

Screw Connection Terminal Blocks

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Power Blocks

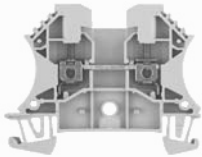
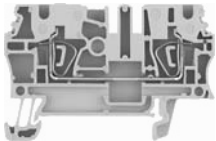
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PanelConnect™ Modules for Input/Output Connections

Web†

		
Bulletin	1492-J	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 four 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	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 12-45

Certifications

Allen-Bradley screw 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 screw 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 50014 — Electrical Apparatus for Potentially Explosive Atmospheres — General Requirements
- EN 50019 — 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, Continued/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:

- E79-0-95 — Electrical Apparatus for Explosive Atmospheres — Part 0 — General Requirements
- E79-7-95 — 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:

- UL 2279 — 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, offshore, 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.

Materials and Design Features (Bulletin 1492-J and 1492-W)

Bulletin 1492 Screw Terminal Block line is designed for safety, installation ease, and ruggedness. Features using these design criteria include:

- High copper content alloy for excellent conductivity
- Tin-plated terminals and zinc chromate steel screws for corrosion resistance (1492-W terminal blocks have nickel-plated terminals and stainless steel screws)
- Four-sided wire funnel guides for easy insertion
- Finger-safe housings to prevent accidental contact with live circuits
- International certifications 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 with UL 94 V0 flammability rating (1492-W terminal blocks have UL 94 V2 flammability rating)
- Backed out screws for fast wiring
- CE mark for use in the European Union

The Allen-Bradley IEC Terminal Block Line... 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

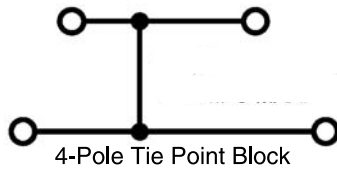
Our family of IEC terminal blocks consists of many different types of blocks, from general feed-through terminal blocks for control wiring to specialty blocks for grounding and isolating. We even offer thermocouple terminal blocks, specifically designed for temperature-dependent process control applications.

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.

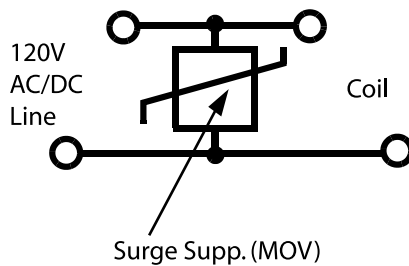
Tie-Point Block (Cat. No. 1492-JD3C)

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



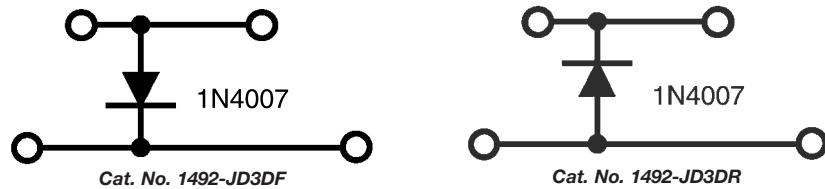
Surge Suppression Block (Cat. Nos. 1492-JD3SS)

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



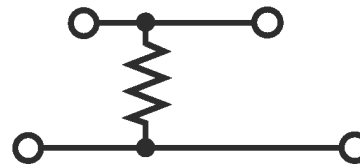
Diode Block (Cat. Nos. 1492-JD3DF, 1492-JD3DR)

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-JD3RC001)

Permits the introduction of a 249 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:


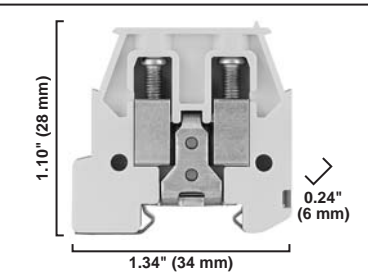
- Tin-plated terminals and steel screws for corrosion resistance (Bulletin 1492-W terminal blocks have nickel-plated terminals and stainless steel screws)
- High copper content copper alloy for excellent conductivity
- Four-sided wire funnel guides for easy wire insertion
- Finger-safe housings to prevent 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

Mini Blocks

	1492-WM3				1492-WM4				1492-WMD1					
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				<i>Single-circuit mini terminal block.</i>				<i>Single-circuit mini terminal block.</i>				<i>Two-circuit mini terminal block.</i>	
Certifications														
Voltage Rating	300V AC/DC	500V AC/DC	300V AC/DC	420V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	420V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC			
Maximum Current	15 A	24 A	15 A	24 A	20 A	32 A	20 A	32 A	15 A	15 A	17.5 A			
Wire Range (Rated Cross Section)	#30...14 AWG	0.5...2.5 mm ²	#22...14 AWG	2.5 mm ²	#22...12 AWG	0.5...4.0 mm ²	#22...12 AWG	4.0 mm ²	#22...16 AWG		0.5...1.5 mm ²			
Wire Strip Length	0.24 in. (6 mm)				0.39 in. (10 mm)				0.35 in (9 mm)					
Recommended Tightening Torque	4.2...4.6 lb•in. (0.5 N•m)				5.0...5.6 lb•in. (0.6 N•m)				4.2...4.6 lb•in (0.5 N•m)					
Density	61 pcs/ft (200/m)				50 pcs/ft (166/m)				61 pcs/ft (200/m)					
Housing Temperature Range	-40...+195 °F (-40...+90 °C)				-40...+195 °F (-40...+90 °C)				-40...+195 °F (-40...+90 °C)					
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.				
Color:	Grey	1492-WM3	50	1492-WM4	50	1492-WMD1	50	1492-WMD1-RE	50	1492-WMD1-B	50			
	Red	1492-WM3-RE	50	1492-WM4-RE	50	1492-WMD1-RE	50	1492-WMD1-RE	50	1492-WMD1-BL	50			
	Blue	1492-WM3-B	50	1492-WM4-B	50	1492-WMD1-B	50	1492-WMD1-B	50	1492-WMD1-G	50			
	Black	1492-WM3-BL	50	1492-WM4-BL	50	1492-WMD1-BL	50	1492-WMD1-BL	50	1492-WMD1-Y	50			
	Green	1492-WM3-G	50	1492-WM4-G	50	1492-WMD1-G	50	1492-WMD1-G	50	1492-WMD1-OR	50			
	Yellow	1492-WM3-Y	50	1492-WM4-Y	50	1492-WMD1-Y	50	1492-WMD1-Y	50	1492-WMD1-BR	50			
	Orange	1492-WM3-OR	50	1492-WM4-OR	50	1492-WMD1-OR	50	1492-WMD1-OR	50	1492-WMD1-W	50			
	Brown	1492-WM3-BR	50	1492-WM4-BR	50	1492-WMD1-BR	50	1492-WMD1-BR	50					
	White	1492-WM3-W	50	1492-WM4-W	50	1492-WMD1-W	50	1492-WMD1-W	50					
Accessories	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.						
Mounting Rails: 1 m Sym. mini DIN (Steel)	1492-DR3	5	1492-DR3	5	1492-DR3	5	1492-DR3	5						
End Barrier	1492-EBM3	50	1492-EBM4	50	1492-EBMD1	50	1492-EBMD1	50						
End Anchors and Retainers: Mini Screwless End Retainer	1492-ERL15	20	1492-ERL15	20	1492-ERL15	20	1492-ERL15	20						
Mini DIN Anchor — Normal Duty	1492-EAJ15	50	1492-EAJ15	50	1492-EAJ15	50	1492-EAJ15	50						
Jumpers: Insulated Side Jumper	1492-SJM5-10 (10-pole)	10	1492-N42 (2-pole) 1492-SJ6-10 (10-pole)	50 10	—	—	—	—						
Side Jumper — 12-pole insulated	—	—	—	—	1492-SJMD5-12 (Uninsulated)	10	1492-SJMD5-12 (Uninsulated)	10						
Center Jumper — 50-pole	—	—	1492-CJD6-50	5	—	—	—	—						
Center Jumper — 10-pole	1492-CJM5-10	10	1492-CJD6-10	10	—	—	—	—						
Center Jumper — 5-pole	—	—	1492-CJD6-5	10	—	—	—	—						
Center Jumper — 4-pole	—	—	1492-CJD6-4	10	—	—	—	—						
Center Jumper — 3-pole	1492-CJM5-3	10	1492-CJD6-3	10	—	—	—	—						
Center Jumper — 2-pole	1492-CJM5-2	10	1492-CJD6-2	10	—	—	—	—						
Center Jumper Link	1492-CJL5	10	1492-CJL6	10	—	—	—	—						
Other Accessories: Partition Plate	1492-PPM3	50	1492-PPM3	50	1492-PPMD1	50	1492-PPMD1	50						
Test Plug	—	—	1492-TP28	10	—	—	—	—						
Test Plug Adapter	1492-TA285	10	1492-TA40	10	—	—	—	—						
Electrical Warning Plate (4-pole)	—	—	1492-EWP6-4	10	—	—	—	—						
Marking Systems: Snap-in Marker Card	1492-MS5X5 (80/card)	5	1492-MS6X9 (80/card)	5	1492-MS5X5 (80/card)	5	1492-MS5X5 (80/card)	5						
Individual Marker Tab (single character)*	1492-MP5(100/card)	5	1492-MP(10/stick)	10	1492-MP5(100/card)	5	1492-MP5(100/card)	5						

* Cat. no. is incomplete. See page 12-82.

