

# Product Data Sheet



## POWER DISTRIBUTION BLOCK

# 985 GP XX

Replace "XX" with 02 thru 12 for number of poles



### Wire Range

- #4 - #18 AWG Copper Wire Only

### Electrical Ratings

- 85A (Based on NEC Code)
- 600 Volts AC/DC (UL 1059 Class C, Use Group - General Industrial)
- Short Circuit Current Rated for 10,000 Amps.
- Factory and Field Wiring

### Agency Compliance

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

### Material Information

- Connector: High conductivity aluminum, tin plated
- Insulator base: phenolic
- Terminal set screws: Steel, tin plated
- Hex Screw: Steel

Wire Approvals:

|           |            | Copper Wire Stranding Classes - Number of Conductors |         |         |
|-----------|------------|--|---------|---------|
| Wire Size | Torque     | Solid  | Class B | Class C |
| 4         | 16 in. lbs | N/A  | 1       | 1       |
| 6         | 16 in. lbs | N/A  | 1       | 1       |
| 8         | 16 in. lbs | N/A  | 1 or 2* | 1 or 2* |
| 10        | 16 in. lbs | 1 to 4 *   | 1 to 4* | 1 to 4* |
| 12        | 16 in. lbs | 1 to 4 *   | 1 to 4* | 1 to 4* |
| 14        | 16 in. lbs | 1 to 6 *   | 1 to 6* | 1 to 6* |
| 16        | 16 in. lbs | 1 to 6 *   | 1 to 6* | 1 to 6* |
| 18        | 16 in. lbs | 1 to 8*  | 1 to 8* | 1 to 8* |

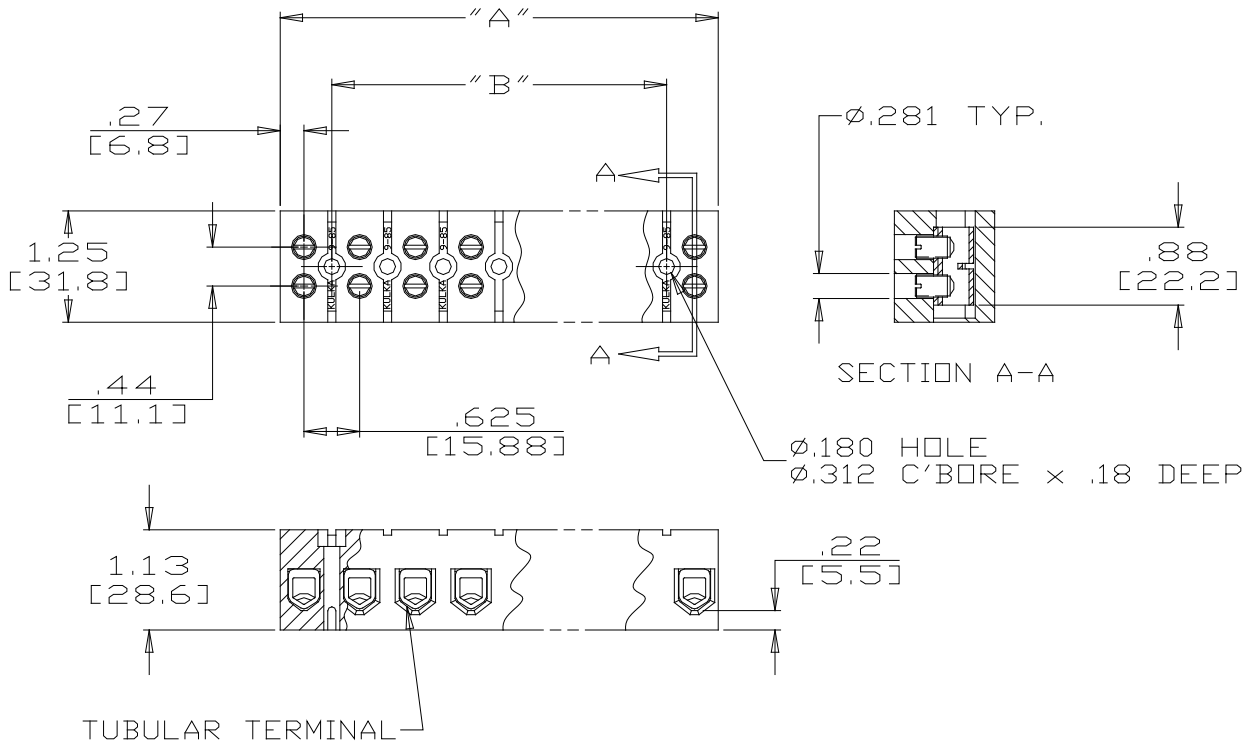
\*If using two or more conductors, they must be the same size

- Wire strip length – 9/16"

Mounting:

- Panel mountable:
- #8 fastener
- Mounting torque to be determined in end use application not to exceed 20 lb.in

Drawing



| Catalog # | # of Poles | A    | B    |
|-----------|------------|------|------|
| 985 GP 02 | 2          | 1.16 | N/A  |
| 985 GP 03 | 3          | 1.78 | 0.63 |
| 985 GP 04 | 4          | 2.41 | 1.25 |
| 985 GP 05 | 5          | 3.03 | 1.88 |
| 985 GP 06 | 6          | 3.66 | 2.50 |
| 985 GP 07 | 7          | 4.28 | 3.13 |
| 985 GP 08 | 8          | 4.90 | 3.75 |
| 985 GP 09 | 9          | 5.53 | 4.38 |
| 985 GP 10 | 10         | 6.15 | 5.00 |
| 985 GP 11 | 11         | 6.78 | 5.63 |
| 985 GP 12 | 12         | 7.40 | 6.25 |