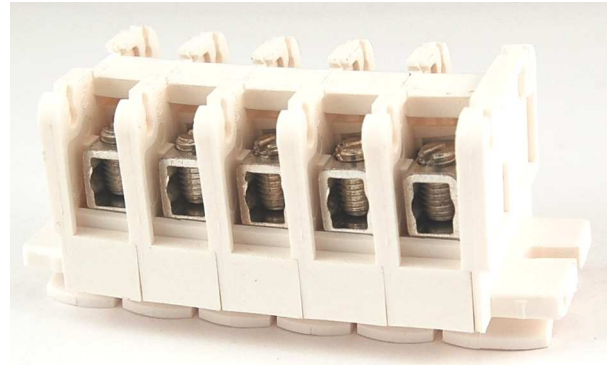


# Product Data Sheet



## 6H12-TSCU-C

1/2" Sectional Terminal Block  
Channel Mount  
70 Amps, 600 Volts (AC/DC)



**24 Circuits Per Foot**

**Copper Wire Only**

Wire Range with Wire Binding Screw: #4 - #16 AWG

Wire Termination Torque: 20 in. lbs

**See table below for Wire Classes and torque**



TS: Tubular Screw

### Electrical Ratings:

- 70A (Based on NEC Table 310-16, 75°C columns)
- 600 Volts AC/DC (UL 1059 Class C, User Group – General Industrial)
- Short Circuit Current Rating: 10,000A (Default)
- Factory and field wiring

### Mechanical Ratings:

- Storage and transportation temperature range: -35°C to 110°C (-31°F to 210°F)\*
- Maximum insulator base temperature: 105°C (221°F)\* UL RTI
- Flammability rating of insulator base: UL 94V-0
- Water Absorption 0.9% (per ASTM D-570) (24 Hours. % Wt. Gain)

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

### Materials:

- Insulator base: White Nylon Type 6/6
- Tubular Screw Connector: Copper, tin plated
- Screw, #1/4-28: Steel, nickel plated

### Agency Approvals:

- UL Recognized, UL 1059 Terminal Block Standard, File No. XCFR2.E62806
- CSA Certified, CSA C22.2 No. 158, File No. LR19766
- CE compliant, IEC 60947-7-1
- RoHS Compliant

### Wire Range:

		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		7	19	~ 49	~ 133	~ 41	~ 168
10	20 in. lbs	1	7	19			~ 27	~ 104
12	20 in. lbs	(1-3)* 1	(1-3)* 7	(1-3)* 19			(1-2)* ~ 19	(1-2)* ~ 65
14	20 in. lbs	(1-4)* 1	(1-4)* 7	(1-2)* 19			(1-2)* ~ 19	(1-2)* ~ 41
16	20 in. lbs	1	7	19				(1-2)* ~ 26

~ Qty of Individual Strands in Wire Classes G thru K may vary by manufacturer.

\* Numbers in parenthesis indicate multiple conductor approvals

Suggested product mounting hardware: #8 (M4) fastener, torque to 15-20 in. lbs.

### ACCESSORIES:

- Jumper: J-12



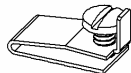
- End section: 6H12-E-C



- Marking Strip (1/2" x 2" white): MS

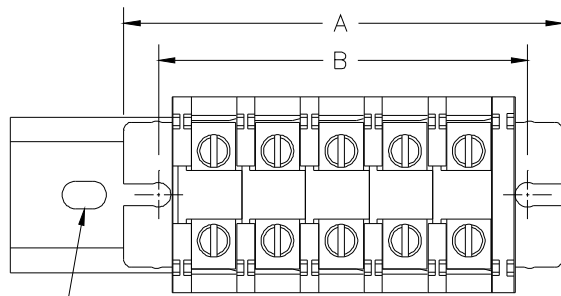


- Mounting Clamp: MC



- Channel: MPC-3 (3 foot channel) or MPC-6 (6 foot channel)

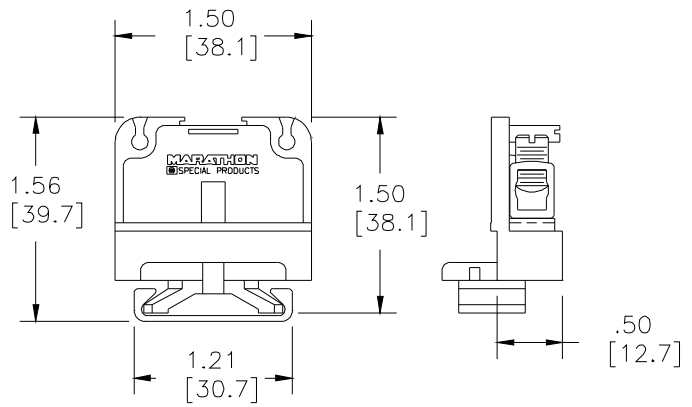
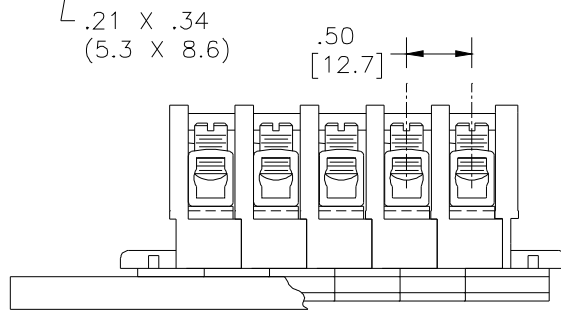




$$A = .91 + (.500 \times E)$$

$$B = .37 + (.500 \times E)$$

E = No. of Poles



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