	1492-WMG3	1492-WMG4		
<p>Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.</p> 				
Specifications	Single-circuit mini grounding terminal block.	Single-circuit mini grounding terminal block.		
Certifications	IEC	UL, IEC		
Maximum Current	Grounding	Grounding		
Wire Range (Rated Cross Section)	#14 AWG (2.5 mm ²)	#22...12 AWG 0.5...4.0 mm ²		
Wire Strip Length	0.31 in. (8 mm)	0.39 in. (10 mm)		
Recommended Tightening Torque	6.2 lb•in. (0.7 N•m)	5.3 lb•in. (0.6 N•m)		
Density	50 pcs/ft (166 pcs/m)	50 pcs/ft (166 pcs/m)		
Housing Temperature Range	—	-40...+195 °F (-40...+90 °C)		
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: Metallic	1492-WMG3	50	—	—
Green/Yellow	—	—	1492-WMG4	10
Accessories	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Mounting Rails: 1 m Sym. Mini DIN (Steel)	1492-DR3	5	1492-DR3	5
End Anchors and Retainers: Mini Screwless End Retainer	—	—	1492-ERL15	20
Mini DIN Anchor — Normal Duty	—	—	1492-EAJ15	50
Other Accessories: Partition Plate	1492-PPM3	50	1492-PPM3	50
Marking Systems: Snap-in Marker Card	—	—	1492-MS6X9 (80/card)	5
Individual Marker Tab (single character)*	—	—	1492-MP(10/stick)	10

* Cat. no. is incomplete. See page 12-82.

Screw Connection Terminal Blocks

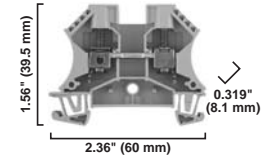
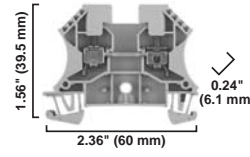
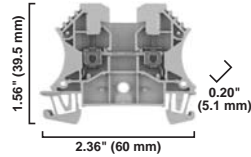
Standard Feed-Through Blocks

1492-J3

1492-J4

1492-J6

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				Feed-Through Terminal Block				Feed-Through Terminal Block			
	UL	CSA	IEC	ATEX	UL	CSA	IEC	ATEX	UL	CSA	IEC	ATEX
Certifications	UL	CSA	IEC	ATEX	UL	CSA	IEC	ATEX	UL	CSA	IEC	ATEX
Voltage Rating	600V AC/DC				600V AC/DC				600V AC/DC			
Maximum Current	65 A	50 A	24 A	21 A	35 A	25 A	32 A	28 A	50 A	41 A	36 A	36 A
Wire Range (Rated Cross Section)	#22... 12 AWG	#26... 12 AWG	2.5 mm ²	2.5 mm ² (#20... 14 AWG)	#22... 10 AWG	#26... 10 AWG	4 mm ²	4 mm ² (#20... 12 AWG)	#22...8 AWG	6 mm ²	6 mm ² (#20... 10 AWG)	6 mm ² (#20... 10 AWG)
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.47 in (12 mm)			
Recommended Tightening Torque	4.5...7.1 lb•in. (0.5...0.8 N•m)				9.0 lb•in. (1.0 N•m)				14.2 lb•in (1.6 N•m)			
Density	59 pcs/ft (196 pcs/m)				49 pcs/ft (163 pcs/m)				37 pcs/ft (123 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 12-43											

Terminal Blocks		Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color:	Grey	1492-J3	100	1492-J4	100	1492-J6	100
	Red	1492-J3-RE	100	1492-J4-RE	100	1492-J6-RE	100
	Blue	1492-J3-B	100	1492-J4-B	100	1492-J6-B	100
	Black	1492-J3-BL	100	1492-J4-BL	100	1492-J6-BL	100
	Green	1492-J3-G	100	1492-J4-G	100	1492-J6-G	100
	Yellow	1492-J3-Y	100	1492-J4-Y	100	1492-J6-Y	100
	Orange	1492-J3-OR	100	1492-J4-OR	100	1492-J6-OR	100
	Brown	1492-J3-BR	100	1492-J4-BR	100	1492-J6-BR	100
	White	1492-J3-W	100	1492-J4-W	100	1492-J6-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 Barriers	Grey	1492-EBJ3	50	1492-EBJ3	50	1492-EBJ3	50
	Blue	1492-EBJ3-B	50	1492-EBJ3-B	50	1492-EBJ3-B	50
	Yellow	1492-EBJ3-Y	50	1492-EBJ3-Y	50	1492-EBJ3-Y	50
End Anchors and Retainers:							
Screwless End Retainer		1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty		1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty		1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Jumpers:*							
Screw Center Jumper — 10-pole		1492-CJJ5-10	20	1492-CJJ6-10	20	1492-CJJ8-10	20
Screw Center Jumper — 4-pole		1492-CJJ5-4	50	1492-CJJ6-4	50	1492-CJJ8-4	50
Screw Center Jumper — 3-pole		1492-CJJ5-3	50	1492-CJJ6-3	50	1492-CJJ8-3	50
Screw Center Jumper — 2-pole		1492-CJJ5-2	50	1492-CJJ6-2	50	1492-CJJ8-2	50
Plug-in Center Jumper — 50-Pole		1492-CJLJ5-50	10	1492-CJLJ6-41 (41-pole)	10	—	—
Plug-in Center Jumper — 10-Pole		1492-CJLJ5-10	20	1492-CJLJ6-10	20	—	—
Plug-in Center Jumper — 9-Pole		1492-CJLJ5-9	20	—	—	—	—
Plug-in Center Jumper — 8-Pole		1492-CJLJ5-8	20	—	—	—	—
Plug-in Center Jumper — 7-Pole		1492-CJLJ5-7	20	—	—	—	—
Plug-in Center Jumper — 6-Pole		1492-CJLJ5-6	20	—	—	—	—
Plug-in Center Jumper — 5-Pole		1492-CJLJ5-5	20	—	—	—	—
Plug-in Center Jumper — 4-Pole		1492-CJLJ5-4	60	1492-CJLJ6-4	60	—	—
Plug-in Center Jumper — 3-Pole		1492-CJLJ5-3	60	1492-CJLJ6-3	60	—	—
Plug-in Center Jumper — 2-Pole		1492-CJLJ5-2	60	1492-CJLJ6-2	60	—	—
Insulated Side Jumper — 24-Pole		1492-SJ5B-24	50	—	—	—	—
Insulated Side Jumper — 10-Pole		1492-SJ5B-10	50	—	—	—	—
Screw Type Jumper Notching Tool		1492-T1	1	1492-T1	1	1492-T1	1
Other Accessories:							
Partition Plate		1492-EBJ16	20	1492-EBJ16	20	1492-EBJ16	20
Test Plug Socket		1492-TPS23	20	1492-TPS23L	50	1492-TPS23L	50
Test Plug		1492-TP23	20	1492-TP23	20	1492-TP23	20
Test Plug (Stackable)		1492-TPJ5	25	1492-TPJ6	25	—	—
Electrical Warning Plate		1492-EWPJ5	25	1492-EWPJ5	25	1492-EWPJ8	50
Group Marking Carrier		1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems:							
Snap-in Marker Cards		1492-M5X12 (144/card)	5	1492-M6X12 (120/card)	5	1492-MR8X12 (84/card)	5
		1492-M5X5 (200/card)	5	1492-M6X5 (200/card)	5	1492-M8X5 (160/card)	5

* Use of center jumpers may affect spacings, requiring derating of terminal blocks. See page 12-78 for details.

Screw Connection Terminal Blocks

Standard Feed-Through Blocks, Continued

	1492-J10				1492-J16				1492-J35			
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 <i>Feed-Through Terminal Block</i>				Specifications <i>Feed-Through Terminal Block</i>				Specifications <i>Feed-Through Terminal Block</i>			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	600V AC/DC		1000V AC/DC	550V AC/DC	600V AC/DC		1000V AC/DC	690V AC/DC	1000V AC/DC		600V AC/DC	1000V AC/DC
Maximum Current	65 A	50 A	57 A	50 A	85 A		76 A	66 A	150 A	120 A	125 A	109 A
Wire Range (Rated Cross Section)	#18...6 AWG		10 mm ²	10 mm ² (#16...8 AWG)	#18...6 AWG	#18...4 AWG	16 mm ²	16 mm ² (#16...6 AWG)	#12...1/0 AWG	#12...2 AWG	35 mm ²	35 mm ² (#14...2 AWG)
Wire Strip Length	0.47 in. (12 mm)				0.63 in. (16 mm)				0.70 in. (18 mm)			
Recommended Tightening Torque	20.4 lb•in. (2.3 N•m)				35.0 lb•in. (4.0 N•m)				51.0 lb•in. (5.8 N•m)			
Density	30 pcs/ft (100 pcs/m)				25 pcs/ft (83 pcs/m)				19 pcs/ft (62 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 12-43											
Terminal Blocks		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.
Color:	Grey	1492-J10	50		1492-J16	50		1492-J35	40			
	Red	1492-J10-RE	50		1492-J16-RE	50		—	—			
	Blue	1492-J10-B	50		1492-J16-B	50		1492-J35-B	40			
	Black	1492-J10-BL	50		1492-J16-BL	50		—	—			
	Green	1492-J10-G	50		1492-J16-G	50		—	—			
	Yellow	1492-J10-Y	50		1492-J16-Y	50		1492-J35-Y	40			
	Orange	1492-J10-OR	50		1492-J16-OR	50		—	—			
	Brown	1492-J10-BR	50		1492-J16-BR	50		—	—			
	White	1492-J10-W	50		1492-J16-W	50		—	—			
Accessories		Cat. No.	Pkg Qty.		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 Heavy Duty DIN (Steel, unslotted)		199-DR4	5		199-DR4	5		199-DR4	5			
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			
1 m Symmetrical Heavy Duty DIN (Copper, unslotted)		1492-DR8	5		1492-DR8	5		1492-DR8	5			
1 m Symmetrical Heavy Duty DIN (Steel)		1492-DR9	5		1492-DR9	5		1492-DR9	5			
End Barriers	Grey	1492-EBJ3	50		1492-EBJ16	20		1492-EBJ16	20			
	Blue	1492-EBJ3-B	50		1492-EBJ16-B	20		1492-EBJ16-B	20			
	Yellow	1492-EBJ3-Y	50		1492-EBJ16-Y	20		1492-EBJ16-Y	20			
End Anchors 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:												
Screw Center Jumper — 10-pole		1492-CJJ10-10	20		1492-CJJ12-10	10		1492-CJJ16-10	10			
Screw Center Jumper — 4-pole		1492-CJJ10-4	50		1492-CJJ12-4	20		1492-CJJ16-4	20			
Screw Center Jumper — 3-pole		1492-CJJ10-3	50		1492-CJJ12-3	20		1492-CJJ16-3	20			
Screw Center Jumper — 2-pole		1492-CJJ10-2	50		1492-CJJ12-2	20		1492-CJJ16-2	20			
Screw Type Jumper Notching Tool		1492-T1	1		1492-T1	1		1492-T1	1			
Other Accessories:												
Partition Plate		1492-EBJ16	20		1492-PPJD3	20		1492-PPJD3	20			
Test Plug Socket		1492-TPS23L	50		1492-TPS4L	50		1492-TPS4L	50			
Test Plug		1492-TP23	20		1492-TP40	20		1492-TP40	20			
Electrical Warning Plate		1492-EWPJ8	50		1492-EWPJ12	50		1492-EWPJ12	50			
Group Marking Carrier		1492-GM35	25		1492-GM35	25		1492-GM35	25			
Marking Systems:												
Snap-in marker cards		1492-M7X12 (108/card)	5		1492-M7X12 (108/card)	5		1492-M7X12 (108/card)	5			
Snap-in marker cards		1492-M5X5 (200/card)	5		1492-M5X5 (200 card)	5		1492-M5X5 (200/card)	5			

