
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

Certifications/Introduction

Ex e II — Many 1492-J, 1492-K, 1492-L, and 1492-W terminal blocks in this catalog meet the following Canadian Standards per Underwriters Laboratories:

CAN/CSA E 60079-7 — Electrical Apparatus for Explosive Atmospheres — Part 0 — General Requirements

CAN/CSA E 60079-0 — Electrical Apparatus for Explosive Atmospheres — Part 7 — Increased Safety “e”

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Allen-Bradley distributor for more information.

AEx e II — Devices listed in this catalog with an “AEx e II” rating meet the following United States Standard per Underwriters Laboratories:

- ANSI/UL 60079-0 and 60079-7 — Standard for Electrical Equipment for Use in Class I, Zone 0, 1, and 2 Hazardous (Classified) Locations

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Rockwell Automation sales office or Allen-Bradley distributor for more information.

Lloyd's Register — Many 1492-H, 1492-J, 1492-L, and 1492-W terminal blocks in this catalog have been certified for use in marine, off-shore, and industrial installations per the following standard:

- Lloyd's Register Test Specification No. 1:1996

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

The Allen-Bradley Line of IEC Terminal Blocks... International Products for a Worldwide Marketplace

The Allen-Bradley Bulletin 1492-J line of internationally approved IEC style terminal blocks offers a wide range of features and benefits ideally suited for many industrial applications. The 1492-J line has been designed to meet the tough requirements of almost every industrial application. Functional, internationally approved, finger-safe, and cost-effective — the Allen-Bradley Bulletin 1492-J line.

Products Available in the Bulletin 1492 Screw Terminal Block Line

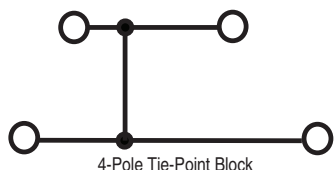
Our family of IEC terminal blocks consists of many different types of blocks, from general feed-through terminal blocks for control wiring to specialty blocks for grounding and isolating. We even offer thermocouple terminal blocks, specifically designed for temperature-dependent process control applications.

Products offered within the Bulletin 1492 Screw Terminal Block line include:

- **Feed-Through Blocks**, capable of accommodating #30...2/0 AWG (0.2...70 mm²) wire
- **Grounding Blocks** for grounding a given circuit to the DIN Rail
- **Mini Blocks** for applications where panel space is at a premium
- **Two-Level Blocks** that double circuit wiring density
- **Multi-Conductor Blocks** that allow splitting or joining of control circuits
- **Three-Level Sensor Blocks** for coordination of three-wire sensor groups
- **Isolation Blocks** for circuit isolation during testing and troubleshooting
- **Fuse Blocks**, with and without blown fuse indication, for easily integrated overcurrent protection
- **Electrical Component Blocks** that allow the insertion of fixed components into control circuits. Available components include resistors, diodes, surge suppression circuits, and shunt bars.

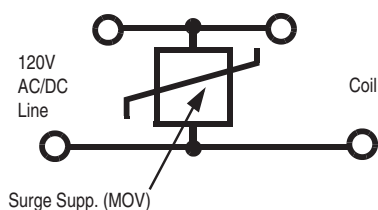
Tie-Point Block
 (Cat. No. 1492-JD3C)

Incorporates a shunt bar between the upper and lower current bars to provide a common point among all four terminals.



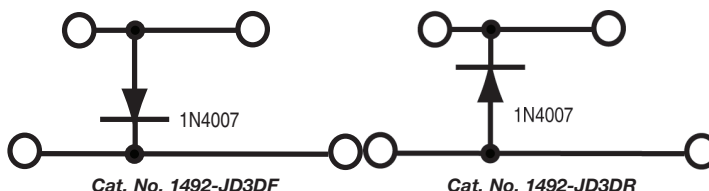
Surge Suppression Block (Cat. No. 1492-JD3SS)

Provides a convenient means of incorporating transient suppression for relays, contactors, and solenoids into a control system.



