fork Lug: #6 – 16 AWG

11/16" Centers

Application torque: 20 in. lbs

### **Electrical Ratings:**

- 50A with wire binding screw, (Based on NEC Table 310-16, 75 °C columns)
- 65A with Listed ring or lug, (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 and Field Wiring.

### **Mechanical Ratings:**

- Storage and transportation temperature range: -35 °C to 110 °C (-31 °F to 230 °F)\*
- Maximum insulator base temperature: 130 °C (266 °F)\* UL RTI
- Flammability rating of insulator base: UL 94V-0

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

### **Materials:**

- Connector: Brass, tin plated.
- Insulator base: JJ (GDI-30F). Glass-fiber filled, diallyl ortho-phthalate.
- Screw, #10-32 Machine Screw: Stainless steel
- Rivet: Brass, tin plated.

### **Agency Approvals:**

- UL Recognized, UL 1059 Terminal Block Standard, File No. XCFR2.E47811
- CSA Certified, CSA C22.2 No. 158, File No. LR19766
- CE compliant, IEC 60947-7-1

- RoHS Compliant
- Material certifiable to Military Specifications MIL-M-14 and MIL-P-19833.

### Wire Range (with Wire Binding Screw):

Wire Size	Torque	Copper Wire Stranding Classes - Number of Strands		
		Solid	Class B	Class C
10	20 in. Lbs	1	7	19
12	20 in. Lbs	1	7	19

### Wire Range (with Listed Ring or Fork Lug):

Wire Size	Torque	Copper Wire Stranding Classes - Number of Strands		
		Solid	Class B	Class C
6	20 in. lbs	1	7	19
8	20 in. lbs	1	7	19
10	20 in. lbs	1	7	19
12	20 in. lbs	1	7	19
14	20 in. lbs	1	7	19
16	20 in. lbs	1	7	19

Suggested product mounting hardware: #8 fastener, torque to 15 - 20 in. lbs.

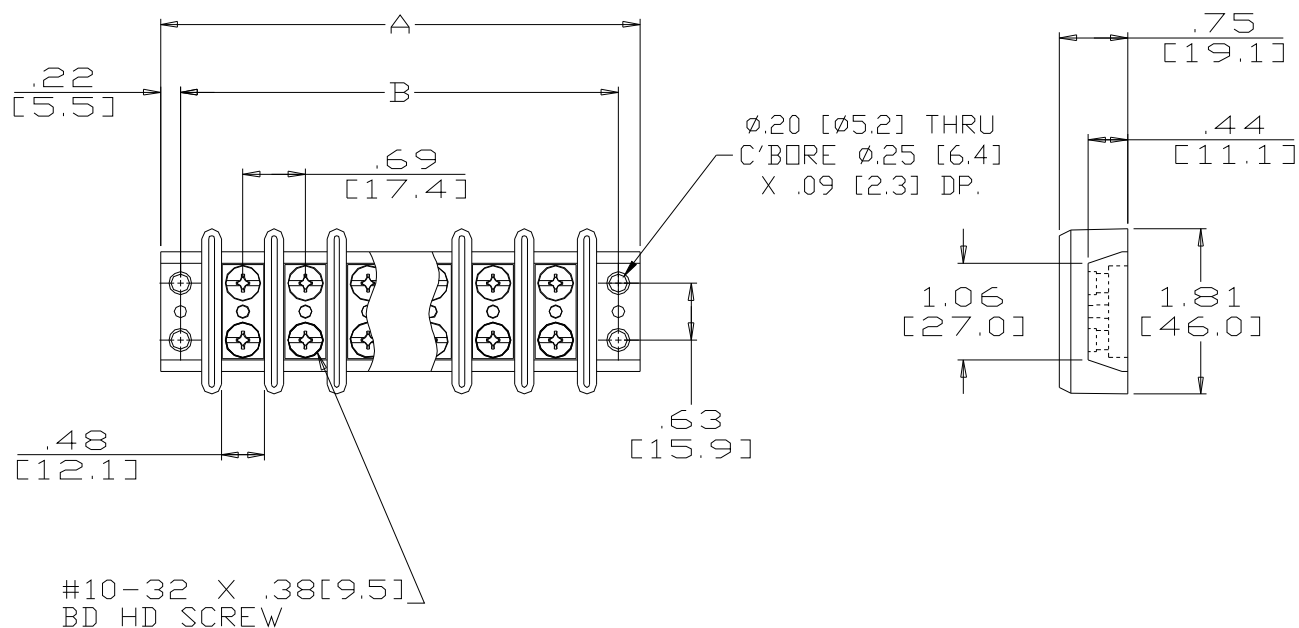
### ACCESSORIES:

- 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.



#### Dimensions

		A	B
603 GP 01	1	1.81	1.38
603 GP 02	2	2.50	2.06
603 GP 03	3	3.19	2.75
603 GP 04	4	3.88	3.44
603 GP 05	5	4.56	4.13
603 GP 06	6	5.25	4.81
603 GP 07	7	5.94	5.50
603 GP 08	8	6.62	6.19
603 GP 09	9	7.31	6.87
603 GP 10	10	8.00	7.56
603 GP 11	11	8.68	8.25
603 GP 12	12	9.37	8.94

MM = Dim X 25.4

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