

PRODUCT PROFILE

Bulletin 1492-PDE

Enclosed Power Distribution Terminal Blocks

Advantages

- UL recognized, CSA certified, CE compliant
- Numerous connector configurations
- IP20 from the front
- Multi-pole assembly possible with easily gangable units
- Markers are available for easy terminal identification
- High fault SCCR up to 100 kA
- Thermoplastic plugs offered for unused openings as optional accessory items

Specifications

- 1-pole devices with aluminum or copper connectors
- 175...510 A current range
- 110...600V AC/DC operating range



Overview

The 1492-PDE Enclosed Power Distribution Terminal Blocks are designed to prevent accidental contact with live connectors without the use of additional barriers or shields. These panel mount devices have a compact footprint, and are available with either aluminum or copper terminals. Captive termination screws ensure that parts never get lost and the rugged polycarbonate housing will resist physical damage. These single-pole devices are easily gangable to create multi-pole solutions.

This new series maintains previous Power Block listings and certifications. These blocks are CE compliant, CSA Certified, and UL Component Recognized (XCFR2.E40735, UL1059 group B & C).

The 1492-PDE Enclosed Power Terminal Blocks are panel mount only, to ensure stability under standard shock and vibe conditions.

Rockwell Automation offers a broad line of Allen-Bradley Power Distribution Terminal Blocks that are designed to meet most current load distribution or splicing applications.

Product Selection

Enclosed Power Distribution Blocks Aluminum Connectors & Copper Connectors

Cat. No.	Amps (Cu Wire) 75° C	No. of Poles	Line					Load				
			Connector Configuration	Wire Range	Openings per Pole	Conductor Opening Hole Size	Corresponding Hole Plug	Connector Configuration	Wire Range	Openings per Pole	Conductor Opening Hole Size	Corresponding Hole Plug
1492-PDE1111 *1492-PDE1C111	175	1		2/0...#14 AWG (70...2.5 mm²)	1	0.38" dia.	1492-PDEC1		2/0...#14 AWG (70...2.5 mm²)	1	0.38" dia.	1492-PDEC1
1492-PDE1141 *1492-PDE1C141	175	1		2/0...#14 AWG (70...2.5 mm²)	1	0.38" dia.	1492-PDEC1		#2...14 AWG (35...2.5 mm²)	4	0.50" dia.	1492-PDEC2
1492-PDE1225 *1492-PDE1C225	510	1		250 kcmil...#6 AWG (120...16 mm²)	2	0.72" dia.	1492-PDEC3		250 kcmil...#6 AWG (120...16 mm²)	2	0.72" dia.	1492-PDEC3
1492-PDE1183 *1492-PDE1C183	335	1		400 kcmil...#6 AWG (185...16 mm²) 2/0...#14 AWG (70...2.5 mm²)	1	0.94" dia. 0.72" dia.	1492-PDEC4 1492-PDEC3		#2...14 AWG (35...2.5 mm²)	8	0.50" dia.	1492-PDEC2

* "C" in catalog number refers to copper terminals option

SCCR for Bulletin 1492 Power Distribution Blocks

Terminal Block Description	High Fault SCCR Rating Conditions *								SCCR †	
	Suitable Conductors kcmil/AWG Copper Wire		Overcurrent Protection ‡ Fuse Required Class/Max. Amp Rating						RMS Sym A	Volts Max.
Cat. No.	Line	Load	J	T	RK1	RKS	G	CC		
1492-PDE1111	2/0...#6	#2...14	300	300	200	100	60	30	100,000	600
1492-PDE1C111	2/0...#6	#2...14	300	300	200	100	60	30	100,000	600
1492-PDE1141	2/0...#6	2/0...#6	300	300	200	100	60	30	100,000	600
1492-PDE1C141	2/0...#6	2/0...#6	300	300	200	100	60	30	100,000	800
1492-PDE1183	400...3/0	#2...8	400	400	400	200	60	30	100,000	600
	2/0...#6	#2...14	200	200	200	100	60	30	100,000	600
1492-PDE1C183	400...3/0	#2...8	400	400	400	200	60	30	100,000	600
	2/0...#6	#2...14	200	200	200	100	60	30	100,000	600
1492-PDE1225	250...1/0	250...1/0	600	600	600	—	—	—	50,000	600
	#2...6	#2...6	400	400	400	200	60	30	100,000	600
1492-PDE1C225	250...1/0	250...1/0	600	600	600	—	—	—	50,000	600
	#2...6	#2...6	400	400	400	200	60	30	100,000	600

* **Short-circuit Current Rating (SCCR) Conditions** — Terminal blocks are considered suitable for use on a circuit capable of delivering not more than the stated SCCR at the maximum voltage specified when protected by the maximum ampere and Class of overcurrent protective device noted in the individual Recognitions.

† **Short-circuit Current Rating, (SCCR)** when noted additional conditions are provided. When larger overcurrent protection devices of type, or wire of different size is used, the Power Terminal block as a 10,000 amp withstand rating. **Note** the rated wire range of terminals may exceed the restrictive wire range used to provide higher SCCR.

‡ **Size Range of Line and Load** conductors suitable to maintain noted SCCR.

§ **Maximum Size** of Line side overcurrent protection to provide noted SCCR.

Accessories

Cat. No.	Pkg. Quantity	Description
1492-SM5X10 (100 markers/card)	5	Markers — Used for terminal identification Blank cards slip into molded slot.*

* Refer to Marking Systems under Terminal Block on ab.com/catalogs

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