Product Data Sheet

MARATHON® SPECIAL PRODUCTS
A REGAL-BELOIT Company

135X702 CH

Power Distribution Block – Splicer Type
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: (2) 750 kcmil – 1/0 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 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
• Connector mounting screw: Steel, zinc plated
• Hinged cover: Glass filled polycarbonate (thermoplastic)

Wire Ranges, Wire Types, Torque Ratings: 135X702
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

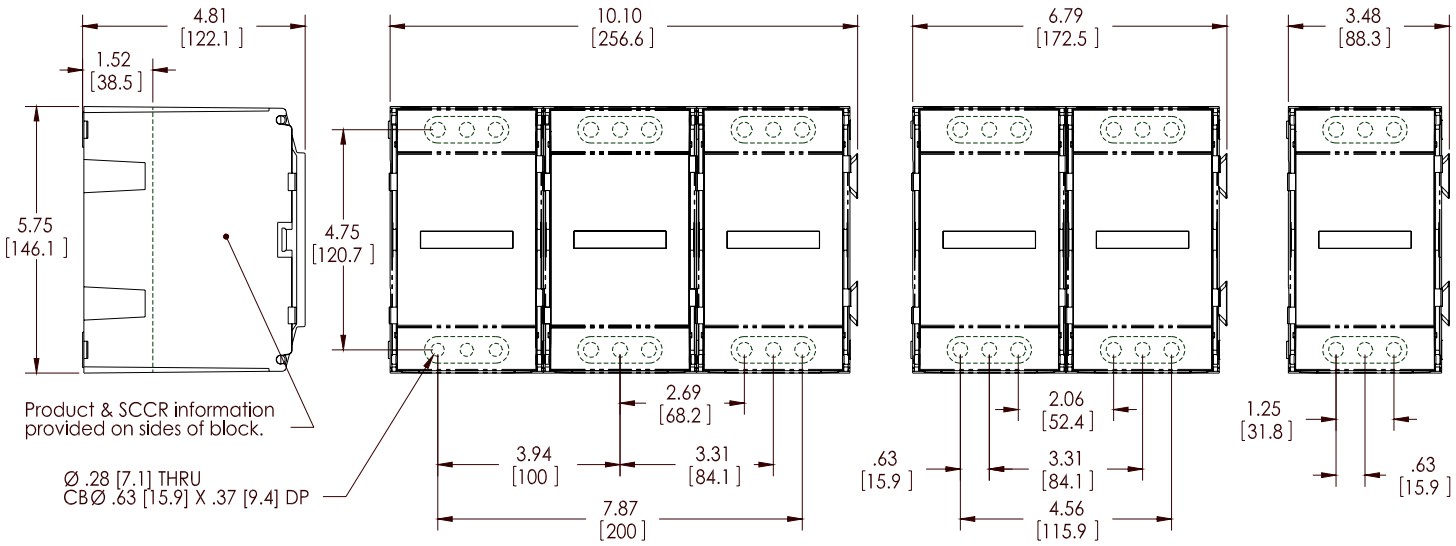
Copper Conductor			
Wire Size	Torque		
kcmil - AWG	N.m	in. lbs	UL Class
750 - 1/0	67.8	600	B, C
535 - 1/0	67.8	600	G,H, I
Aluminum Conductor			
Wire Size	Torque		
kcmil - AWG	N.m	in. lbs	Type
750 - 1/0	67.8	600	Stranded

Load Side 1) 750 kcmil - 1/0 AWG

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