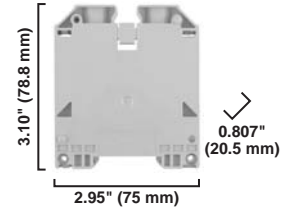
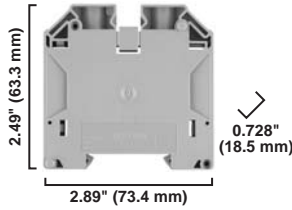
Screw Connection Terminal Blocks

Standard Feed-Through Blocks, Continued

1492-J50

1492-J70

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

Certifications	Feed-Through Terminal Block				Feed-Through Terminal Block			
		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	1000V AC/DC	600V AC/DC	1000V AC/DC	690V AC/DC	600V AC/DC	1000V AC/DC	690V AC/DC	690V AC/DC
Maximum Current	150 A		150 A	126 A	175 A	205 A	192 A	167 A
Wire Range (Rated Cross Section)	#10... 1/0 AWG	#8... 1/0 AWG	50 mm ²	#10... 1/0 AWG 50 mm ²	#6...2/0 AWG		70 mm ²	#8...2/0 AWG 70 mm ²
Wire Strip Length	0.94 in. (24 mm)				0.87 in. (22 mm)			
Recommended Tightening Torque	31.5 lb•in. (3.6 N•m)				87.0 lb•in. (9.8 N•m)			
Density	16 pcs/ft (54 pcs/m)				14 pcs/ft (48 pcs/m)			
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)			
Short-Circuit Current Rating	See page 12-43							

Terminal Blocks		Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color:	Grey	1492-J50	10	1492-J70	10
	Blue	1492-J50-B	10	1492-J70-B	10
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 Heavy Duty DIN (Steel, Unslotted)		199-DR4	5	199-DR4	5
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
1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)		1492-DR8	5	1492-DR8	5
1 m Symmetrical Heavy Duty DIN (Steel)		1492-DR9	5	1492-DR9	5
End Barriers		Not Required	—	Not Required	—
End Anchors: DIN Rail — Heavy Duty		1492-EAHJ35	50	1492-EAHJ35	50
Jumpers:					
Screw Center Jumper — 4-pole		1492-CJJ18-4	10	1492-CJJ20-4	5
Screw Center Jumper — 3-pole		1492-CJJ18-3	10	1492-CJJ20-3	5
Screw Center Jumper — 2-pole		1492-CJJ18-2	10	1492-CJJ20-2	5
Other Accessories:					
Control Circuit Tap*		—	—	1492-J70A	10
Electrical Warning Plate		1492-EWPJ18	50	1492-EWPJ18	50
Group Marking Carrier		1492-GM35	25	1492-GM35	25
Marking Systems:					
Snap-in marker cards		1492-M7X12 (108/card)	5	1492-M7X12 (108/card)	5
Snap-in marker cards		1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5

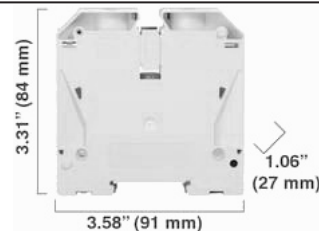
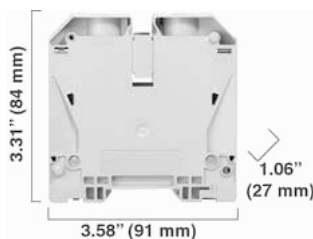
* Auxiliary connection to J70, allowing a single additional 4 mm² (12 AWG) wire connection.

1492-J120

1492-JG120

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	<i>Feed-through terminal block</i>			<i>Feed-through ground block</i>		
Certifications		CSA	IEC		CSA	IEC
Voltage Rating	1000V AC/DC			—		
Maximum Current	228 A	220 A	269 A	—		
Wire Range (Rated Cross Section)	#4...250 MCM AWG	#4...4/0 AWG	16...120 mm ²	#4...3/0 AWG	#4...4/0 AWG	16...95 mm ²
Wire Strip Length	1.06 in. (27 mm)			1.06 in. (27 mm)		
Recommended Tightening Torque	141.6 lb•in. (16.0 N•m)			88.5 lb•in. (10 N•m)		
Density	11 pcs/ft (37 pcs/m)			11 pcs/ft (37 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)		
Short-Circuit Current Rating	See page 12-43					
Terminal Blocks	Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Color: Grey	1492-J120	5		—	—	
Green/Yellow	—	—		1492-JG120	5	
Beige	—	—		—	—	
Accessories	Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Mounting Rails:						
1 m Symmetrical heavy Duty DIN (Steel/Unslotted)	199-DR4	5		—	—	
1 m Symmetrical Heavy Duty DIN (Copper Unslotted)	1492-DR8	5		1492-DR8	5	
1 m Symmetrical heavy Duty DIN (Steel/Slotted)	1492-DR9	5		—	—	
End Barrier	Not Required	—		Not Required	—	
End Anchors and Retainers:						
End Anchor — Heavy Duty	1492-EAHJ35	50		1492-EAHJ35	50	
Jumpers:						
Screw Center Jumper — 2-pole	1492-CJJ27-2	5		—	—	
Screw Center Jumper — 3-pole	1492-CJJ27-3	5		—	—	
Screw Center Jumper — 4-pole	1492-CJJ27-4	5		—	—	
Side Jumper — 2-pole	—	—		—	—	
Side Jumper — 3-pole	—	—		—	—	
Other Accessories:						
Group Marking Carrier	1492-GM35	25		1492-GM35	25	
Marking Systems:						
Snap-in Marker Cards	1492-MR8X12 (84/card)	5		1492-MR8X12 (84/card)	5	
	1492-M7X12 (108/card)	5		1492-M7X12 (108/card)	5	