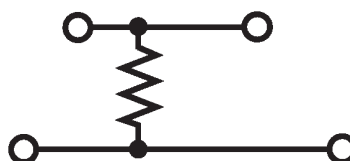
Diode Block
 (Cat. Nos. 1492-JD3DF, 1492-JD3DR)

Uses a 1N4007 diode between the upper and lower levels for insertion into a control circuit. This block is useful in low voltage DC control circuits for directioning and suppression.



Resistor Block
 (Cat. No. 1492-JD3RB, -JD3RC001)

Permits the introduction of a 10 Ω ...4.75 M Ω resistor into a control circuit.



- **Return Blocks** that have both terminations on the same side of the terminal block allowing the rail to be mounted next to the wall of an enclosure
- **Plug-In Style Blocks** that allow the insertion of removable plugs into control circuits. Available plugs include a Disconnect Plug, a Fuse Plug, and a Component Plug which will accommodate various electrical components.
- **Thermocouple Terminal Blocks** (Types B, E, J, K, N, S, T) for temperature control applications
- A wide variety of **Snap-In Markers** for individual or group circuit identification
- Multi-pole insulated **Center Jumpers** which provide a convenient method of commoning control circuits

Materials and Design Features

The Bulletin 1492-J line is designed for safety, installation ease, and ruggedness. Features using these design criteria include the following:

- Tin-plated terminals and steel screws for corrosion resistance (Bulletin 1492-W terminal blocks have nickel-plated terminals and stainless steel screws)
- High copper content copper alloy for excellent conductivity
- Four-sided wire funnel guides for easy wire insertion
- Finger-safe housings to prevent accidental contact with live circuits
- International approvals for worldwide use
- DIN Rail (Cat. No. 199-DR1) mountability, allowing terminal blocks to be placed on the same channel as contactors, starters, relays, and other DIN Rail-mounted control devices
- Self-extinguishing, polyamide 6.6 housing material with UL 94-V0 flammability rating (Bulletin 1492-W terminal blocks have UL 94-V2 flammability rating)
- Backed out screws for fast wiring

Screw Connection Terminal Blocks

Multi-Circuit Feed-Through Blocks

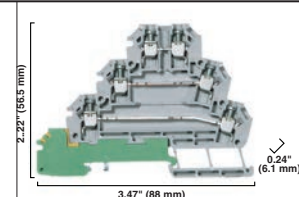
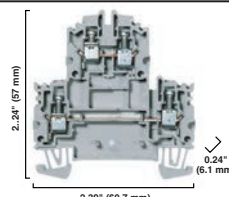
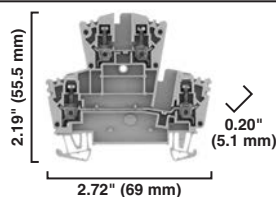
1492-JD3

1492-JD4

1492-JT3M

Dimensions are not intended to be used for manufacturing purposes.

Note: Height dimension is measured from top of rail to top of terminal block.



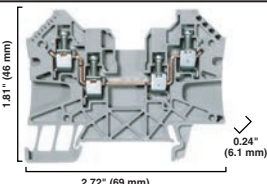
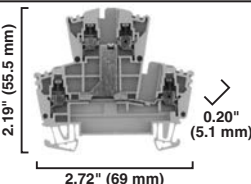
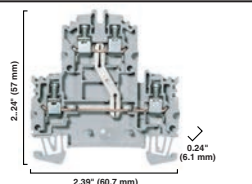
Specifications	Two-level, two-circuit feed-through terminal block				Two-level, two-circuit feed-through terminal block				Three-level, three-circuit terminal block with ground point		
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC
Voltage Rating	600V AC/DC	300V AC/DC	400V AC/DC	275V AC/DC	600V AC/DC	300V AC/DC	800V AC/DC	550V AC/DC	300V AC/DC		400V AC/DC
Maximum Current	20 A	10 A	24 A	21 A	35 A	30 A	32 A	28 A	10 A		24 A
Wire Range (Rated Cross Section)	#22...12 AWG	26...12 AWG	2.5 mm²	2.5 mm² (20...14 AWG)	#26...10 AWG		0.5...4 mm²	4 mm² (20...12 AWG)	#22...12 AWG	#26...10 AWG	0.5...2.5 mm²
Wire Strip Length	0.39 in. (10 mm)				0.315 in. (8 mm)				0.28 in. (7 mm)		
Recommended Tightening Torque	4.5...7.1 lb•in (0.5...0.8 N•m)				4.5 lb•in (0.5 N•m)				4.4 lb•in (0.5 N•m)		
Density	59 pcs/ft (196 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										

