



# Product Data Sheet

Power Distribution Terminal Blocks  
Catalog Number: 1492-PD3183



## Ratings:

335 Amps  
600 Volts AC/DC  
Panel Mount

## Wire Range:

Line Side: (1) 400 kcmil - #6 AWG  
Load Side: (8) #2 - #14 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:

- 335 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: #10 Fastener, Torque to 25-30 in-lbs
- Terminal Keys Needed:
  - Line Side 5/16", Load Side Slotted

### 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 Conductivity 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-PBC8
- Marking Strip: White vinyl strip to mark circuits (Supplied with block)



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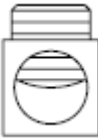
**Short Circuit Current Ratings (Copper Wire Only):** Default Rating 10kA if not listed in Table:

Wire Range (kcmil/AWG)		Max Fuse Protection Requirements Amp Rating / Class						SCCR RMS Amps (600V Max)
Line	Load	J	T	RK1	RK5	G	CC	
400 – 3/0	2 – 8	400	400	400	200	60	30	100,000
2/0 – 6	2 – 14	200	200	200	100	60	30	100,000

**Wire Approvals:**

**Line Side Wire Approvals:**

- Wire Strip Length, Line Side Tap – 1-1/16”



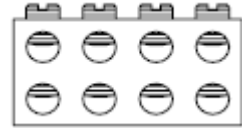
Wire Size (kcmil/AWG)	Torque (In-lbs)	UL Copper Wire Stranding Classes - Number of Strands						
		Solid	Class B	Class C	Class G	Class H	Class I	Class K
400	275		37	61				
350	275		37	61				
300	275		37	61	259*	427*	735*	
250	275		37	61	259*	427*	637*	2499*
4/0	275		19	37	133*	259*	532*	2107*
3/0	275		19	37	133*	259*	418*	1666*
2/0	275		19	37	133*	259*	342*	1323*
1/0	275		19	37	133*	259*	266*	1064*
1	275		19	37	133*	259*	210*	836*
2	275		7	19	49*	133*	161*	665*
4	275		7	19				
6	275		7	19				

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



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### Load Side Wire Approvals:

- Wire Strip Length, Load Side Tap: Top Holes – 9/16”, Bottom Holes – 1-1/16”

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
2	50		7	19				
4	45		7	19	49*	133*	105*	420*
6	45		7	19	49*	133*	63*	266*
8	40		(1-2) 7	(1-2) 19	49*	133*	(1-2) 41*	(1-2) 168*
10	35	1	(1-2) 7	(1-2) 19			(1-2) 27*	(1-2) 104*
12	35	1	(1-4) 7	(1-2) 19			(1-2) 19*	(1-2) 65*
14	35	1	(1-4) 7	(1-2) 19			(1-2) 19*	(1-2) 41*

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

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## Product Dimensions / Drawings:

	<p>1492-PD3183 POWER BLOCK, POWER DISTRIBUTION BLOCK, 3-POLE, 1 LINE-8 LOAD, 335 AMPS</p>