Screw Connection Terminal Blocks

Space-Saver Feed-Through Blocks

	1492-W3				1492-W4				1492-W6			
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-circuit terminal block.				Single-circuit terminal block.				Single-circuit terminal block.			
Specifications												
Certifications												
Voltage Rating	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC
Maximum Current	20 A	24 A	20 A	24 A	30 A	32 A	30 A	32 A	40 A	41 A	40 A	41 A
Wire Range (Rated Cross Section)	#30...14 AWG	0.5...2.5 mm ²	#22...14 AWG	2.5 mm ²	#22...10 AWG	0.5...4.0 mm ²	#22...10 AWG	4.0 mm ²	#22...10 AWG	0.5...6.0 mm ²	#22...10 AWG	6.0 mm ²
Wire Strip Length	0.39 in. (10 mm)				0.35 in. (9 mm)				0.47 in (12 mm)			
Recommended Tightening Torque	5.0...5.6 lb•in. (0.6 N•m)				5.0...5.6 lb•in. (0.6 N•m)				5.6...6.8 lb•in (0.7 N•m)			
Density	61 pcs/ft (200 pcs/m)				50 pcs/ft (166 pcs/m)				43 pcs/ft (142 pcs/m)			
Housing Temperature Range	-40...+195 °F (-40...+90 °C)				-40...+195 °F (-40...+90 °C)				-40...+195 °F (-40...+90 °C)			
Terminal Blocks		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.
Color:	Grey	1492-W3	50		1492-W4	50		1492-W6	50		1492-W6	50
	Red	1492-W3-RE	50		1492-W4-RE	50		1492-W6-RE	50		1492-W6-RE	50
	Blue	1492-W3-B	50		1492-W4-B	50		1492-W6-B	50		1492-W6-B	50
	Black	1492-W3-BL	50		1492-W4-BL	50		1492-W6-BL	50		1492-W6-BL	50
	Green	1492-W3-G	50		1492-W4-G	50		1492-W6-G	50		1492-W6-G	50
	Yellow	1492-W3-Y	50		1492-W4-Y	50		1492-W6-Y	50		1492-W6-Y	50
	Orange	1492-W3-OR	50		1492-W4-OR	50		1492-W6-OR	50		1492-W6-OR	50
	Brown	1492-W3-BR	50		1492-W4-BR	50		1492-W6-BR	50		1492-W6-BR	50
	White	1492-W3-W	50		1492-W4-W	50		1492-W6-W	50		1492-W6-W	50
Accessories		Cat. No.	Pkg Qty.		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		199-DR1	10
1 m Symmetrical DIN (Aluminum)		1492-DR5	10		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		1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)		1492-DR7	2		1492-DR7	2		1492-DR7	2		1492-DR7	2
End Barrier		1492-EB3	50		1492-EB3	50		1492-EB10	50		1492-EB10	50
End Anchors and Retainers:												
Screwless End Retainer		1492-ERL35	20		1492-ERL35	20		1492-ERL35	20		1492-ERL35	20
DIN Rail — Normal Duty		1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35	100
DIN Rail — Heavy Duty		1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35	50
Jumpers:												
Insulated Side Jumper		1492-SJ5-10 (10-pole)	10		1492-N42 (2-pole) 1492-SJ6-10 (10-pole)	50 10		—	—		—	—
Center Jumper — 50-pole		1492-CJ5-50	5		1492-CJ6-50	5		—	—		—	—
Center Jumper — 40-pole		—	—		—	—		1492-CJ7-40	5		1492-CJ7-40	5
Center Jumper — 10-pole		1492-CJ5-10	10		1492-CJ6-10	10		1492-CJ7-10	10		1492-CJ7-10	10
Center Jumper — 5-pole		1492-CJ5-5	10		1492-CJ6-5	10		1492-CJ7-5	10		1492-CJ7-5	10
Center Jumper — 4-pole		1492-CJ5-4	10		1492-CJ6-4	10		1492-CJ7-4	10		1492-CJ7-4	10
Center Jumper — 3-pole		1492-CJ5-3	10		1492-CJ6-3	10		1492-CJ7-3	10		1492-CJ7-3	10
Center Jumper — 2-pole		1492-CJ5-2	10		1492-CJ6-2	10		1492-CJ7-2	10		1492-CJ7-2	10
Center Jumper Link		1492-CJL5	10		1492-CJL6	10		1492-CJL7	10		1492-CJL7	10
Center Jumper Cover — White	*	1492-CJCW5	20		1492-CJCW6	20		1492-CJCW6	20		1492-CJCW6	20
Other Accessories:												
Partition Plate		1492-PP3	50		1492-PP3	50		1492-PP10	50		1492-PP10	50
Separation Plate		1492-SP3	50		1492-SP3	50		—	—		—	—
Test Plug		—	—		1492-TP28	10		1492-TP28	10		1492-TP28	10
Stackable Test Plug (with Legs)		—	—		1492-TP6EWL	10		—	—		—	—
Stackable Test Plug (without Legs)		—	—		1492-TP6E	10		—	—		—	—
Test Plug Adapter		1492-TA285	10		1492-TA40	10		1492-TA40	10		1492-TA40	10
Electrical Warning Plate (1-pole)		1492-EWP5	10		1492-EWP6	10		1492-EWP7	10		1492-EWP7	10
Electrical Warning Plate (4-pole)		1492-EWP5-4	10		1492-EWP6-4	10		1492-EWP7-4	10		1492-EWP7-4	10
Group Marking Carrier		1492-GM35	25		1492-GM35	25		1492-GM35	25		1492-GM35	25
Marking Systems:												
Snap-in Marker Cards		1492-MS5X12 (80/card)	5		1492-MS6X12 (80/card)	5		1492-MS6X12 (80/card)	5		1492-MS6X12 (80/card)	5

* May only be used as a marking surface. Cannot be installed over a center jumper.

Screw Connection Terminal Blocks

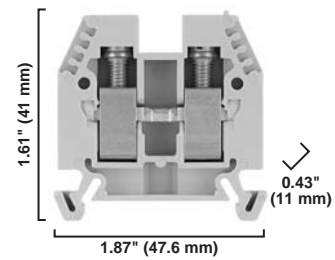
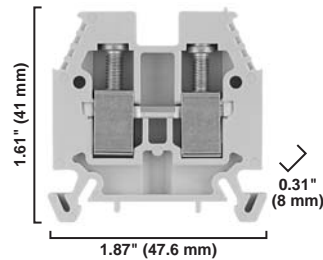
Space-Saver Feed-Through Blocks, Continued

1492-W10

1492-W16S

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-circuit terminal block.				
Certifications		IEC	CSA	ATEX		IEC	CSA	ATEX	
Voltage Rating	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC	550V AC/DC	
Maximum Current	50 A	57 A	50 A	50 A	85 A	76 A	85 A	96 A	
Wire Range (Rated Cross Section)	#22...8 AWG	10 mm ²	#22...8 AWG	0.5...10 mm ²	#14...4 AWG	16 mm ²	#14...4 AWG	2.5...16 mm ²	
Wire Strip Length	0.51 in. (13 mm)				0.51 in. (13 mm)				
Recommended Tightening Torque	12.2...13.4 lb•in. (1.4 N•m)				18...20 lb•in. (2.1 N•m)				
Density	38 pcs/ft (125 pcs/m)				27 pcs/ft (90 pcs/m)				
Housing Temperature Range	-40...+195 °F (-40...+90 °C)				-40...+195 °F (-40...+90 °C)				
Terminal Blocks		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.	
Color:	Grey	1492-W10		50		1492-W16S		50	
	Red	1492-W10-RE		50		1492-W16S-RE		50	
	Blue	1492-W10-B		50		1492-W16S-B		50	
	Black	1492-W10-BL		50		1492-W16S-BL		50	
	Green	1492-W10-G		50		1492-W16S-G		50	
	Yellow	1492-W10-Y		50		1492-W16S-Y		50	
	Orange	1492-W10-OR		50		1492-W16S-OR		50	
	Brown	1492-W10-BR		50		1492-W16S-BR		50	
	White	1492-W10-W		50		1492-W16S-W		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-EB10		50		1492-EB10		50	
End Anchors:									
DIN Rail — Normal Duty		1492-EAJ35		100		1492-EAJ35		100	
DIN Rail — Heavy Duty		1492-EAHJ35		50		1492-EAHJ35		50	
Jumpers:									
Side Jumper — 10-pole insulated		1492-SJ8-10		10		—		—	
Center Jumper — 40-pole		1492-CJ8-40		5		—		—	
Center Jumper — 10-pole		1492-CJ8-10		10		1492-CJS11-10		10	
Center Jumper — 5-pole		1492-CJ8-5		10		1492-CJS11-5		10	
Center Jumper — 4-pole		1492-CJ8-4		10		1492-CJS11-4		10	
Center Jumper — 3-pole		1492-CJ8-3		10		1492-CJS11-3		10	
Center Jumper — 2-pole		1492-CJ8-2		10		1492-CJS11-2		10	
Center Jumper Link		1492-CJL8		10		—		—	
Center Jumper Cover — White		1492-CJCW6		20		—		—	
Other Accessories:									
Partition Plate		1492-PP10		50		1492-PP10		50	
Test Plug		1492-TP28		10		—		—	
Test Plug Adapter		1492-TA40		10		1492-TA40L		10	
Electrical Warning Plate (1-pole)		1492-EWP8		10		1492-EWP11		10	
Electrical Warning Plate (4-pole)		1492-EWP8-4		10		1492-EWP11-4		10	
Group Marking Carrier		1492-GM35		25		1492-GM35		25	
Marking Systems:									
Snap-in Marker Card		1492-MS8X12 (56/card)		5		1492-MS6X12 (80/card)		5	

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.											
	<i>Two-Level Feed-Through Terminal Block</i>				<i>Two-Level, two-circuit feed-through terminal block</i>				<i>Three-level, three-circuit terminal block with ground point</i>		
Specifications											
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 mm ²	2.5 mm ² (20...14 AWG)	#26...10 AWG		0.5...4 mm ²	4 mm ² (20...12 AWG)	#22...12 AWG	#26...10 AWG	0.5...2.5 mm ²
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 12-43										
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-O	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:											
Screw Center Jumper — 10-pole		—	—		1492-CJLJ6-41	10		—	—		
Screw Center Jumper — 10-pole		1492-CJJ5-10	20		1492-CJLJ6-10	20		—	—		
Screw Center Jumper — 4-pole		1492-CJJ5-4	50		1492-CJLJ6-4	60		—	—		
Screw Center Jumper — 3-pole		1492-CJJ5-3	50		1492-CJLJ6-3	60		—	—		
Screw 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		—	—		—	—		
Group Marking Carrier		1492-GM35	25		1492-GM35	25		1492-GM35	25		
Marking Systems:											
Snap-in marker cards		1492-M5X8 (144/card)	5		1492-MR6X8 (120/card)	5		1492-MR6X8 (120/card)	5		
Snap-in marker cards		1492-M5X5 (200/card)	5		1492-M6X5 (200/card)	5		1492-M6X5 (200/card)	5		

Screw Connection Terminal Blocks

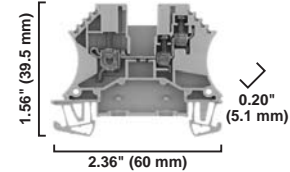
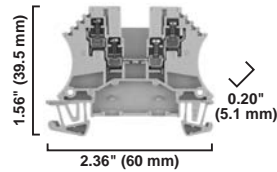
Specialty Feed-Through Blocks