Terminal Blocks		Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color:	Grey	1492-JD3	100	1492-JD4	100	1492-JT3M	50
	Red	1492-JD3-RE	100	1492-JD4-RE	100	—	—
	Blue	1492-JD3-B	100	1492-JD4-B	100	—	—
	Black	1492-JD3-BL	100	1492-JD4-BL	100	—	—
	Green	1492-JD3-G	100	1492-JD4-G	100	—	—
	Yellow	1492-JD3-Y	100	1492-JD4-Y	100	—	—
	Orange	1492-JD3-OR	100	1492-JD4-OR	100	—	—
	Brown	1492-JD3-BR	100	1492-JD4-BR	100	—	—
	White	1492-JD3-W	100	1492-JD4-W	100	—	—
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 Barrier	Grey	1492-EBJD3	20	1492-EBJD4	20	1492-EBJ3TM	20
	Blue	1492-EBJD3-B	20	1492-EBJD4-B	20	—	—
	Yellow	1492-EBJD3-Y	20	—	—	—	—
End Anchor and Retainers:							
Screwless End Retainer		1492-ERL35	20	—	—	—	—
DIN Rail — Normal Duty		1492-EAJ35	100	—	—	—	—
DIN Rail — Heavy Duty		1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Jumpers:							
Center Jumper — 41-pole		—	—	‡ 1492-CJLJ6-41	10	—	—
Center Jumper — 10-pole		* 1492-CJJ5-10	20	‡ 1492-CJLJ6-10	20	—	—
Center Jumper — 4-pole		* 1492-CJJ5-4	50	‡ 1492-CJLJ6-4	60	—	—
Center Jumper — 3-pole		* 1492-CJJ5-3	50	‡ 1492-CJLJ6-3	60	—	—
Center Jumper — 2-pole		* 1492-CJJ5-2	50	‡ 1492-CJLJ6-2	60	—	—
Insulated Side Jumper — 50-Pole		—	—	—	—	1492-SJ6A-50	5
Insulated Side Jumper — 24-Pole		1492-SJ5A-24	50	—	—	—	—
Insulated Side Jumper — 10-Pole		1492-SJ5A-10	50	—	—	—	—
Screw Type Jumper Notching Tool		1492-T1	1	—	—	—	—
Other Accessories:							
Partition Plate		1492-PPJD3	20	1492-PPJD3	20	1492-PPJD3	20
Test Plug Socket		1492-TPS23	20	—	—	—	—
Test Plug		1492-TP23	20	—	—	—	—
Snap-in marker cards		1492-M5X5 (200/card)	5	1492-M6X5 (200/card)	5	1492-M6X5 (200/card)	5
Snap-in marker cards		1492-M5X8 (144/card)	5	1492-MR6X8 (120/card)	5	1492-MR6X8 (120/card)	5

