
Bulletin	1492-J, -W	1492-L
Type	Screw Type Terminal Blocks	Spring-Clamp Terminal Blocks
Technology	Screw terminations are a time-proven method of wire connection. Their greatest advantage is the ability to land multiple wires to a single terminal, potentially saving panel space. Screw type blocks can often accept up to five solid or stranded wires per terminal. They also typically provide the best visual indication of the wire connection.	Compared to screw type terminations, spring clamp terminations can be a significantly faster method of connection and can often reduce wire connection time by 30...50%. Because the wire is under constant tension from the spring clamp, spring type terminations also produce very favorable results in high vibration applications.
Certifications	UR, CSA	UR, CSA
Standards Compliance	IEC, CE	IEC, CE
Product Types	• Mini blocks • Feed-through blocks • Multi-conductor blocks • Plug-in style blocks • Grounding blocks • Fuse blocks • Two level terminal blocks • Three-Level Sensor blocks • Electrical Component blocks • Isolation blocks	• Mini blocks • Fuse blocks • Feed-through blocks • Grounding blocks • Multi-circuit blocks • Plug-in style blocks • Isolation blocks • Sensor blocks • Electrical component blocks
Product Selection	Page 12-6	Page 12-47

Certifications

Allen-Bradley terminal blocks generally have been designed to meet the requirements of one or more regulatory bodies. Most products have also been tested per additional standards. The following is a listing of some of the regulatory bodies and standards which apply to Allen-Bradley terminal block products. See the particular product description for information on specific certifications and ratings.



(Underwriters Laboratories) — Devices in this catalog with one of these ratings have been tested by Underwriters Laboratories and meet the requirements of one or more of the following United States Standards:

- UL 467 — Grounding and Bonding Equipment
- UL 486E — Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors
- UL 1059 — Standard for Terminal Blocks

Reference UL files E34648, E40735, E160646



(Underwriters Laboratories) — Devices in this catalog with this rating have been tested by Underwriters Laboratories and meet the requirements of the following Canadian Standard:

- CSA 22.2 No. 158 — Terminal Blocks

Reference UL file E40735



(Canadian Standards Association) — Devices in this catalog with this rating have been tested by the Canadian Standards Association and meet the requirements of the following Canadian Standard:

- CSA 22.2 No. 158 — Terminal Blocks

Reference CSA files LR67896



Terminal blocks listed in this catalog meet the requirements of the Low Voltage Directive put forth by the European Union. Devices have been tested and comply with one or more of the following European Norms:

- EN 60947-1 — Low Voltage Switchgear and Controlgear: General Rules
- EN 60947-7-1 — Low Voltage Switchgear and Controlgear: Terminal Blocks for Copper Conductors
- EN 60947-7-2 — Low Voltage Switchgear and Controlgear: Protective Conductor Terminal Blocks for Copper Conductors
- EN 60947-7-3 — Low Voltage Switchgear and Controlgear: Safety Requirements for Fuse Terminal Blocks



ATEX — Devices listed in this catalog with “ATEX” ratings meet the following European Norms per DEMKO or KEMA, Approval Certification Bodies for the European Union:

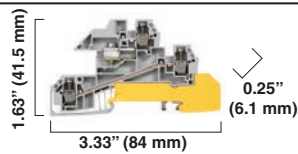
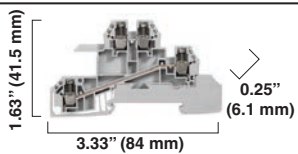
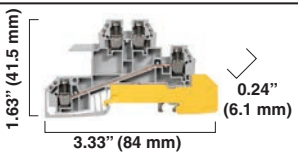
- EN 60079-7 — Electrical Apparatus for Potentially Explosive Atmospheres — General Requirements
- EN 60079-0 — Electrical Apparatus for Potentially Explosive Atmospheres — Increased Safety “e”

Contact your local Rockwell Automation sales office or Allen-Bradley distributor for a copy of the certificate.



Screw Connection Terminal Blocks

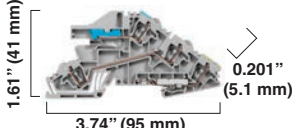
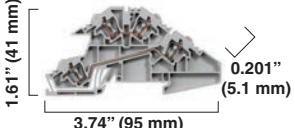
Neutral Disconnect & Installation Blocks