1492-J2Q

1492-J3TW

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 2 connection points on each side			Feed-Through Terminal Block with 3 points, 2 on one side			
Certifications		CSA	IEC		CSA	IEC	ATEX
Voltage Rating	300V AC/DC		800V AC/DC	300V AC/DC		800V AC/DC	550V AC/DC
Maximum Current	25 A	10 A	17.5 A	—		—	
Maximum Current (Single Side)	—			20 A		24 A	21 A
Maximum Current (Twin Side)	—			10 A	15 A	17.5 A	15 A
Wire Range (Rated Cross Section) (Single Side For J3TW)	#22...12 AWG	#26...12 AWG	1.5 mm ²	#22...12 AWG	26...12 AWG	2.5 mm ²	2.5 mm ² (#20...14 AWG)
Wire Range (Twin Side For J3TW)	—			#22...14 AWG	26...14 AWG	1.5 mm ²	1.5 mm ² (#20...16 AWG)
Wire Strip Length/Tightening Torque	0.28 in. (7 mm)			Single Side: 0.39 in. (10 mm)/7.0 lb-in. (0.8 N•m) Twin Side: 0.26 in. (7 mm)/4.5 lb-in. (0.5 N•m)			
Recommended Tightening Torque	4.5 lb•in. (0.5 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 12-43						

Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color:				
Grey	1492-J2Q	100	1492-J3TW	100
Red	1492-J2Q-RE	100	1492-J3TW-RE	100
Blue	1492-J2Q-B	100	1492-J3TW-B	100
Black	1492-J2Q-BL	100	1492-J3TW-BL	100
Green	1492-J2Q-G	100	1492-J3TW-G	100
Yellow	1492-J2Q-Y	100	1492-J3TW-Y	100
Orange	1492-J2Q-OR	100	1492-J3TW-OR	100
Brown	1492-J2Q-BR	100	1492-J3TW-BR	100
White	1492-J2Q-W	100	1492-J3TW-W	100
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 Barriers				
Grey	1492-EBJ3	50	1492-EBJ3	50
Blue	1492-EBJ3-B	50	1492-EBJ3-B	50
Yellow	1492-EBJ3-Y	50	1492-EBJ3-Y	50
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
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
Plug-in Center Jumper — 50-Pole	—	—	1492-CJLJ5-50	10
Plug-in Center Jumper — 5-, 6-, 7-, 8-, 9-, 10-Pole	—	—	1492-CJLJ5-5, -6, -7, -8, -9, -10	20
Plug-in Center Jumper — 2-, 3-, 4-Pole	—	—	1492-CJLJ5-2, -3, -4	60
Insulated Side Jumper — 24-Pole	1492-SJ5B-24	50	1492-SJ5B-24	50
Insulated Side Jumper — 10-Pole	1492-SJ5B-10	50	1492-SJ5B-10	50
Screw Type Jumper Notching Tool	1492-T1	1	1492-T1	1
Other Accessories:				
Partition Plate	1492-EBJ16	20	1492-EBJ16	20
Test Plug Socket	1492-TPS23L	50	1492-TPS23L	50
Test Plug	1492-TP23	20	1492-TP23	20
Test Plug (Stackable)	1492-TPJ5	25	1492-TPJ5	25
Group Marking Carrier†	1492-GM35	25	1492-GM35	25
Marking Systems:				
Snap-in marker card	1492-M5X12 (144/card)	5	1492-M5X12 (144/card)	5
	1492-M6X12 (200/card)	5	1492-M6X12 (200/card)	5

* Use of center jumpers may affect spacings, requiring derating of terminal blocks.

† The Bulletin 1492-GM35 marker card carrier installs directly on the top of a 1492-EAH35 end anchor or a 1492-ERL35 end retainer for group marking purposes.

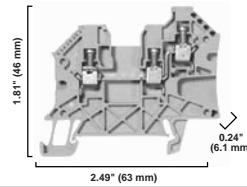
Screw Connection Terminal Blocks

Specialty Feed-Through Blocks, Continued

1492-J4TW

Dimensions are not intended to be used for manufacturing purposes.

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



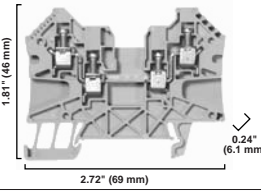
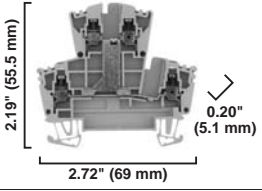
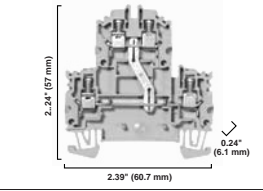
Specifications	Single-circuit feed-through terminal block with 4 connection points		
Certifications	RU	CSA	IEC
Voltage Rating	600V AC/DC		500V AC/DC
Maximum Current	30 A		32 A
Wire Range (Rated Cross Section) (Single Side For J3TW)	#30...10 AWG		0.5...4 mm ²
Wire Strip Length	0.39 in. (10 mm)		
Recommended Tightening Torque	6.2 lb•in. (0.7 N•m)		
Density	49 pcs/ft (163 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)		
Short-Circuit Current Rating	See page 12-43		
Terminal Blocks	Cat. No.	Pkg Qty.	
Color: Grey	1492-J4TW	50	
Accessories	Cat. No.	Pkg Qty.	
Mounting Rails:			
1 m Symmetrical DIN (Steel)	199-DR1	10	
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	
End Barriers			
Grey	1492-EBJ4TW	50	
Yellow	1492-EBJ4TW-Y	50	
End Anchors and Retainers:			
Screwless End Retainer	1492-ERL35	20	
DIN Rail — Normal Duty	1492-EAJ35	100	
DIN Rail — Heavy Duty	1492-EAHJ35	50	
Jumpers:*			
Plug-in Center Jumper — 41-Pole	1492-CJLJ6-41	10	
Plug-in Center Jumper — 5-, 6-, 7-, 8-, 9-, 10-Pole	1492-CJLJ6-10	20	
Plug-in Center Jumper — 2-, 3-, 4-Pole	1492-CJLJ6-2, -3, -4	60	
Other Accessories:			
Test Plug Socket	1492-TPS23L	50	
Test Plug	1492-TP23	20	
Group Marking Carrier‡	1492-GM35	25	
Cat. No. 1492-GMC Top Marker Tag	1492-M5X30 (20/card)	5	
Marking Systems:			
Snap-in marker card	1492-MR6X12 (120/card)	5	
	1492-M6X12 (120/card)	5	

* Use of center jumpers may affect spacings, requiring derating of terminal blocks, see page 12-78.

‡ The Bulletin 1492-GM35 marker card carrier installs directly on the top of a 1492-EAH35 end anchor or a 1492-ERL35 end retainer for group marking purposes.

Screw Connection Terminal Blocks

Specialty Feed-Through Blocks, Continued

	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 twin connection points on both sides		Single-circuit feed-through terminal block with 4 connection points			
Certifications	CSA IEC	CSA IEC ATEX	CSA IEC ATEX			
Voltage Rating	600V AC/DC	500V AC/DC	600V AC/DC			
Maximum Current	30 A	32 A	20 A			
Maximum Current (Single Side)	—	—	—			
Maximum Current (Twin Side)	—	—	—			
Wire Range (Rated Cross Section) (Single Side For J3TW)	#30...10 AWG	0.5...4 mm ²	#22...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 12-43					
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)	—	—	—	—	—	—
Group Marking						
Rail Mount Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
End Anchor Top Marker Carrier†	1492-GMC	50	—	—	—	—
Cat. No. 1492-GMC Top Marker Tag	1492-M5X30 (20/card)	5	—	—	—	—
Marking Systems:						
Snap-in marker card	1492-MR6X12 (120/card)	5	1492-M5X8 (144/card)	5	1492-MR6X8 (120/card)	5
	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 12-78.

