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# Product Data Sheet

Power Distribution Terminal Blocks  
Catalog Number: 1492-BG



## Ratings:

760 Amps  
600 Volts AC/DC  
Panel Mount

## Wire Range:

Line Side: (2) 500kcmil - #4 AWG  
Load Side: (2) 500kcmil - #4 AWG

## Agency Approvals:

- UL Recognized, UL 1059 Terminal Block Standard – File #XCFR2.E40735
- CSA Certified, CSA C22.2 No. 158 (Wire Class B & C only)
- CE Compliant to IEC 60947-7-1
- RoHS Compliant

## Electrical Ratings:

- 760 Amp Copper Wire (Based on NEC Table 310-16, 75°C Column)
- 600 Volts AC/DC (UL 1059 Class C, User Group – General Industrial)
- Factory and Field Wiring

## Mechanical Ratings:

### Mounting Information:

- Panel Mount: 1/4" (M6) Fastener,
  - Torque to 30-40 in-lbs
- Terminal Keys Needed: 3/8"

### Thermal Information\*:

- Storage Temperature range:
  - -35°C to 125°C (-31°F to 257°F)

- Max. Insulator base temperature: 150°C (302°F) UL RTI
- Flammability rating of insulator base and base plate: UL 94 V-0

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

### Materials:

- Connector: High Conductive Aluminum, Tin-Plated
- Insulator Base: Phenolic
- Terminal Set Screws: Aluminum, Tin-Plated
- Connector Mounting Screw: Steel, Zinc-Plated

### Accessories:

- Clear Protective Plastic Cover. Catalog Number: 1492-PBC7
- Marking Strip: White vinyl strip to mark circuits (Supplied with block)



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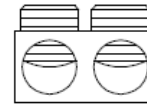
**Short Circuit Current Ratings (Copper Wire Only):** Default Rating 10kA if not listed in Table:

Wire Range (kcmil/AWG)		Max Fuse Protection Requirements Amp Rating / Class						SCCR RMS Amps (600V Max)
Line	Load	J	T	RK1	RK5	G	CC	
500 – 4	500 – 4	600	600	400	200	60	30	100,000

**Wire Approvals:**

**Line Side Wire Approvals:**

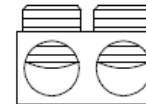
- Wire Strip Length, Line Side Tap – 1-3/8”



Wire Size (kcmil/AWG)	Torque (In-lbs)	UL Copper Wire Stranding Classes - Number of Strands						
		Solid	Class B	Class C	Class G	Class H	Class I	Class K
500	375		37	61				
400	375		37	61	259*	427*	980*	
350	375		37	61	259*	427*	882*	3458*
300	375		37	61	259*	427*	735*	2989*
250	375		37	61	259*	427*	637*	2499*
4/0	375		19	37	133*	259*	532*	2107*
3/0	375		19	37	133*	259*	418*	1666*
2/0	375		19	37	133*	259*	342*	1323*
1/0	375		19	37	133*	259*	266*	1064*
1	375		19	37	133*	259*	210*	836*
2	375		7	19	49*	133*	161*	665*
4	375		7	19				

**Load Side Wire Approvals:**

- Wire Strip Length, Load Side Tap: 1-3/8”



Wire Size (kcmil/AWG)	Torque (In-lbs)	UL Copper Wire Stranding Classes - Number of Strands						
		Solid	Class B	Class C	Class G	Class H	Class I	Class K
500	375		37	61				
400	375		37	61	259*	427*	980*	
350	375		37	61	259*	427*	882*	3458*
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3/0	375		19	37	133*	259*	418*	1666*
2/0	375		19	37	133*	259*	342*	1323*
1/0	375		19	37	133*	259*	266*	1064*
1	375		19	37	133*	259*	210*	836*
2	375		7	19	49*	133*	161*	665*
4	375		7	19				

\* Quantity of wire stands for classes G, H, I, K may vary by manufacturer



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## Product Dimensions / Drawings:

<p>5 1/2 [139.70] 3 11/64 [80.42]</p>	<p>1492-BG POWER BLOCK. STANDARD FEED-THROUGH/SPLICER BLOCK 1 POLE, 1 LINE-1 LOAD, 760 AMPS</p>
<p>3 1/8 [79.25]</p>	