* Screw Center Jumpers, ‡ Plug-in Center Jumpers

Screw Connection Terminal Blocks

Specialty Feed-Through Blocks

	1492-J4Q				1492-JD3C				1492-JD4C			
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	Single-level feed-through terminal block with 2 connection points on each side				Two-level feed-through terminal block with commoning bar				Two-level feed-through terminal block with commoning bar			
Certifications		CSA	IEC			CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	600V AC/DC			500V AC/DC	600V AC/DC	300V AC/DC	400V AC/DC	275V AC/DC	600V AC/DC	300V AC/DC	400V AC/DC	550V AC/DC
Maximum Current	30 A			32 A	20 A	10 A	24 A	21 A	35 A	30 A	32 A	28 A
Wire Range (Rated Cross Section)	#30...10 AWG			0.5...4 mm ²	#22...12 AWG	#26...12 AWG	2.5 mm ²	2.5 mm ² (20...14 AWG)	#26...10 AWG		0.5...4 mm ²	4 mm ² (20...12 AWG)
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.28 in. (7 mm)			
Recommended Tightening Torque	6.2 lb•in (0.7 N•m)				4.5...7.1 lb•in (0.5...0.8 N•m)				4.5 lb•in (0.5 N•m)			
Density	49 pcs/ft (163 pcs/m)				59 pcs/ft (196 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 (SCCR)	See page 12-42											
Terminal Blocks		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.
Color: Grey		1492-J4Q		50		1492-JD3C		100		1492-JD4C		100
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-EBJ4Q		50		1492-EBJD3		20		1492-EBJD4		20
Blue		—		—		1492-EBJD3-B		20		—		—
Yellow		1492-EBJ4Q-Y		50		1492-EBJD3-Y		20		—		—
End Anchors and Retainers:												
Screwless End Retainer		1492-ERL35		20		1492-ERL35		20		—		—
DIN Rail — Normal Duty		1492-EAJ35		100		1492-EAJ35		100		—		—
DIN Rail — Heavy Duty		1492-EAHJ35		50		1492-EAHJ35		50		1492-EAHJ35		50
Jumpers:*												
Screw Center Jumper — 41-pole		—		—		—		—		—		—
Screw Center Jumper — 10-pole		—		—		1492-CJJ5-10		20		—		—
Screw Center Jumper — 4-pole		—		—		1492-CJJ5-4		50		—		—
Screw Center Jumper — 3-pole		—		—		1492-CJJ5-3		50		—		—
Screw Center Jumper — 2-pole		—		—		1492-CJJ5-2		50		—		—
Plug-in Center Jumper — 41-Pole		1492-CJLJ6-41		10		—		—		1492-CJLJ6-41		10
Plug-in Center Jumper — 5-, 6-, 7-, 8-, 9-, 10-Pole		1492-CJLJ6-10		20		—		—		1492-CJLJ6-10		20
Plug-in Center Jumper — 2-, 3-, 4-Pole		1492-CJLJ6-2, -3, -4		60		—		—		1492-CJLJ6-2, -3, -4		60
Insulated Side Jumper — 24-Pole		—		—		1492-SJ5A-24		50		—		—
Insulated Side Jumper — 10-Pole		—		—		1492-SJ5A-10		50		—		—
Screw Type Jumper Notching Tool		—		—		1492-T1		1		—		—
Other Accessories:												
Partition Plate		—		—		1492-PPJD3		20		1492-PPJD3		20
Test Plug Socket		—		—		1492-TPS23		20		—		—
Test Plug		—		—		1492-TP23		20		—		—
Test Plug (Stackable)		—		—		—		—		—		—
Marking Systems:		1492-MR6X12 (120/card)		5		1492-M5X8 (144/card)		5		1492-MR6X8 (120/card)		5
Snap-in marker card		1492-M6X12 (120/card)		5		1492-M5X5 (200/card)		5		1492-M6X5 (200/card)		5

* Use of center jumpers may affect spacings, requiring derating of terminal blocks; see page 12-83 for details.

Screw Connection Terminal Blocks

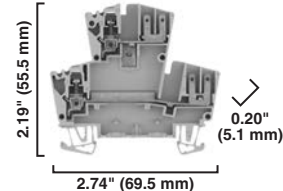
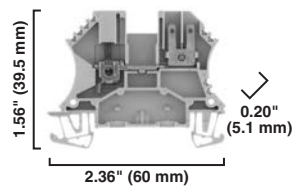
Stab-Connect Feed-Through

1492-J3F

1492-JD3F

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**

Feed-through terminal block with stab connections on one side

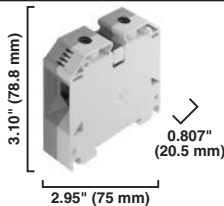
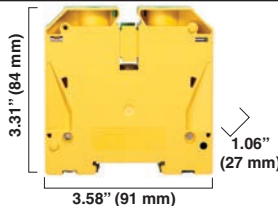
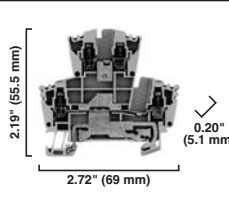
Two-level, two-circuit feed-through terminal block with stab connections on one side