Screw Connection Terminal Blocks

Specialty Feed-Through Blocks, Continued

	1492-W4TW			1492-WR3			1492-J4M		
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.									
	2.05" (52.1 mm)			1.78" (45.3 mm)			2.36" (60 mm)		
Specifications	Single-circuit three-conductor terminal block.			Single-circuit terminal block with terminals on common side.			Motor connection terminal block cluster with 3 feeds and ground		
Certifications		CSA	IEC		CSA	IEC	Certifications on individual blocks (1492-J4, JG4)		
Voltage Rating	600V AC/DC	600V AC/DC	800V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC			
Maximum Current	30 A	20 A	32 A	15 A	15 A	15 A			
Wire Range (Rated Cross Section)	#18...10 AWG	#22...12 AWG	0.5...4 mm ²	#22...14 AWG	#22...14 AWG	0.5...2.5 mm ²	#22...10 AWG 4 mm ²		
Wire Strip Length	0.35 in. (9 mm)			0.39 in. (10 mm)			0.39 in. (10 mm)		
Recommended Tightening Torque	5.0...5.6 lb•in. (0.6 N•m)			5.0...5.6 lb•in. (0.6 N•m)			9.0 lb•in. (1.0 N•m)		
Density	50 pcs/ft (166 pcs/m)			61 pcs/ft (200 pcs/m)			12 pcs/ft (40 pcs/m)		
Housing Temperature Range	-40...+195 °F (-40...+90 °C)			-40...+195 °F (-40...+90 °C)			-58...+248 °F (-50...+120 °C)		
Short-Circuit Current Rating	See page 12-43								
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.			
Color:	Grey	1492-W4TW	50	1492-WR3	50	—	—		
	Grey/Green/Yellow	—	—	—	—	1492-J4M	20		
	Red	1492-W4TW-RE	50	—	—	—	—		
	Blue	1492-W4TW-B	50	—	—	—	—		
	Black	1492-W4TW-BL	50	—	—	—	—		
	Green	1492-W4TW-G	50	—	—	—	—		
	Yellow	1492-W4TW-Y	50	—	—	—	—		
	Orange	1492-W4TW-OR	50	—	—	—	—		
	Brown	1492-W4TW-BR	50	—	—	—	—		
	White	1492-W4TW-W	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-EB3TW	50	1492-EBR3	50	Not Required	—		
End Anchors and Retainers:									
Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20			
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100			
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50			
Jumpers:									
Side Jumper — 10-pole insulated	1492-SJ6-10*	10	1492-SJ5-10	10	—	—	—		
Screw Center Jumper — 50-pole	1492-CJ6-50	5	1492-CJD5-50	5	—	—	—		
Screw Center Jumper — 10-pole	1492-CJ6-10	10	1492-CJD5-10	10	1492-CJJ6-10	20			
Screw Center Jumper — 5-pole	1492-CJ6-5	10	1492-CJD5-5	10	—	—	—		
Screw Center Jumper — 4-pole	1492-CJ6-4	10	1492-CJD5-4	10	1492-CJJ6-4	50			
Screw Center Jumper — 3-pole	1492-CJ6-3	10	1492-CJD5-3	10	1492-CJJ6-3	50			
Screw Center Jumper — 2-pole	1492-CJ6-2	10	1492-CJD5-2	10	1492-CJJ6-2	50			
Center Jumper Cover — White†	1492-CJCW6	20	1492-CJCW5	20	—	—	—		
Center Jumper Link	1492-CJL6	10	1492-CJL5	10	—	—	—		
Screw Type Jumper Notching Tool	—	—	—	—	1492-T1	1			
Other Accessories:									
Partition Plate	1492-PP10	50	1492-EBR3	50	1492-EBJ16	20			
End Cover*	1492-EC3TW	10	—	—	—	—	—		
Test Plug Socket	—	—	—	—	1492-TPS23L	50			
Test Plug	1492-TP28	10	—	—	1492-TP23	20			
Test Adapter	1492-TA40	10	1492-TA285	10	1492-TPJ6	25			
Electrical Warning Plate	—	—	—	—	1492-EWPJ5	50			
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25			
Marking Systems:									
Snap-in marker cards	1492-MS6X9 (80/card)	5	1492-MS5X9 (80/card)	5	1492-M6X12 (120/card)	5			

* Use side jumpers on the single conductor side only.
 * Provides IP2X Finger Safety when a W4 is mounted on open side of 1492-W4TW.
 † May only be used as a marking surface. Cannot be installed over a center jumper.

Screw Connection Terminal Blocks

Stab-Connect Feed-Through Blocks

	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	<i>Feed-Through Terminal Block with stab connections on one side</i>			<i>Two circuit Feed-Through Terminal Block with stab connections on one side</i>		
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 12-43					
Terminal Blocks	Cat. No.	Pkg Qty.	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.	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		
Group Marking Carrier	1492-GM35	25	1492-GM35	25		
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		

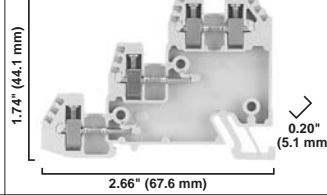
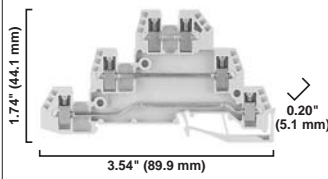
Screw Connection Terminal Blocks

Sensor Blocks

1492-WTF3...

1492-WTS3...

Dimensions are not intended to be used for manufacturing purposes.
Note: Height dimension is measured from top of rail to top of terminal block.

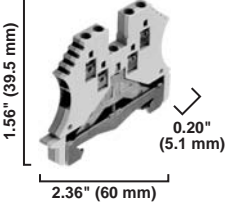
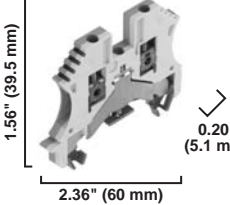
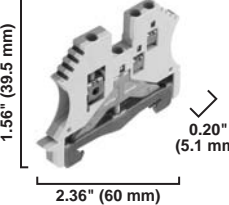


Specifications	Three-circuit terminal block.			Three-level sensor block.		
Certifications		CSA	IEC		CSA	IEC
Voltage Rating	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Maximum Current	10 A		24 A	10 A		24 A
Wire Range (Rated Cross Section)	#26...14 AWG		0.5... 2.5 mm ²	#26...14 AWG		0.5... 2.5 mm ²
Recommended Tightening Torque	4.2...4.6 lb•in. (0.5 N•m)			4.2...4.6 lb•in. (0.5 N•m)		
Density	60 pcs/ft (197 pcs/m)			60 pcs/ft (197 pcs/m)		
Housing Temperature Range	-40...+195 °F (-40...+90 °C)			-40...+195 °F (-40...+90 °C)		
Indicator Type WTF3/WTS3	No Indicator			No Indicator		
WTF3LP/WTS3LP	Red LED for PNP devices (10...50V)			Red LED for PNP devices (10...50V)		
WTF3LN/WTS3LN	Red LED for NPN devices (10...50V)			Red LED for NPN devices (10...50V)		
Leakage Current WTF3/WTS3	—			—		
WTF3LP/WTS3LP	2.69 mA @ 50V			2.69 mA @ 50V		
WTF3LN/WTS3LN	2.69 mA @ 50V			2.69 mA @ 50V		
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)		
Short-Circuit Current Rating	See page 12-43					

Terminal Blocks		Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color:	Grey	1492-WTF3	50	1492-WTS3	50
	Blue	—	—	1492-WTS3-B	50
	Grey for PNP devices	1492-WTF3LP	50	1492-WTS3LP	50
	Grey for NPN devices	1492-WTF3LN	50	1492-WTS3LN	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-EBTF3	50	1492-EBTS3	50
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
Jumpers:					
Center Jumper — 50-pole		1492-CJT5-50	5	1492-CJT5-50	5
Center Jumper — 10-pole		1492-CJT5-10	10	1492-CJT5-10	10
Center Jumper — 3-pole		1492-CJT5-3	10	1492-CJT5-3	10
Center Jumper — 2-pole		1492-CJT5-2	10	1492-CJT5-2	10
Center Jumper Link		1492-CJL5	10	1492-CJL5	10
Center Jumper Cover — Red		1492-CJCR5	10	1492-CJCR5	10
Center Jumper Cover — Blue		1492-CJCB5	10	1492-CJCB5	10
Side — 20-pole Insulated Red		1492-SJT5-20-R	10	1492-SJT5-20-R	10
Side — 20-pole Insulated Blue		1492-SJT5-20-B	10	1492-SJT5-20-B	10
Other Accessories:					
Partition Plate		1492-PPTS3	50	1492-PPTS3	50
Test Plug Adapter		1492-TA285	10	1492-TA285	10
Electrical Warning Plate	4-Pole	1492-EWP5-4	10	1492-EWP5-4	10
	1-Pole	1492-EWP5	10	1492-EWP5	10
Group Marking Carrier		1492-GM35	25	1492-GM35	25
Marking Systems:					
Snap-in Marker Card		1492-MS5X9 (80/card)	5	1492-MS5X9 (80/card)	5

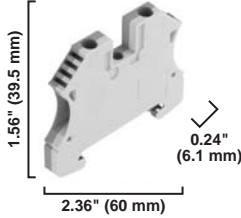
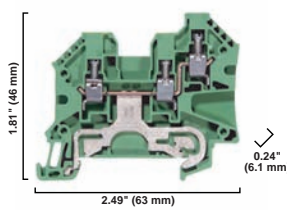
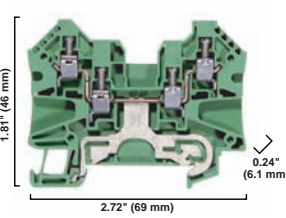
Screw Connection Terminal Blocks

Grounding Blocks

	1492-JG2Q	1492-JG3	1492-JG3TW			
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	<i>Feed-Through Ground Block with 2 connection points on each side</i>		<i>Feed-Through Ground Block with 2 connection points on one side</i>			
Certifications	CSA IEC	CSA IEC ATEX	CSA IEC ATEX			
Voltage Rating	—	—	—			
Maximum Current	Grounding		Grounding			
Wire Range (Rated Cross Section)	#22...14 AWG 1.5 mm ²	#22...12 AWG 2.5 mm ²	2.5 mm ² (#20...14 AWG)			
Wire Range (Single Side for JG3TW)	—	—	#22...12 AWG 2.5 mm ² 2.5 mm ² (#20...14 AWG)			
Wire Range (Twin Side for JG3TW)	—	—	#26...12 AWG 1.5 mm ² 1.5 mm ² (#20...16 AWG)			
Wire Strip Length/Tightening Torque	0.28 in. (7 mm)	0.39 in. (10 mm)	Single Side: 0.39 in. (10 mm)/ 7.1 lb-in. (0.8 N•m) Twin Side: 0.28 in. (7 mm)/ 4.5 lb-in. (0.5 N•m)			
Recommended Tightening Torque	5.0 lb•in. (0.6 N•m)	7.1 lb•in. (0.8 N•m)	—			
Mounting Torque — Center Screw	3.5...5.3 lb•in. (0.4...0.6 N•m)	3.5...6.2 lb•in. (0.4...0.6 N•m)	3.5...5.3 lb•in. (0.4...0.6 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 page 12-43					
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: Green/Yellow	1492-JG2Q	100	1492-JG3	100	1492-JG3TW	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 Yellow	1492-EBJ3-Y	50	1492-EBJ3-Y	50	1492-EBJ3-Y	50
End Anchors and End Retainers:						
Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Other Accessories:						
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems:						
Snap-in marker cards	1492-M5X12 (144/card)	5	1492-M5X12 (144/card)	5	1492-M5X12 (144/card)	5
Snap-in marker cards	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5

