

# Product Data Sheet



## 985 GP XX

Replace XX with 02 thru 12 for number of poles

### 985 Series

### Deadfront Type

85 Amps, 600 Volts AC/DC



#### Wire Range:

#4 - #18 AWG Copper

#4 - #12 AWG Aluminum

[See tables below for wire sizes and flexible stranded wire approvals.](#)

#### Electrical Ratings:

- 85A (Based on NEC Table 310-16, 75°C columns)
- 600 Volts AC/DC (UL 1059 Class C, User Group - General Industrial)
- Short Circuit Current Rated for 10,000 Amps.
- Factory and Field Wiring

#### Mechanical Ratings:

- Maximum insulator base temperature: 150°C (302°F) UL RTI
- Storage and transportation temperature range: -35°C to 125°C (-31°F to 257°F)
- Flammability rating of insulator base: 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: phenolic
- Terminal set screws: Steel, 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 to IEC 60947-7-1
- RoHS Compliant

## 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	20 in. lbs		7	19				
6	20 in. lbs		7	19	49	133	63	266
8	20 in. lbs		(1 - 2)* 7	(1 - 2)* 19	49	133	41	168
10	20 in. lbs	(1 - 4)* 1	(1 - 4)* 7	(1 - 4)* 19			(1-2)* 27	(1-2)* 104
12	20 in. lbs	(1 - 4)* 1	(1 - 4)* 7	(1 - 4)* 19			(1-2)* 19	(1-2)* 65
14	20 in. lbs	(1 - 6)* 1	(1 - 6)* 7	(1 - 6)* 19			(1-2)* 19	(1-2)* 41
16	20 in. lbs	(1 - 6)* 1	(1 - 6)* 7	(1 - 6)* 19				(1-2)* 26
18	20 in. lbs	(1 - 8)* 1	(1 - 8)* 7	(1 - 8)* 19				(1-2)* 16

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

\*Multiple conductors

Aluminum Stranded wire range: #4 - #12 AWG.

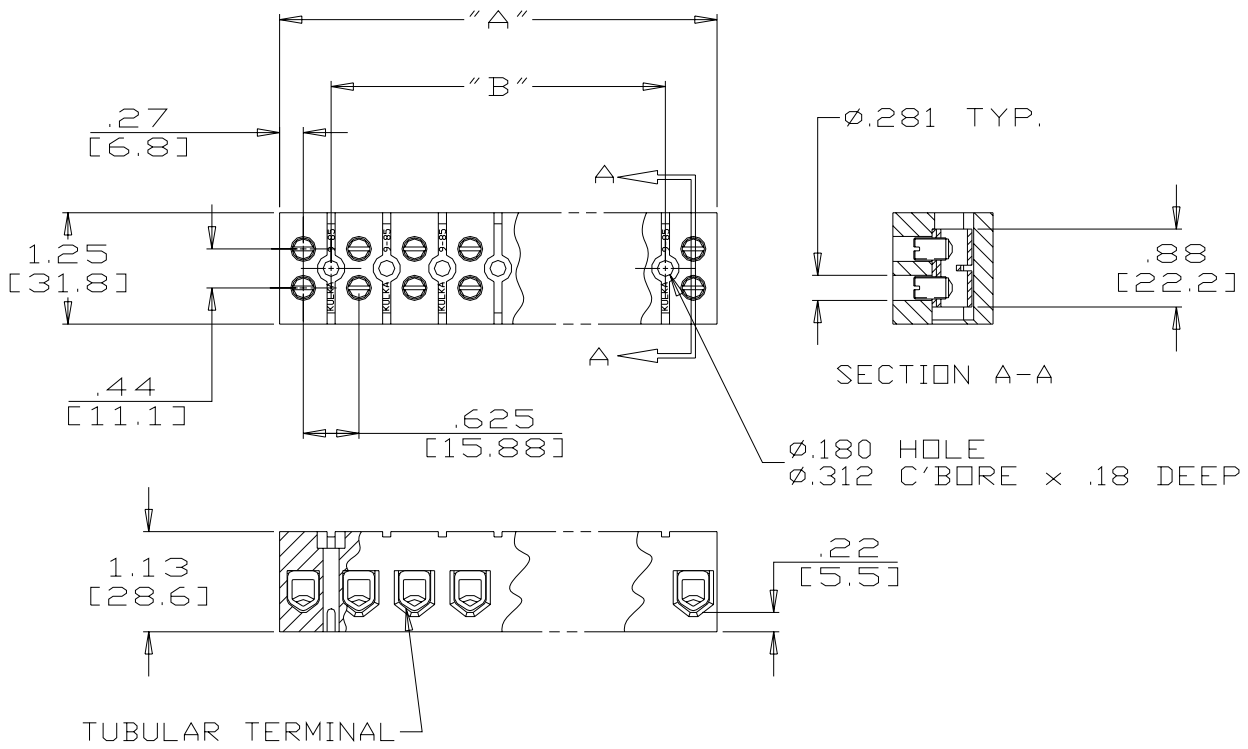
- Wire strip length – 9/16”
- Panel mountable: #10 fastener, torque to 25-30 in. lbs.

### Accessories:

- Printing Available on Marking Strip



Consult factory for custom printed applications



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

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