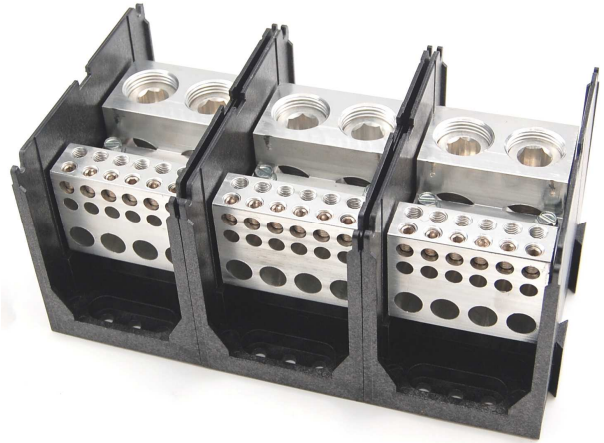


Product Data Sheet

135X707

Power Distribution Block
UL Listed
Category QPQS
950 Amps, 600 Volts (AC/DC)



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

Wire Range:

Line Side: (2) 750kcmil – 1/0 AWG
Load Side: (4) 3/0 - 6 AWG
(12) #2 –14 AWG

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

Electrical Ratings:

- 950A copper wire, 770A aluminum wire (Based on NEC Code, 75°C columns)
- UL Voltage Rating: 600 Volts AC/DC (UL 1953)
- Factory and Field Wiring

Agency Certifications:

- UL Listed, Investigated to UL 1953, File QPQS.E309401
- 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 Fuse Class/Max Amp Rating						SCCR, RMS SYM Amps	Volts Max
Line		Load									
Size	Class	Size	Class	J	T	RK1	RK5	G	CC		
750 - 1/0 535-1/0	B,C G, H, I	Large Opening 3/0 - 6 AWG								100,000	600
		3/0 - 2	B,C	600	700	600	200	60	30		
		2/0 - 2	G, H, I	500	500	400	200	60	30		
		3/0 - 6	B,C	300	300	200	100	60	30		
		2/0 - 6	G, H, I								
		Small Opening #2 - 14 AWG									
2 - 6	B,C	300	300	200	100	60	30				
4 - 6	G, H, I										

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

Minimum Enclosure Size: 20" x 24" x 8" (3840 cu. In)

Mechanical Ratings:

- Maximum insulator base temperature: 125°C (257°F) UL RTI
- Flammability rating of insulator base: UL 94 V-0

Materials:

- Connector: High conductivity aluminum, tin plated
- Insulator base: Glass filled polycarbonate (thermoplastic)
- Terminal screws: Aluminum, tin plated and Steel, nickel plated
- Connector mounting screw: Steel, zinc plated

Wire Ranges, Wire Types, Torque Ratings: 135X707

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

Line Side 2) 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 8) 3/0 - 6 AWG

Load Side 12) 2 -14 AWG

Copper Conductor					Copper Conductor				
Wire Size	Torque		UL Class	No. Per Opening	Wire Size	Torque		UL Class	No. Per Opening
kcmil - AWG	N.m	in. lbs			kcmil - AWG	N.m	in. lbs		
3/0	20.3	180	B, C	1	2-3	5.7	50	B, C	1
2/0-6	20.3	180	B, C, G, H, I	1	4-8	5.7	50	B, C, G, H, I	1
					10-14	4.5	40	B, C, I*	1
								*Also Solid Cu	1
Aluminum Conductor					Aluminum Conductor (#8 AWG Minimum)				
Wire Size	Torque		Type	No. Per Opening	Wire Size	Torque		Type	No. Per Opening
kcmil - AWG	N.m	in. lbs			kcmil - AWG	N.m	in. lbs		
3/0 - 6	20.3	180	Stranded	1	2-6	5.7	50	Stranded	1

Installation & Accessories:

- Line side 750 kcmil wire opening = 1.125 (28.5mm) diameter
Wire Strip Length = 1 3/4"
- Load Side 3/0 AWG wire opening = .531" (13.5 mm) diameter
Wire Strip Length = 1 3/4"
- Load Side #2 AWG wire opening = .312" (7.9 mm) diameter
Wire Strip Length Top Row = 7/16"

- Mounting (Panel)
For use with 1/4" fasteners (4) pole
Torque mounting fasteners to 30 lb-in (3.4mm)
- Covers (sold separately)
Catalog number – CH135X
Accessory covers are not intended to provide insulation for electrical spacing