Screw Connection Terminal Blocks

Grounding Blocks, Continued

	1492-JG4				1492-JG4TW			1492-JG4Q		
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	<i>Feed-Through Ground Block</i>				<i>Single-level ground block with twin connection points on one side</i>			<i>Single-level ground block with twin connection points on both sides</i>		
Certifications	UL	CSA	IEC	ATEX	UL	CSA	IEC	UL	CSA	IEC
Voltage Rating	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding			Grounding		
Wire Range (Rated Cross Section)	#22...10 AWG		4 mm ²	4 mm ² (#20...12 AWG)	#30...10 AWG		0.5...4 mm ²	#30...10 AWG		0.5...4 mm ²
Wire Strip Length	0.39 in. (10 mm)				0.394 in. (10 mm)			0.394 in. (10 mm)		
Recommended Tightening Torque	9 lb•in. (1.0 N•m)				6.2 lb•in. (0.7 N•m)			6.2 lb•in. (0.7 N•m)		
Mounting Torque - Center Screw	4.4...7.1 lb•in. (0.5...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 12-43									
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: Green/Yellow	1492-JG4	100	1492-JG4TW	50	1492-JG4Q	50				
Accessories	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	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 Yellow	Not Required	—	1492-EBJ4TW-Y	50	1492-EBJ4Q-Y	50				
End Anchors:										
Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20				
DIN Rail - Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100				
DIN Rail - Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50				
Group Marking Rail Mount Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25				
End Anchor Top Marker Carrier*	—	—	1492-GMC	50	1492-GMC	50				
Cat. No. 1492-GMC Top Marker Tag	—	—	1492-M5X30 (20/card)	5	1492-M5X30 (20/card)	5				
Marking Systems:										
Snap-in marker cards	1492-M6X12 (120/card)	5	1492-MR6X12 (120/card)	5	1492-MR6X12 (120/card)	5				
Snap-in marker cards	1492-M6X5 (200/card)	5	1492-M6X12 (120/card)	5	1492-M6X12 (120/card)	5				

* The Bulletin 1492-GMC marker carrier installs directly on the top of a 1492-EAJ35 end anchor or a 1492-ERL35 end retainer for group marking purposes.

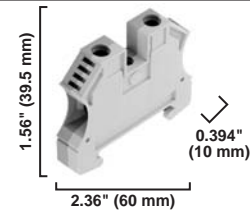
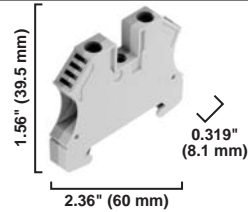
Screw Connection Terminal Blocks

Grounding Blocks, Continued

1492-JG6

1492-JG10

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 Ground Block				Feed-Through Ground Block			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding			
Wire Range (Rated Cross Section)	#22...8 AWG	6 mm ²	6 mm ² (#20... 10 AWG)		#16...6 AWG	10 mm ²	10 mm ² (#16... 8 AWG)	
Wire Strip Length	0.47 in. (12 mm)				0.47 in. (12 mm)			
Recommended Tightening Torque	14.2 lb•in. (1.6 N•m)				20.4 lb•in. (2.3 N•m)			
Mounting Torque — Center Screw	4.4...8.9 lb•in. (0.5...1.0 N•m)				4.4...8.9 lb•in. (0.5...1.0 N•m)			
Density	37 pcs/ft (123 pcs/m)				30 pcs/ft (100 pcs/m)			
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)			
Short-Circuit Current Rating	See page 12-43							
Terminal Blocks	Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.			
Color: Green/Yellow	1492-JG6	50		1492-JG10	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 Anchors and End 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			
Other Accessories:								
Group Marking Carrier	1492-GM35	25		1492-GM35	25			
Marking Systems:								
Snap-in marker cards	1492-MR8X12 (84/card)	5		1492-M7X12 (108/card)	5			
Snap-in marker cards	1492-M8X5 (160/card)	5		1492-M8X5 (160/card)	5			

Screw Connection Terminal Blocks

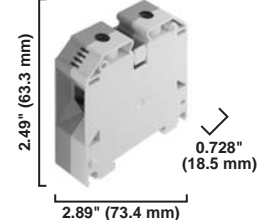
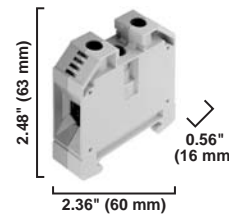
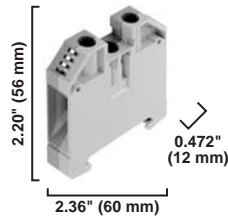
Grounding Blocks, Continued

1492-JG16

1492-JG35

1492-JG50

Dimensions are not intended to be used for manufacturing purposes.
 Note: Height dimension is measured from top of rail to top of terminal block.

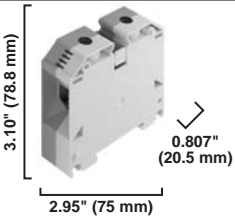
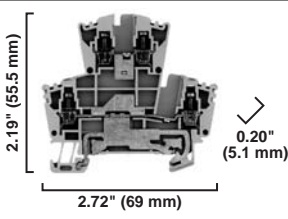
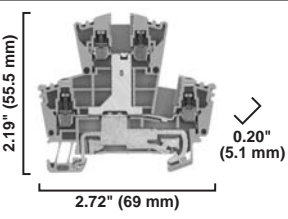





Specifications	Feed-Through Ground Block				Feed-Through Ground Block				Feed-Through Ground Block			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	#24...4 AWG	16 mm ²	16 mm ² (#16...6 AWG)		#12...1 AWG	#12...2 AWG	35 mm ²	35 mm ² (#14...2 AWG)	#10...1/0 AWG	#14...1/0 AWG	50 mm ²	50 mm ² (10...1/0 AWG)
Wire Strip Length	0.63 in. (16 mm)				0.70 in. (18 mm)				0.94 in. (24 mm)			
Recommended Tightening Torque	35.0 lb•in. (4.0 N•m)				51.0 lb•in. (5.8 N•m)				31.5 lb•in. (3.6 N•m)			
Mounting Torque — Center Screw	10.6...21.2 lb•in. (1.2...2.4 N•m)				10.6...21.2 lb•in. (1.2...2.4 N•m)				17.7...35.4 lb•in. (2.0...4.0 N•m)			
Density	25 pcs/ft (83 pcs/m)				19 pcs/ft (62 pcs/m)				16 pcs/ft (54 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 12-43											

Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: Green/Yellow	1492-JG16	50	1492-JG35	25	1492-JG50	10
Accessories	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Mounting Rails:						
1 m Symmetrical DIN (Steel)	199-DR1	10	—	—	—	—
1 m Symmetrical Heavy Duty DIN (Steel, Unslotted)	199-DR4	5	199-DR4	5	199-DR4	5
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	—	—	—	—
1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)	1492-DR8	5	1492-DR8	5	1492-DR8	5
1 m Symmetrical Heavy Duty DIN (Steel)	1492-DR9	5	1492-DR9	5	1492-DR9	5
End Barrier	Not Required	—	Not Required	—	Not Required	—
End Anchors: DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Other Accessories: Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems: Snap-in marker cards	1492-M7X12 (108/card)	5	1492-M7X12 (108/card)	5	1492-M7X12 (108/card)	5
Snap-in marker cards	1492-M8X5 (160/card)	5	1492-M8X5 (160/card)	5	1492-M8X5 (160/card)	5

Screw Connection Terminal Blocks

Grounding Blocks, Continued

	1492-JG70				1492-JDG3				1492-JDG3C			
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	<i>Feed-Through Ground Block</i>				<i>Two Circuit Terminal Block with one feed-through and one ground</i>				<i>Two Circuit commoned Ground Block</i>			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	—	—	—	—	300V AC/DC	400V AC/DC	275V AC/DC	—	—	—	—	
Maximum Current	Grounding				20 A	24 A	21 A	Grounding				
Wire Range (Rated Cross Section)	#6...2/0 AWG	70 mm ²	70 mm ² (#8...2/0 AWG)	—	#22...12 AWG	2.5 mm ²	2.5 mm ² (#20...14 AWG)	#22...12 AWG	#26...12 AWG	2.5 mm ²	2.5 mm ² (#20...14 AWG)	
Wire Strip Length	0.87 in. (22 mm)				0.39 in. (10 mm)				0.39 in. (10 mm)			
Recommended Tightening Torque	87.0 lb•in. (9.8 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)			
Mounting Torque — Center Screw	17.7...35.4 lb•in. (2.0...4.0 N•m)				—				—			
Density	14 pcs/ft (48 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 page 12-43											
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.				
Color: Green/Yellow	1492-JG70	10	—	—	1492-JDG3C	100	—	—				
Grey	—	—	1492-JDG3	100	—	—	—	—				
Accessories	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.				
Mounting Rails:	—	—	199-DR1	10	199-DR1	10	—	—				
1 m Symmetrical DIN (Steel)	—	—	1492-DR5	10	1492-DR5	10	—	—				
1 m Symmetrical DIN (Aluminum)	—	—	1492-DR6	2	1492-DR6	2	—	—				
1 m Hi-Rise Sym. DIN (Aluminum)	—	—	1492-DR7	2	1492-DR7	2	—	—				
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR8	5	—	—	—	—	—	—				
Screw Type 1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)	—	—	—	—	—	—	—	—				
End Barrier Grey	Not Required	—	1492-EBJD3	20	1492-EBJD3	20	—	—				
Yellow	Not Required	—	1492-EBJD3-Y	20	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	1492-ERL35	20	—	—				
Screwless End Retainer	—	—	1492-EAJ35	100	1492-EAJ35	100	—	—				
DIN Rail — Normal Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	—	—				
DIN Rail — Heavy Duty	—	—	—	—	—	—	—	—				
Other Accessories:	1492-GM35	25	1492-GM35	25	1492-GM35	25	—	—				
Group Marking Carrier	—	—	—	—	—	—	—	—				
Marking Systems:	1492-M7X12 (108/card)	5	1492-M5X8 (144/card)	5	1492-M5X8 (144/card)	5	—	—				
Snap-in marker cards	1492-M8X5 (160/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	—	—				
Snap-in marker cards	—	—	—	—	—	—	—	—				

