



## Product Data Sheet

# 133X565

Replace "x" with 1, 2, or 3 for number of poles  
Add suffix "CH" for snap-on hinged cover  
Power Terminal Block

## 420 Amps 600 Volts AC/DC

### Wire Range

- Line: (1) 600kcmil - #2 AWG
- Load: (2) 250kcmil - #6 AWG

### Electrical Ratings

- 420 Amps
- 600V per UL 1059 & CSA 22.2 No.158, Class B & C requirements
- SCCR of 10,000 A (default for terminal blocks)..
- CU7AL - 75°C connector terminal rating with copper or aluminum wire
- Factory & Field Wiring

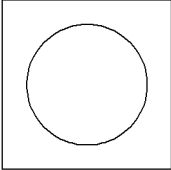
### Agency Compliance

- UR - UL Recognized Terminal Block, Evaluated to UL 1059, File No.XCFR2.E62806
- CSA - certified to C22.2 No. 158, File No. LR19766 (wire classes B & C only)
- CE compliant to IEC 60947-7-1

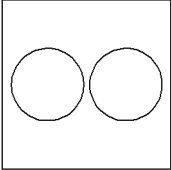
### Material Information

- Insulator base:
  - Thermoplastic
  - Flammability rating of insulator base UL94V0
  - Insulator base temperature rating: -40°C to 125°C (UL RTI)
- Connector: aluminum, tin plated
- Terminal screws: aluminum, tin plated
- Connector mounting screws: steel, zinc plated
- RoHS compliant

## Termination Specifications

Line Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) <sup>1</sup>
	600 - 500 kcmil	42.4 N·m (375 lbf·in)	1	B, C
	400 - 2	42.4 N·m (375 lbf·in)	1	B, C, G, H, I (IDO)

- Aluminum stranded wire range: 600 kcmil - #2 AWG
- Wire strip length: 5/8 in. (16mm)
- Terminal screw drive: 1/2in. hex

Load Side	Wire Size (CU Stranded)	Torque	Wires / Terminal	Wire Class (UL) <sup>1</sup>
	250 kcmil	31.1 N·m (275 lbf·in)	1	B, C
	4/0	31.1 N·m (275 lbf·in)	1	B, C, G, H
	3/0 - 2	31.1 N·m (275 lbf·in)	1	B, C, G, H, I (IDO)
	4 - 6	31.1 N·m (275 lbf·in)	1	B, C

- Aluminum stranded wire range: 250 kcmil - #6 AWG
- Wire strip length:
  - top row: 1 7/16 in. (37mm)
- Terminal screw drive: 5/16 in. hex

<sup>1</sup> For information on copper stranded wire classes please reference:  
<http://www.marathonsp.com/CatalogPDFs/Flexible-Stranded-Wire.pdf>

## Installation & Accessories

- Mounting (Panel):
  - For use with #10 fastener.
  - Torque mounting fastener to 25-30 lbf-in (2.8 - 3.4 N·m).
- Covers:
  - Snap-on hinge covers available upon request
  - Catalog Number: CH133x (replace "x" with number of poles)
  - Covers are black thermoplastic
  - Accessory covers are not intended to provide insulation for electrical spacings.
- Marker Strip: white vinyl strip with mounting screws available.
- Printing options available, consult customer service for specifications.

## Drawing

