

# Product Data Sheet



## 132X572 CH

Replace "X" with 1, 2 or 3 for number of poles

**Power Splicer Block**  
175 Amps, 600 Volts (AC/DC)  
1,000V AC/DC CE (IEC 60947-7-1)

### Wire Range:

Line side: (1) 2/0 - #14 AWG

Load Side: (1) 2/0 - #14 AWG



See tables below for SCCR wire ranges, flexible stranded and multiple wire approvals.

Insulator base adders and 1 pole product can be snapped together through integral dovetails to create variable pole power blocks.

7.5 x 35 mm din rail or panel mountable

### Electrical Ratings:

- 175A copper wire, 135A aluminum wire (Based on NEC Table 310-16, 75°C columns)
- **CE** Rated Voltage ( $U_i$ ): 1,000 V AC/DC per IEC 60947-7-1
- Rated Impulse Voltage ( $U_{imp}$ ): 6,000V
- Material Group: IIIa
- Pollution Degree: 3
- UL/CSA Voltage Rating: 600 Volts AC/DC (UL 1059 Class C, User Group - General Industrial)
- Factory and Field Wiring

### Short Circuit Current Ratings (Copper wire only):

Wire Class	Suitable Conductors (kcmil/AWG)		Overcurrent Protection Fuse Required						SCCR, RMS SYM Amps	Volts Max
			Class/Max Amp Rating							
	Line	Load	J	T	RK1	RK5	G	CC		
B, C	2/0 - 6	2/0 - 6	200	200	200	100	60	30	100,000	600
G, H, I, K	1 - 6	1 - 6	150	150	100	30	60	30	100,000	600

- Short Circuit Current Rating investigated in 16 x 12 x 6 enclosure. Use in smaller enclosure is subject to end-use evaluation.

**Mechanical Ratings:**

- Insulator base and cover temperature: -40°C/F to 125°C (257°F) UL RTI\*
- Flammability rating of insulator base and cover: UL 94 V-0

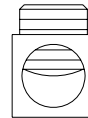
\* Use outside these ratings needs to be judged in the end-use application.

**Materials:**

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

**Agency Approvals:**

- UL Recognized, UL 1059 Terminal Block Standard, File No. XCFR2.E62806
- CSA Certified, CSA C22.2 No. 158, File No. LR19766 (Wire Classes B & C only)
- CE compliant to IEC 60947-7-1
- RoHS Compliant

**Wire Approvals:****Line and Load Side Wire Approvals:**

Wire Size	Torque		Copper Wire Stranding Classes - Number of Conductors						
	N-m	In. lbs	Solid	Class B	Class C	Class G	Class H	Class I	Class K
2/0 AWG	13.6	120		1	1				
1/0	13.6	120		1	1				
1	13.6	120		1	1	1	1	1	1
2	13.6	120		1	1	1	1	1	1
4	13.6	120		1	1	1	1	1	1
6	13.6	120		1	1	1	1	1	1
8	4.5	40		1	1	1	1	1	1
10	4.0	35	1	1	1			1	1
12	4.0	35	1	1	1			1	1
14	4.0	35	1	1	1			1	1

Aluminum stranded wire range: 2/0– #6 AWG

- Wire strip length, line and load side taps – 3/4"
- Hex key required : 5/16"

For information on copper stranded wire classes, please reference:

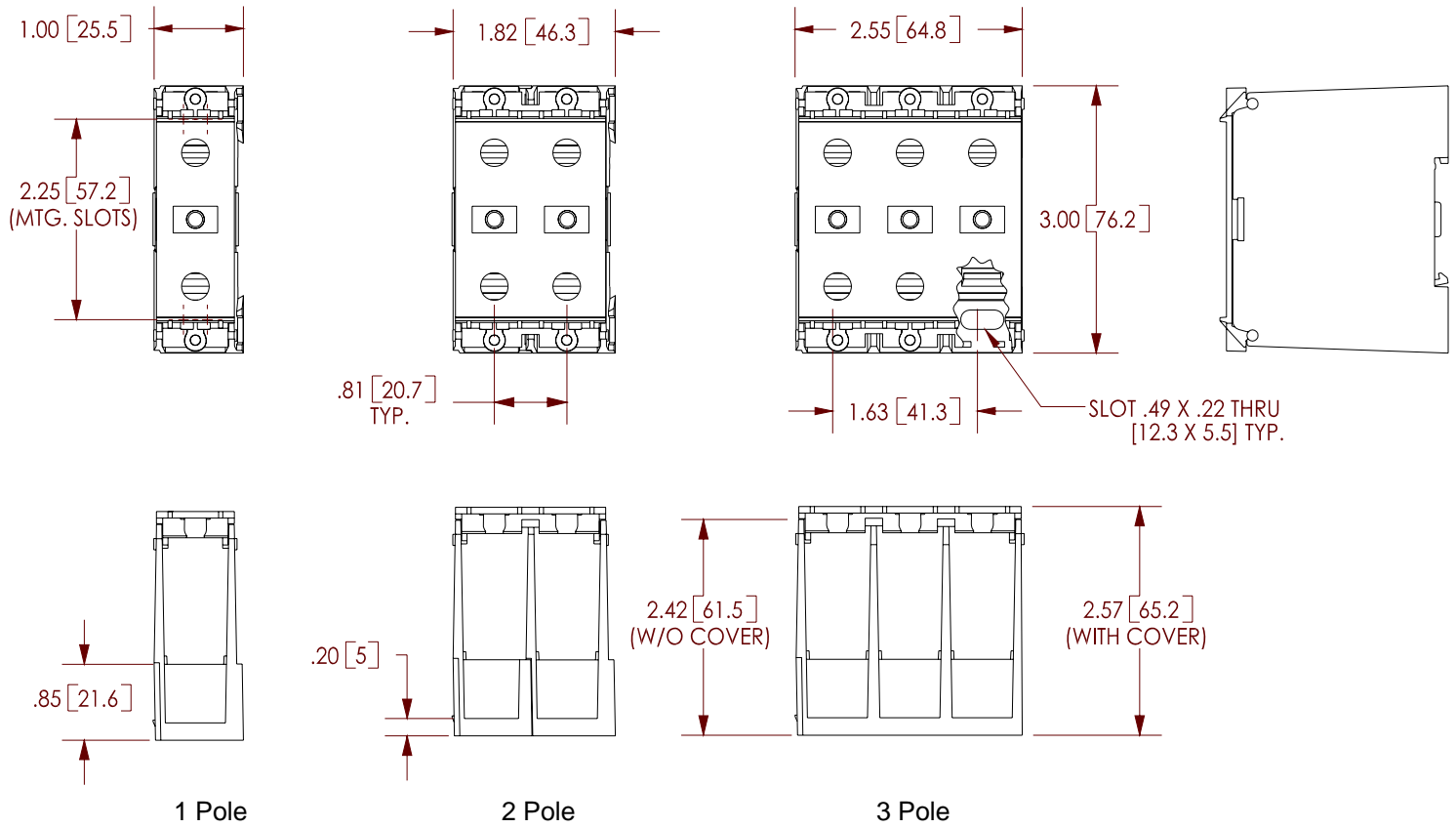
<http://www.marathonsp.com/CatalogPDFs/Flexible-Stranded-Wire.pdf>

**Mounting:**

- Panel mountable: #10 fastener, torque to 25-30 in. lb.
- Din mountable

**Accessories:**

- End bracket for din rail mounting :MSK35
- Marker Strips. Printing available. Consult factory.
- Din Rail (35 x 7.5 mm, 2 m long, slotted): MN35-2



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