	1492-JDG3ND			1492-JD3N			1492-JDG3N		
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.									
Specifications	3-Level terminal block with neutral disconnect and ground connection			2-Level feed-through terminal block for installation applications			3-Level terminal block with 2 feed-through and ground connection		
Certifications	  			  			  		
Voltage Rating	300V AC/DC			300V AC/DC			300V AC/DC		
Maximum Current	15 A			15 A			15 A		
Wire Range (Rated Cross Section)	#22...12 AWG			#22...12 AWG			#22...12 AWG		
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)			0.31 in. (8 mm)		
Recommended Tightening Torque	7.0 lb•in (0.8 N•m)			7.0 lb•in (0.8 N•m)			7.0 lb•in (0.8 N•m)		
Density	49 pcs/ft (163 pcs/m)			49 pcs/ft (163 pcs/m)			49 pcs/ft (163 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)		
Short-Circuit Current Rating	See page 12-42			See page 12-42			See page 12-42		
Terminal Blocks	Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Color: Grey	1492-JDG3ND	50		1492-JD3N	50		1492-JDG3N	50	
Accessories	Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Mounting Rails:									
1 m Symmetrical DIN (Steel)	199-DR1	10		199-DR1	10		199-DR1	10	
1 m Symmetrical DIN (Aluminum)	1492-DR5	10		1492-DR5	10		1492-DR5	10	
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2		1492-DR6	2		1492-DR6	2	
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2		1492-DR7	2		1492-DR7	2	
End Barriers Grey	1492-BSPJLD3N	20		1492-BSPJLD3N	20		1492-BSPJLD3N	20	
Busbar Support Plates Blue	1492-BSPJLD3N-B	20		1492-BSPJLD3N-B	20		1492-BSPJLD3N-B	20	
End Anchors and Retainers:									
Screwless End Retainer	1492-ERL35	20		1492-ERL35	20		1492-ERL35	20	
End Anchor — Normal Duty	1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35	100	
End Anchor — Heavy Duty	1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35	50	
Jumpers:									
Screw Center Jumper — 10-pole	1492-CJJN6-10	20		1492-CJJN6-10	20		1492-CJJN6-10	20	
Screw Center Jumper — 4-pole	1492-CJJN6-4	50		1492-CJJN6-4	50		1492-CJJN6-4	50	
Screw Center Jumper — 3-pole	1492-CJJN6-3	50		1492-CJJN6-3	50		1492-CJJN6-3	50	
Screw Center Jumper — 2-pole	1492-CJJN6-2	50		1492-CJJN6-2	50		1492-CJJN6-2	50	
Other Accessories:									
Test Plug Socket	1492-TPS23	20		1492-TPS23	20		1492-TPS23	20	
Test Plug	1492-TP23	20		1492-TP23	20		1492-TP23	20	
Neutral Connection Block (4 mm) Blue*	1492-JNC4-B	50		—	—		—	—	
Neutral Bus Bar (1 m)	1492-NBB3-1M	5		—	—		—	—	
Marking Systems:									
Snap-in Marker Cards	1492-M6X5 (200/card)	5		1492-M6X5 (200/card)	5		1492-M6X5 (200/card)	5	

* These terminals mount on the 1492-NBB3-1M Neutral Busbar. They can accept 1492-M6X5 snap-in markers.

Spring-Clamp Connection Terminal Blocks

2-Level Neutral Disconnect and Installations

1492-LDG3ND				1492-LD3N			1492-LDG3N		
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.									
Specifications	3-Level terminal block with neutral disconnect and ground connection			2-Level feed-through terminal block for installation applications			3-Level terminal block with 2 feed-through and ground connection		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	600V AC/DC	300V AC/DC	400V AC/DC	600V AC/DC	300V AC/DC	400V AC/DC	600V AC/DC	300V AC/DC	400V AC/DC
Maximum Current	15 A	10 A	24 A	15 A	10 A	24 A	15 A	10 A	24 A
Wire Range (Rated Cross Section)	#26...12 AWG		2.5 mm²	#26...12 AWG		2.5 mm²	#26...12 AWG		2.5 mm²
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)			0.31 in. (8 mm)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)			59 per ft/196 per meter		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)			-58...+248°F (-50...+120°C)		
Short-Circuit Current Rating	See page 12-78								
Terminal Blocks	Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Color: Grey	1492-LDG3ND	50		1492-LD3N	50		1492-LDG3N	50	
Accessories	Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Mounting Rails:									
1 m Symmetrical DIN (Steel)	199-DR1	10		199-DR1	10		199-DR1	10	
1 m Symmetrical DIN (Aluminum)	1492-DR5	10		1492-DR5	10		1492-DR5	10	
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2		1492-DR6	2		1492-DR6	2	
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2		1492-DR7	2		1492-DR7	2	
End Barriers/ Grey	1492-BSPJLD3N	20		1492-BSPJLD3N	20		1492-BSPJLD3N	20	
Busbar Support Plates Blue	1492-BSPJLD3N-B	20		1492-BSPJLD3N-B	20		1492-BSPJLD3N-B	20	
End Anchors and Retainers:									
Screwless End Retainer	1492-ERL35	20		1492-ERL35	20		1492-ERL35	20	
End Anchor — Normal Duty	1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35	100	
End Anchor — Heavy Duty	1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35	50	
Plug-in Center Jumper — 10-Pole	1492-CJLJ5-10	20		1492-CJLJ5-10	20		1492-CJLJ5-10	20	
Plug-in Center Jumper — 4-Pole	1492-CJLJ5-4	60		1492-CJLJ5-4	60		1492-CJLJ5-4	60	
Plug-in Center Jumper — 3-Pole	1492-CJLJ5-3	60		1492-CJLJ5-3	60		1492-CJLJ5-3	60	
Plug-in Center Jumper — 2-Pole	1492-CJLJ5-2	60		1492-CJLJ5-2	60		1492-CJLJ5-2	60	
Other Accessories:									
Partition Plate									
Neutral Connection Block (4 mm) Blue	*	1492-JNC4-B	50	—	—	—	—	—	—
Neutral Connection Bloc (16 mm) Blue	*	1492-JNC16-B	50	—	—	—	—	—	—
Neutral Bus Bar (1 m)	1492-NBB3-1M		5	—	—	—	—	—	—
Marking Systems:									
Snap-in Marker Cards	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5		