Certifications		CSA	IEC		CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		400V AC/DC
Maximum Current	16 A	10 A	16 A (2 x 8)	10 A		16 A (2 x 8)
Wire Range (Rated Cross Section)	#22...12 AWG	#26...12 AWG	2.5 mm ²	#22...12 AWG	#26...12 AWG	2.5 mm ²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
Recommended Tightening Torque	4.5...7.1 lb•in (0.5...0.8 N•m)			4.5...7.1 lb•in (0.5...0.8 N•m)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)		
Short-Circuit Current Rating	See page 12-42					

Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: Grey	1492-J3F	50	1492-JD3F	50
Accessories	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Mounting Rails:				
1 m Symmetrical DIN (Steel)	199-DR1	10	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2
End Barrier	1492-EBJ3	50	1492-EBJD3	20
End Anchors and Retainers:				
Screwless End Retainer	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50
Fast-on Connector (Size 0.110 in.)	800M-NT2	100	800M-NT2	100
Connector Insulation Sleeve	1492-FCS	100	1492-FCS	100
Jumpers:				
Screw Center Jumper — 10-pole	1492-CJJ5-10	20	1492-CJJ5-10	20
Screw Center Jumper — 4-pole	1492-CJJ5-4	50	1492-CJJ5-4	50
Screw Center Jumper — 3-pole	1492-CJJ5-3	50	1492-CJJ5-3	50
Screw Center Jumper — 2-pole	1492-CJJ5-2	50	1492-CJJ5-2	50
Insulated Side Jumper — 24-Pole	1492-SJ5B-24	50	1492-SJ5A-24	50
Insulated Side Jumper — 10-Pole	1492-SJ5B-10	50	1492-SJ5A-10	50
Screw Type Jumper Notching Tool	1492-T1	1	1492-T1	1
Other Accessories:				
Partition Plate	1492-EBJ16	20	1492-PPJD3	20
Marking Systems:				
Snap-in marker cards	1492-M5X12 (144/card)	5	1492-M5X8 (144/card)	5
Snap-in marker cards	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5

Screw Connection Terminal Blocks

Grounding Blocks

	1492-JG70				1492-JG120			1492-JDG3				
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	Feed-through grounding terminal block				Feed-through grounding terminal block			Two-circuit terminal block with one feed-through and one grounding circuit				
Certifications		CSA	IEC	ATEX		CSA	IEC		CSA	IEC	ATEX	
Voltage Rating	—				—			300V AC/DC		400V AC/DC	275V AC/DC	
Maximum Current	Grounding				—			20 A		24 A	21 A	
Wire Range (Rated Cross Section)	#6...2/0 AWG		70 mm ²	70 mm ² (#8...2/0 AWG)	#4...3/0 AWG		#4...4/0 AWG	16...95 mm ²	#22...12 AWG		2.5 mm ² (#20...14 AWG)	
Wire Strip Length	0.87 in. (22 mm)				1.06 in. (27 mm)			0.39 in. (10 mm)				
Recommended Tightening Torque	87.0 lb•in (9.8 N•m)				88.5 lb•in (10 N•m)			4.5...7.1 lb•in. (0.5...0.8 N•m)				
Mounting Torque — Center Screw	17.7...35.4 lb•in (2.0...4.0 N•m)				—			—				
Density	14 pcs/ft (48 pcs/m)				11 pcs/ft (37 pcs/m)			59 pcs/ft (196 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											
Terminal Blocks	Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.	
Color: Green/Yellow	1492-JG70		10		1492-JG120		5		—		—	
Grey	—		—		—		—		1492-JDG3		100	
Accessories	Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.	
Mounting Rails:	—		—		—		—		199-DR1		10	
1 m Symmetrical DIN (Steel)	—		—		—		—		1492-DR5		10	
1 m Symmetrical DIN (Aluminum)	—		—		—		—		1492-DR6		2	
1 m Hi-Rise Sym. DIN (Aluminum)	—		—		—		—		1492-DR7		2	
1 m Angled Hi-Rise Sym. DIN (Steel)	—		—		—		—		—		—	
Screw Type 1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)	1492-DR8		5		1492-DR8		5		—		—	
End Barrier Grey	Not Required		—		—		—		1492-EBJD3		20	
Yellow	Not Required		—		—		—		1492-EBJD3-Y		20	
Jumpers:	—		—		—		—		1492-CJJ5-10		20	
Screw Center Jumper — 10-pole	—		—		—		—		1492-CJJ5-4		50	
Screw Center Jumper — 4-pole	—		—		—		—		1492-CJJ5-3		50	
Screw Center Jumper — 3-pole	—		—		—		—		1492-CJJ5-2		50	
Screw Center Jumper — 2-pole	—		—		—		—		1492-SJ5A-24		50	
Insulated Side Jumper — 24-Pole	—		—		—		—		1492-SJ5A-10		50	
Insulated Side Jumper — 10-Pole	—		—		—		—		—		—	
End Anchors and Retainers:	—		—		—		—		1492-ERL35		20	
Screwless End Retainer	—		—		—		—		1492-EAJ35		100	
DIN Rail — Normal Duty	—		—		—		—		1492-EAHJ35		50	
DIN Rail — Heavy Duty	1492-EAHJ35		50		1492-EAHJ35		50		1492-EAHJ35		50	
Marking Systems:	—		—		—		—		—		—	
Snap-in marker cards	1492-M7X12 (108/card)		5		1492-MR8X12 (84/card)		5		1492-M5X8 (200/card)		5	
Snap-in marker cards	1492-M8X5 (160/card)		5		1492-M7X12 (108/card)		5		1492-M5X5 (144/card)		5	

