

## Product Data Sheet

# 135X703

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: (6) 250 kcmil – 6 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
Line		Load								
Size	Class	Size	Class	J	T	RK1	RK5	G	CC	
750 - 1/0 535-1/0	B,C G, H, I	250 -2	B,C	600	700	600	200	60	30	100,000
		3/0 - 2	G, H, I							
		250 -6	B,C	300	300	200	100	60	30	
		3/0 - 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
- Connector mounting screw: Steel, zinc plated

**Wire Ranges, Wire Types, Torque Ratings: 135X703**

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**

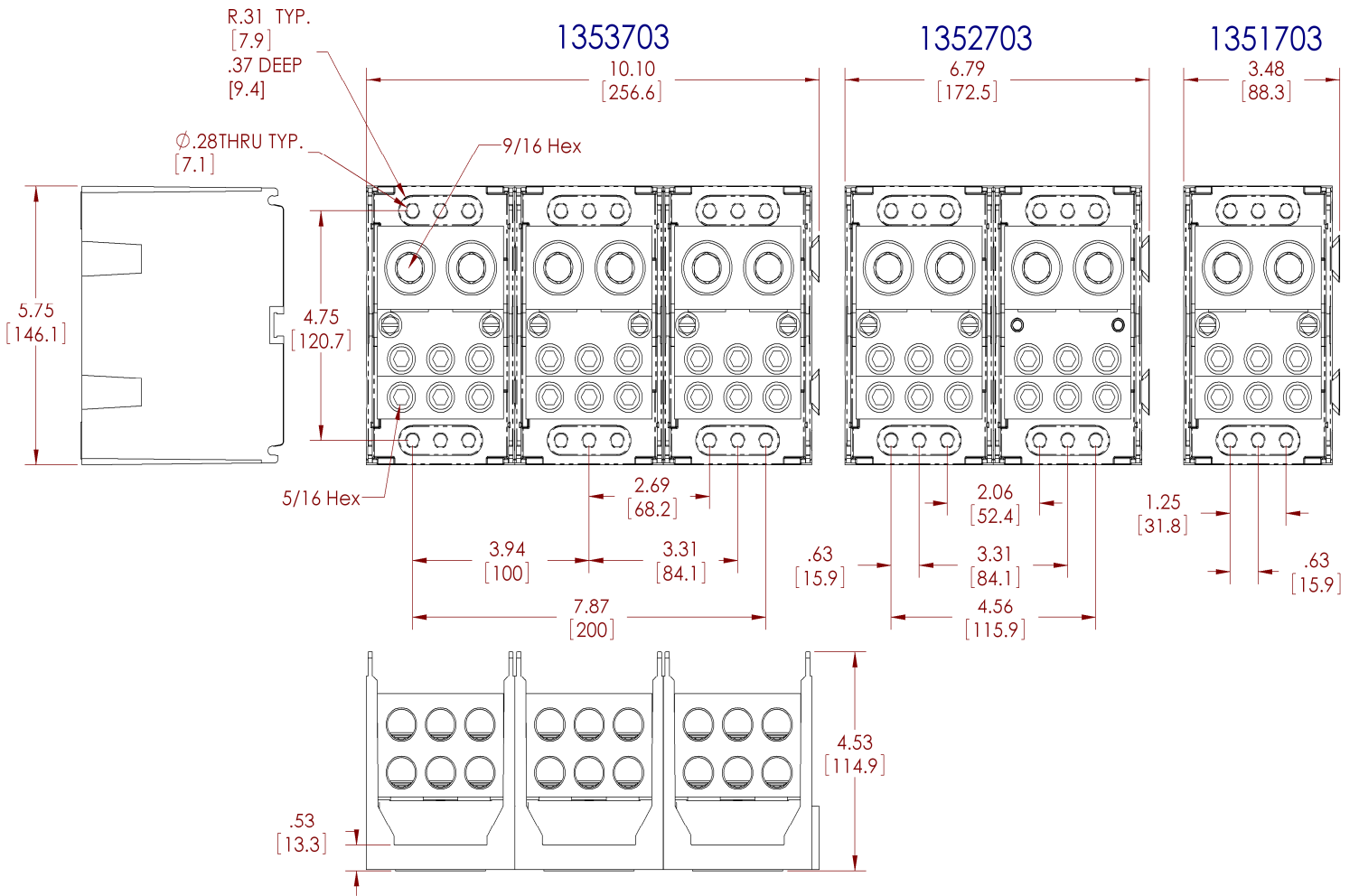
Copper Conductor			
Wire Size	Torque		UL Class
kcmil - AWG	N.m	in. lbs	
750 - 1/0	67.8	600	B, C
535 - 1/0	67.8	600	G,H, I
Aluminum Conductor			
Wire Size	Torque		Type
kcmil - AWG	N.m	in. lbs	
750 - 1/0	67.8	600	Stranded

**Load Side 6) 250 kcmil - 6 AWG**

Copper Conductor				
Wire Size	Torque		UL Class	No. Per Opening
kcmil - AWG	N.m	in. lbs		
250-4/0	31.0	275	B, C	1
3/0-6	31.0	275	B, C, G, H, I	1
Aluminum Conductor				
Wire Size	Torque		Type	No. Per Opening
kcmil - AWG	N.m	in. lbs		
250 - 6	31.0	275	Stranded	1

**Installation & Accessories:**

- Line side 750 kcmil wire opening = 1.125 (28.5mm) diameter  
 Wire Strip Length = 1 3/4"
- Load Side 250 kcmil wire opening = .625 (15.9 mm) diameter  
 Wire Strip Length Top Row = 7/8"  
 Bottom Row = 1 3/4"
- 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



[WWW.MARATHONSP.COM](http://WWW.MARATHONSP.COM)  
 1-419-352-8441