* These terminals mount on Cat. No. 1492-NBB3-1M Neutral Busbar. They can accept Cat. No. 1492-M6X5 snap-in markers.

End Barriers, continued

Dimensions Width x Length x Height	For Use With	Color	Pkg Qty.	Cat. No.
0.20 x 0.94 x 1.31 in. (5.1 x 23.8 x 33.3 mm)	1492-LMP3, LMP3Q	Grey	50	1492-EBLMP3
		Blue	50	1492-EBLMP3-B
0.20 x 0.94 x 1.31 in. (5.1 x 23.8 x 33.3 mm)	1492-LM3, LM3Q, LMG3, LMP3E, LMP3QE	Grey	50	1492-EBLM3
		Blue	50	1492-EBLM3-B
		Yellow	50	1492-EBLM3-Y
0.06 x 0.97 x 1.38 in. (1.5 x 24.65 x 35 mm)	1492-LMJ3, LMJG3	Grey	50	1492-EBLMJ3
		Blue	50	1492-EBLMJ3-B
		Yellow	50	1492-EBLMJ3-Y
0.06 x 2.32 x 4.35 in. (1.5 x 59 x 110.5 mm)	1492-LTF3	Grey	20	1492-EBLTF3
0.06 x 2.69 x 1.77 in. (5 x 68.5 x 45 mm)	1492-LS2-3, LS2-3L, LSG2-3		50	1492-EBLS2-3
0.20 x 3.2 x 1.77 in. (5 x 81.5 x 45 mm)	1492-LS2-4, LS2-4L, LSG2-4		50	1492-EBLS2-4
0.06 x 1.81 x 3.74 in. (1.5 x 46 x 95 mm)	1492-LDAG3, LDG3P		20	1492-EBLDAG3
0.10 x 1.04 x 1.81 in. (2.5 x 26.4 x 46 mm)	1492-LC3		20	1492-EBLC3
0.10 x 1.65 x 2.72 in. (2.5 x 41.85 x 69 mm)	1492-LDC3		20	1492-EBLDC3
—	1492-LDG3ND, LD3N, LDG3N	Grey	20	1492-BSPJLD3N
—	1492-LDG3ND, LD3N, LDG3N	Blue	20	1492-BSPJLD3N-B

End Anchor/End Retainers

End anchors and end retainers mount at both ends of a group of terminal blocks to add rigidity to the terminal assembly and prevent sliding along the rails.

Photo	Dimensions Width x Length x Height	Tightening Torque	Markers	For Use With	Color	Pkg Qty.	Cat. No.
	0.31 x 2.20 x 1.85 in. (8 x 56 x 47 mm)	4.4 lb•in. (0.5 N•m)	1492-M7X12 1492-M8X5	199-DR1, 199-DR2, 1492-DR4, 1492-DR5, 1492-DR6, 1492-DR7, 1492-DR8, 1492-DR9	Grey	100	1492-EAJ35
	0.48 x 2.20 x 2.48 in. (12.2 x 56 x 63 mm)	4.4 lb•in. (0.5 N•m)	1492-M7X12 1492-M5X5	199-DR1, 199-DR2, 1492-DR4, 1492-DR5, 1492-DR6, 1492-DR7, 1492-DR8, 1492-DR9	Grey	50	1492-EAHJ35
	0.31 x 1.06 x 1.06 in. (8 x 27 x 27 mm)	3.5 lb•in. (0.9 N•m)	1492-M5X5	1492-DR3	Grey	50	1492-EAJ15
	0.24 x 2.19 x 1.63 in. (6 x 55.6 x 41.5 mm)	—	1492-M5X10 1492-M5X5	199-DR1, 199-DR2, 1492-DR4, 1492-DR5, 1492-DR6, 1492-DR7, 1492-DR8, 1492-DR9	Grey	20	1492-ERL35
	0.20 x 0.96 x 0.75 in. (5 x 24.5 x 19 mm)	—	1492-M5X10 1492-M5X5	1492-DR3	Grey	20	1492-ERL15