

# Product Data Sheet



## 135X701 CH

Power Distribution Block –  
Splicer Type  
475 Amps, 600 Volts (AC/DC)



Provides Feeder Circuit Terminal Spacing up to 600 Volts per UL 508A, Section 10.

### Wire Range:

Line Side: (1) 750kcmil – 1/0 AWG

Load Side: (1) 750 kcmil – 1/0 AWG

[See tables below for SCCR wire ranges, flexible stranded and multiple wire approvals.](#)

### Electrical Ratings:

- 475A copper wire, 385A aluminum wire (Based on NEC Table 310-16, 75°C columns)
- UL Voltage Rating: 600 Volts AC/DC (UL 1953)
- 600 Volts AC/DC (UL 1059 Class A, User Group – Service Equipment and Class C – General Industrial)
- Factory and Field Wiring

### Agency Certifications:

- UL Recognized, Investigated to US and Canadian standards, UL1059 and CSA 22.2
- Files XCFR2.E62806 and XCFR8.E62806
- cURus
- RoHS Compliant

### Short Circuit Current Ratings:

SCCR Rating applies for Copper Stranded wire only

UL Class B, C (known as Rigid Stranded, Building Wire, Code Wire)

UL Class G, H, I (Flexible Stranded, includes DLO)

Suitable Conductors (kcmil/AWG) Copper, Stranded				Overcurrent Protection Class/Max Amp Rating					SCCR, RMS SYM Amps	Volts Max
Line		Load								
Size	Class	Size	Class	J	T	RK1	RK5	G		
750 - 1/0	B,C	750 - 1/0	B,C	600	1200	600	400	60	100,000	600
535-1/0	G, H, I	535-1/0	G, H, I	600	700	600	200	60		

- Short Circuit Current Rating investigated in 20 x 24 x 8 enclosure. Use in smaller enclosure is subject to end-use evaluation.

For DC power or any wire combinations or Overcurrent Protection not shown- SCCR is 10,000A

**Mechanical Ratings:**

- Maximum insulator base temperature: 125°C (257°F) UL RTI
- 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: Glass filled polycarbonate (thermoplastic)
- Terminal screws: Aluminum, tin plated
- Connector mounting screw: Steel, zinc plated
- Hinged cover: Glass filled polycarbonate (thermoplastic)

**Wire Ranges, Wire Types, Torque Ratings: 135X701**

UL Class B, C (known as Rigid Stranded, Building Wire, Code Wire)  
 UL Class G, H, I (Flexible Stranded, includes DLO)

**Line Side 1) 750 kcmil - 1/0 AWG**

Copper Conductor			
Wire Size	Torque		UL Class
kcmil - AWG	N.m	in. lbs	
750 - 1/0	67.8	600	B, C
535 - 1/0	67.8	600	G,H, I
Aluminum Conductor			
Wire Size	Torque		Type
kcmil - AWG	N.m	in. lbs	
750 - 1/0	67.8	600	Stranded

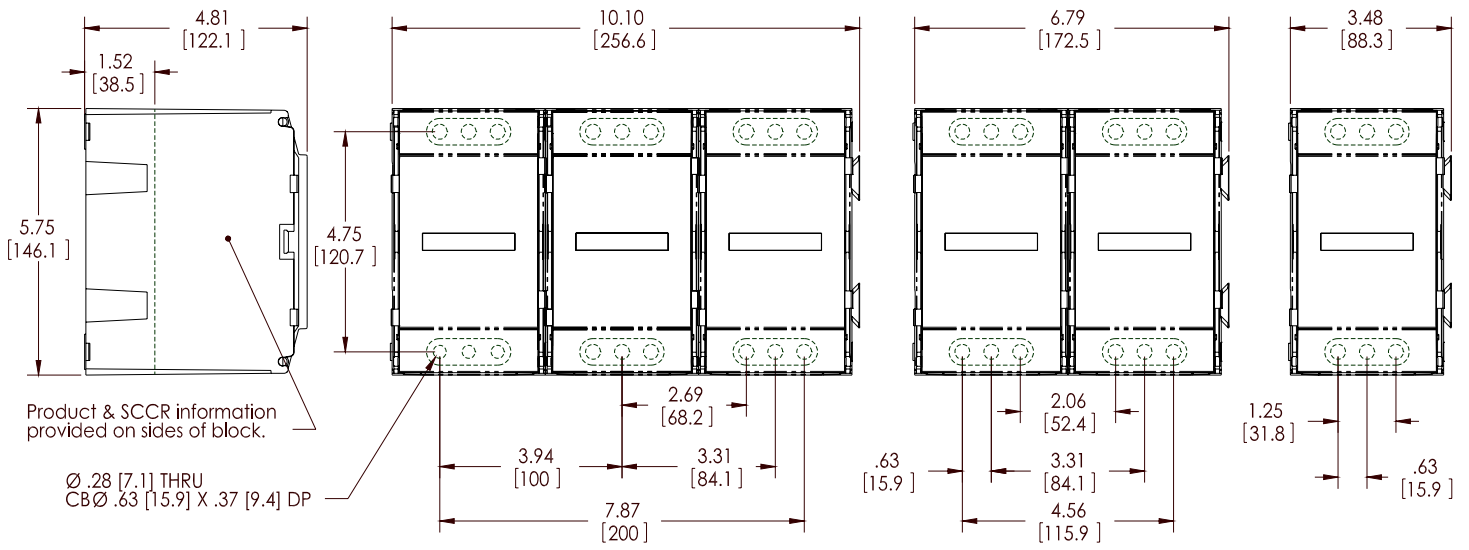
**Load Side 1) 750 kcmil - 1/0 AWG**

Copper Conductor			
Wire Size	Torque		UL Class
kcmil - AWG	N.m	in. lbs	
750 - 1/0	67.8	600	B, C
535 - 1/0	67.8	600	G,H, I
Aluminum Conductor			
Wire Size	Torque		Type
kcmil - AWG	N.m	in. lbs	
750 - 1/0	67.8	600	Stranded

**Installation:**

- Wire strip length, line and load side tap – 1 ¾”
- Panel mountable: recommended fastener (4) per pole, ¼ “ or 6mm  
 Torque to 30 in. lbs. (3.4 N.m)

750 kcmil wire opening- diameter 1.125” (28.5 mm)



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