Screw Connection Terminal Blocks

Internal Component Blocks

1492-J3DF										1492-JD3DF*						1492-JD3DR*											
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.																											
	Single-level diode forward terminal block with test plug sockets									Two-Level terminal block with a diode in forward bias between the levels.						Two-Level terminal block with a diode in reverse bias between the levels.											
	UL			CSA			IEC			UL			CSA			IEC			UL			CSA			IEC		
	300V AC/DC			500V AC/DC			600V AC/DC			300V AC/DC			400V AC/DC			600V AC/DC			300V AC/DC			400V AC/DC					
	—			—			1000V			1000V			—			—			1000V			1000V			—		
Certifications	20 A			10 A			6 A			20 A			10 A			—			20 A			10 A			—		
Voltage Rating	—			—			1 A			1 A			—			—			1 A			1 A			—		
Diode Reverse Voltage Rating	—			—			1 A			1 A			—			—			1 A			1 A			—		
Maximum Current	—			—			1 A			1 A			—			—			1 A			1 A			—		
Diode Current*	—			—			1 A			1 A			—			—			1 A			1 A			—		
Resistor Type	—			—			1 A			1 A			—			—			1 A			1 A			—		
Resistor Value	—			—			1 A			1 A			—			—			1 A			1 A			—		
Current through Busbar	10 A			1 A			14 A			10 A			10 A			10 A			10 A			10 A			10 A		
Wire Range (Rated Cross Section)	#26...12 AWG			0.5...2.5 mm ²			#22...12 AWG			#26...12 AWG			2.5 mm ²			#22...12 AWG			#26...12 AWG			2.5 mm ²			2.5 mm ²		
Wire Strip Length	0.394 in. (10 mm)									0.39 in. (10 mm)						0.39 in. (10 mm)											
Recommended Tightening Torque	4.4...6.2 lb•in (0.5...0.7 N•m)									4.5...7.1 lb•in (0.5...0.8 N•m)						4.5...7.1 lb•in (0.5...0.8 N•m)											
Density	59 pcs/ft (196 pcs/m)									59 pcs/ft (196 pcs/m)						59 pcs/ft (196 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 [T-8479231]									See [T-8479231]						See [T-8479231]											
Terminal Blocks	Cat. No.			Pkg Qty.			Cat. No.			Pkg Qty.			Cat. No.			Pkg Qty.											
Color: Black	1492-J3DF			50			1492-JD3DF			1			1492-JD3DR			1											
Accessories	Cat. No.			Pkg Qty.			Cat. No.			Pkg Qty.			Cat. No.			Pkg Qty.											
Mounting Rails:	199-DR1			10			199-DR1			10			199-DR1			10											
1 m Symmetrical DIN (Steel)	1492-DR5			10			1492-DR5			10			1492-DR5			10											
1 m Symmetrical DIN (Aluminum)	1492-DR6			2			1492-DR6			2			1492-DR6			2											
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR7			2			1492-DR7			2			1492-DR7			2											
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-EBJ3			50			1492-EBJD3			20			1492-EBJD3			20											
End Barrier	1492-ERL35			20			1492-ERL35			20			1492-ERL35			20											
End Anchors:	1492-EAJ35			100			1492-EAJ35			100			1492-EAJ35			100											
Screwless End Retainer	1492-EAHJ35			50			1492-EAHJ35			50			1492-EAHJ35			50											
DIN Rail — Normal Duty	—			—			1492-CJJ5-10			20			1492-CJJ5-10			20											
DIN Rail — Heavy Duty	—			—			1492-CJJ5-4			50			1492-CJJ5-4			50											
Jumpers:	—			—			1492-CJJ5-3			50			1492-CJJ5-3			50											
Screw Center Jumper — 10-pole	—			—			1492-CJJ5-2			50			1492-CJJ5-2			50											
Screw Center Jumper — 4-pole	—			—			1492-SJ5A-24			50			1492-SJ5A-24			50											
Screw Center Jumper — 3-pole	—			—			1492-SJ5A-10			50			1492-SJ5A-10			50											
Screw Center Jumper — 2-pole	—			—			1492-T1			1			1492-T1			1											
Insulated Side Jumper — 24-Pole	1492-SPJ3			50			1492-PPJD3			20			1492-PPJD3			20											
Insulated Side Jumper — 10-Pole	1492-TP23			20			—			—			—			—											
Screw Type Jumper Notching Tool	1492-MR5X12 (120/card)			5			1492-M5X8 (144/card)			5			1492-M5X8 (144/card)			5											
Other Accessories:	1492-M5X12 (144/card)			5			1492-M5X5 (200/card)			5			1492-M5X5 (200/card)			5											
Partition Plate	—			—			—			—			—			—											
Test Plug	—			—			—			—			—			—											
Marking Systems:	1492-MR5X12 (120/card)			5			1492-M5X8 (144/card)			5			1492-M5X8 (144/card)			5											
Snap-in marker card	1492-M5X12 (144/card)			5			1492-M5X5 (200/card)			5			1492-M5X5 (200/card)			5											
Snap-in marker card	—			—			—			—			—			—											

