


















 <p>Bulletin 1492-PD</p>  <p>Bulletin 1492-PDE</p>  <p>Bulletin 1492-PDL</p>	<p>Bulletin 1492 — Power Blocks</p> <p>Rockwell Automation offers a broad line of Allen-Bradley Power Distribution Blocks, which are designed to meet most application needs. The Power Blocks feature terminal identification options (either write-on marking surface or marker retention feature). In addition, mounting dimensions are provided with each unit and wire ranges and tightening torques are labeled on the product to simplify installation.</p> <p>Five styles of power blocks are available:</p> <ul style="list-style-type: none"> • Mini blocks • Open-style power distribution terminal blocks with aluminum or copper connectors • Open-style feed-through/splicer terminal blocks with aluminum or copper connectors • Enclosed power distribution terminal blocks with aluminum or copper connectors • Power distribution terminal blocks with aluminum connectors with feeder spacing, high SCCR, and front barrier. 	<p>Table of Contents</p> <p>Product Selection 12-119</p> <p>Approximate Dimensions..... 12-125</p> <p>Standards Compliance</p> <p>UL 1059 CSA C22.2 No. 158 EN/IEC 60947-1, -7-1</p> <p>Certifications</p> <p>CE Marked CSA Certified (File No. 72582, Class 6228-01) UL Component Recognized (File No. E40735, Guide No. XCFR2)</p> <p>Flammability Rating</p> <p>94V-O</p>
--	---	--

			
Bulletin	1492-PD	1492-PDL	1492-PDE
Features	Available as: <ul style="list-style-type: none"> • Mini-block • Power Distribution Block • Feed-through/Splice block • Protective Covers Available 	<ul style="list-style-type: none"> • Service Entrance Spacing <ul style="list-style-type: none"> • Panel-mounting • Attached hinge-cover 	<ul style="list-style-type: none"> • Can be mechanically connected for multiple pole requirements <ul style="list-style-type: none"> • Panel-mounting • Finger-safe from front
Current Range	115...760 A	175...335 A	175...510 A
Number of Poles	1- or 3-pole	3-pole	1-pole
Distribution Block Wiring	1, 4, 6, 8, and 12 wires per pole	1, 4, 6, 9, and 12 wires per pole	1, 2, 4, and 8 wires per pole
Max. Voltage Ratings	600V AC/DC	600V AC/DC	600V AC/DC
Insulation Material Max. Temp.	150 °C (302 °F)	150 °C (302 °F)	125 °C (257 °F)
Power Block Material	Aluminum or Copper	Aluminum	Aluminum or Copper
Wire Size	(2) 500 MCM...#14 per phase Cu	2/0... #14 AWG per phase Cu	400 kcmil... #14 AWG per phase Cu
Certifications	UR, CSA, CE	UR, CSA, CE	UR, CSA, CE
Product Selection	Page 12-121	Page 12-124	Page 12-123

Power Distribution Blocks with Aluminum Connectors with Feeder Spacing

Cat. No.	Amps (Cu Wire) 75 ° C	No. of Poles	Line			Load			Replacement Accessories	
			Connector Configuration	Wire Range	Openings per Pole	Connector Configuration	Wire Range	Openings per Pole	Covers	Marking Strips
1492-PDL3111	175	3		2/0...#14 AWG (70...2.5 mm ²)	1		2/0...#14 AWG (70...2.5 mm ²)	1	1492-PDLC1	1492-PDLM1
1492-PDL3141	175	3		2/0...#14 AWG (70...2.5 mm ²)	1		#4...14 AWG (25...2.5 mm ²)	4		
1492-PDL31S1	175	3		2/0...#14 AWG (70...2.5 mm ²)	1		1/4...20 stud	—		
1492-PDL3161	175	3		2/0...#14 AWG (70...2.5 mm ²)	1		#4...14 AWG (25...2.5 mm ²)	6		
1492-PDL3163	335	3		400 kcmil...#6 AWG (185...16 mm ²)	1		#2...14 AWG (35...2.5 mm ²)	6	1492-PDLC2	1492-PDLM2
1492-PDL3194	335	3		600 kcmil...#2 AWG (300...35 mm ²)	1		#2...14 AWG (35...2.5 mm ²) #2...14 AWG (35...2.5 mm ²) 1/0...#14 AWG (55...2.5 mm ²)	3 3 3		
1492-PDL31124	335	3		600 kcmil...#2 AWG (300...35 mm ²)	1		#4...14 AWG (25...2.5 mm ²)	12		