* See page 12-97 for component specifications.

Screw Connection Terminal Blocks

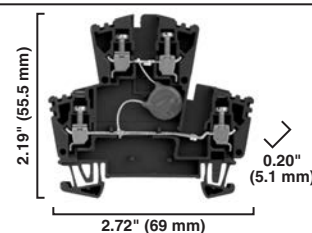
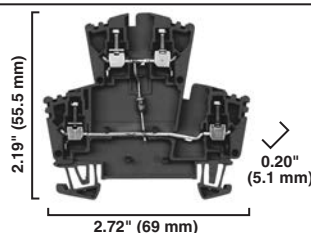
Internal Component Blocks

1492-JD3RC001*

1492-JD3SS

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	Two-level terminal block with a 249 ohm resistor between the levels			Two-level terminal block with an MOV between the levels.		
Certifications		CSA	IEC		CSA	IEC
Voltage Rating	600V AC/DC	300V AC/DC	400V AC/DC	600V AC/DC	115V AC/DC	
Resistor Type	Precision Wire Wound			—		
Resistor Value	249 Ω, 1/2 W			—		
Current through Busbar	20 A	10 A	—	20 A	10 A	24 A
Wire Range (Rated Cross Section)	#22...12 AWG	#26...12 AWG	2.5 mm²	#22...12 AWG	#26...12 AWG	2.5 mm²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
Recommended Tightening Torque	4.5...7.1 lb•in (0.5...0.8 N•m)			4.5...7.1 lb•in (0.5...0.8 N•m)		
Density	59 pcs/ft (196 pcs/m)			59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)		
Terminal Blocks	Cat. No.		Pkg Qty.	Cat. No.		Pkg Qty.
Color: Grey	1492-JD3RC001		1	1492-JD3SS		1
Accessories	Cat. No.		Pkg Qty.	Cat. No.		Pkg Qty.
Mounting Rails:	199-DR1		10	199-DR1		10
1 m Symmetrical DIN (Steel)						
1 m Symmetrical DIN (Aluminum)	1492-DR5		10	1492-DR5		10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6		2	1492-DR6		2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7		2	1492-DR7		2
End Barrier	1492-EBJD3		20	1492-EBJD3		20
End Anchors:	1492-ERL35		20	1492-ERL35		20
Screwless End Retainer						
DIN Rail — Normal Duty	1492-EAJ35		100	1492-EAJ35		100
DIN Rail — Heavy Duty	1492-EAHJ35		50	1492-EAHJ35		50
Jumpers:	1492-CJJ5-10		20	1492-CJJ5-10		20
Screw Center Jumper — 10-pole						
Screw Center Jumper — 4-pole	1492-CJJ5-4		50	1492-CJJ5-4		50
Screw Center Jumper — 3-pole	1492-CJJ5-3		50	1492-CJJ5-3		50
Screw Center Jumper — 2-pole	1492-CJJ5-2		50	1492-CJJ5-2		50
Insulated Side Jumper — 24-Pole	1492-SJ5A-24		50	1492-SJ5A-24		50
Insulated Side Jumper — 10-Pole	1492-SJ5A-10		50	1492-SJ5A-10		50
Screw Type Jumper Notching Tool	1492-T1		1	1492-T1		1
Other Accessories:	1492-PPJD3		20	1492-PPJD3		20
Partition Plate						
Marking Systems:	1492-M5X8 (144/card)		5	1492-M5X8 (144/card)		5
Snap-in marker card						
Snap-in marker card	1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5

* See page 12-97 for component specifications.

IEC Terminal Block Accessories

Jumpers

Side Jumpers

For Use With	Pkg Qty.	Cat. No.
1492-WM4, W4	50	1492-N42
1492-H4, H5, H6, H7	10	1492-N49
	10	* 1492-SJS
1492-W3, WR3	10	1492-SJ5-10
1492-JD3, JD3C, JD3F, JDG3, JD3DF, JD3DR, JD3SS, JDG3P	50	1492-SJ5A-10
1492-JD3, JD3C, JD3F, JDG3, JD3DF, JD3DR, JD3SS, JDG3P	50	1492-SJ5A-24
1492-JD3, JD3C, JD3F, JDG3, JD3DF, JD3DR, JD3SS, JDG3P	50	1492-SJ5B-24
1492-JD3, JD3C, JD3F, JDG3, JD3DF, JD3DR, JD3SS, JDG3P	50	1492-SJ5B-10
1492-WM4, W4, W4TW	10	⚡ 1492-SJ6-10
1492-JT3M	5	1492-SJ6A-50
1492-W10	10	1492-SJ8-10
1492-JD3FB, JDG3FB	50	1492-SJ8A-4
1492-JD3FB, JDG3FB	50	1492-SJ8A-3
1492-JD3FB, JDG3FB	50	1492-SJ8A-2
1492-LMP3, LMP3Q, LMJ3, LM3, LM3Q, LMP3E, LMP3QE	50	1492-SJLM5-2
1492-WMD1	10	‡ 1492-SJMD5-12
1492-WFB4, WFB424, WFB4250	10	1492-SJFB8-10
1492-WM3	10	1492-SJM5-10
1492-WTF3, WTS3, WTF3LP, WTS3LP, WTF3LN, WTS3LN	10	1492-SJT5-20-R
1492-WTF3, WTS3, WTF3LP, WTS3LP, WTF3LN, WTS3LN	10	1492-SJT5-20-B

Note: Side jumpers carry the same current rating as the terminal block used with it

* Side jumper insulating sleeve only for use with Cat. No. 1492-N49

⚡ Use jumper on single side of terminal block only

‡ Uninsulated

Two-Level Jumper

For Use With	Pkg Qty.	Cat. No.
1492-LTF3 (Connects Two Levels within a 1492-LTF3 Terminal Block)	20	1492-CJL5D