Screw Connection Terminal Blocks

Space-Saver Grounding Blocks

	1492-WG4				1492-WG6				1492-WG10S		
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-circuit grounding terminal block.				Single-circuit grounding terminal block.				Single-circuit grounding terminal block.		
Specifications											
Certifications		IEC	CSA	ATEX		IEC	CSA	ATEX		CSA	IEC
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding		
Wire Range (Rated Cross Section)	#22... 12 AWG	4 mm ²	#22... 12 AWG	4 mm ²	#22... 10 AWG	6 mm ²	#22... 10 AWG	6 mm ²	#22... 8 AWG	#22... 8 AWG	10 mm ²
Wire Strip Length	0.43 in. (11 mm)				0.47 in. (12 mm)				0.43 in (11 mm)		
Recommended Tightening Torque	5.6...6.8 lb•in. (0.7 N•m)				5.6...6.8 lb•in. (0.7 N•m)				7.1 lb•in (0.8 N•m)		
Density	50 pcs/ft (166 pcs/m)				43 pcs/ft (142 pcs/m)				38 pcs/ft (125 pcs/m)		
Housing Temperature Range	-40...+195 °F (-40...+90 °C)				-40...+195 °F (-40...+90 °C)				-40...+195 °F (-40...+90 °C)		
Terminal Blocks		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.		Cat. No.	Pkg Qty.
Color: Green/Yellow		1492-WG4		50		1492-WG6		50		1492-WG10S	—
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		1492-EB3-Y		50		1492-EB10-Y		50		1492-EB10-Y	50
End Anchors:											
DIN Rail — Normal Duty		1492-EAJ35		100		1492-EAJ35		100		1492-EAJ35	100
DIN Rail — Heavy Duty		1492-EAHJ35		50		1492-EAHJ35		50		1492-EAHJ35	50
Other Accessories:											
Group Marking Carrier		1492-GM35		25		1492-GM35		25		1492-GM35	25
Marking Systems:											
Snap-in Marker Card		1492-MS6X12 (80/card)		5		1492-MS6X12 (80/card)		5		1492-MS6X12 (80/card)	5

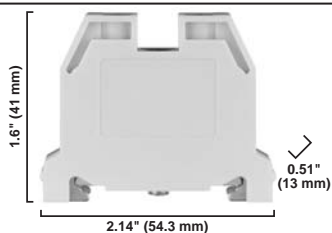
Screw Connection Terminal Blocks


Space-Saver Grounding Blocks, Continued

1492-WG16S

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	<i>Single-circuit grounding terminal block.</i>		
Certifications		CSA	IEC
Voltage Rating	—		
Maximum Current	Grounding		
Wire Range (Rated Cross Section)	#14...4 AWG	2.5...16 mm ²	
Wire Strip Length	0.51 in. (13 mm)		
Recommended Tightening Torque	18...20 lb•in. (2.1 N•m)		
Center Screw Mounting Torque	10.6 lb•in. (1.2 N•m)		
Density	27 pcs/ft (90 pcs/m)		
Housing Temperature Range	-40...+195 °F (-40...+90 °C)		

Terminal Blocks	Cat. No.	Pkg Qty.
Color: Green/Yellow	1492-WG16S	25
Accessories	Cat. No.	Pkg Qty.
Mounting Rails:		
1 m Symmetrical DIN (Steel)	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2
1 m Symmetrical DIN (Copper)	1492-DR8	5
1 m Symmetrical DIN (Steel)	1492-DR9	5
End Barrier	Not Required	—
End Anchors:		
DIN Rail — Normal Duty	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50
Other Accessories:		
Group Marking Carrier	1492-GM35	25
Marking Systems:		
Snap-in Marker Card	1492-MS6X12 (80/card)	5

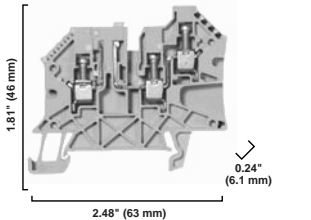
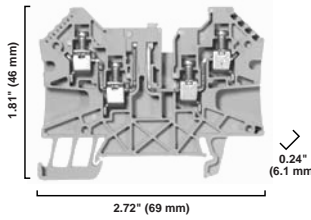
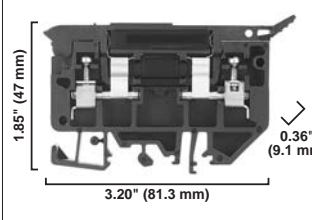
Screw Connection Terminal Blocks

Isolation Blocks

	1492-JKD3			1492-JKD3TP			1492-JKD4		
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	<i>Knife Disconnect Feed-Through Terminal Block</i>			<i>Knife Disconnect Feed-Through Terminal Block with test plug socket</i>			<i>Single level feed-through terminal block with knife disconnect</i>		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC	600V AC/DC	300V AC/DC	400V AC/DC
Maximum Current	10 A		24 A	10 A		24 A	22 A	10 A	32 A
Wire Range (Rated Cross Section)	#22...12 AWG		2.5 mm ²	#22...12 AWG		2.5 mm ²	#22...10 AWG		0.05...4.0 mm ²
Fuse Size (Dummy Fuse Supplied)	—			—			1/4 in. x 1-1/4 in.		
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)			0.512 in. (13 mm)		
Recommended Tightening Torque	7.1 lb•in. (0.8 N•m)			7.1 lb•in. (0.8 N•m)			9.0 lb•in. (1.0 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 12-43								
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	
Color: Grey	1492-JKD3	50	1492-JKD3TP	50	1492-JKD4	50	1492-JKD4	50	
with Test Points Grey	—	—	—	—	1492-JKD4TP	50	—	—	
Accessories	Cat. No.	Pkg Qty.	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	199-DR1	10	
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	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	1492-DR6	2	
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	1492-DR7	2	1492-DR7	2	
End Barriers Grey	1492-EBJ3	50	1492-EBJ3	50	1492-EBJ3	50	1492-EBJ3	50	
Yellow	—	—	—	—	1492-EBJ3-Y	50	—	—	
End Anchors:									
Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20	
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100	
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	
Jumpers:									
Plug-in Center Jumper — 50-Pole	1492-CJLJ5-50	10	1492-CJLJ5-50	10	—	—	—	—	
Plug-in Center Jumper — 41-Pole	—	—	—	—	1492-CJLJ6-41	10	—	—	
Plug-in Center Jumper — 10-Pole	1492-CJLJ5-10	20	1492-CJLJ5-10	20	1492-CJLJ6-10	20	—	—	
Plug-in Center Jumper — 9-Pole	1492-CJLJ5-9	20	1492-CJLJ5-9	20	—	—	—	—	
Plug-in Center Jumper — 8-Pole	1492-CJLJ5-8	20	1492-CJLJ5-8	20	—	—	—	—	
Plug-in Center Jumper — 7-Pole	1492-CJLJ5-7	20	1492-CJLJ5-7	20	—	—	—	—	
Plug-in Center Jumper — 6-Pole	1492-CJLJ5-6	20	1492-CJLJ5-6	20	—	—	—	—	
Plug-in Center Jumper — 5-Pole	1492-CJLJ5-5	20	1492-CJLJ5-5	20	—	—	—	—	
Plug-in Center Jumper — 4-Pole	1492-CJLJ5-4	60	1492-CJLJ5-4	60	1492-CJLJ6-4	60	—	—	
Plug-in Center Jumper — 3-Pole	1492-CJLJ5-3	60	1492-CJLJ5-3	60	1492-CJLJ6-3	60	—	—	
Plug-in Center Jumper — 2-Pole	1492-CJLJ5-2	60	1492-CJLJ5-2	60	1492-CJLJ6-2	60	—	—	
Insulated Side Jumper — 24-Pole	1492-SJ5B-24	50	1492-SJ5B-24	50	—	—	—	—	
Insulated Side Jumper — 10-Pole	1492-SJ5B-10	50	1492-SJ5B-10	50	—	—	—	—	
Uninsulated Side Jumper — 10-Pole	—	—	—	—	1492-N49	10	—	—	
Side Jumper — Insulating Sleeve	—	—	—	—	1492-SJS	10	—	—	
Screw Type Jumper Notching Tool	1492-T1	1	1492-T1	1	—	—	—	—	
Other Accessories:									
Partition Plate	1492-EBJ16	20	1492-EBJ16	20	—	—	—	—	
Test Plug	—	—	1492-TP23	20	—	—	—	—	
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25	—	—	
Marking Systems:									
Snap-in marker cards	1492-M5X12 (144/card)	5	1492-M5X12 (144/card)	5	1492-MS8X12 (56/card)	5	—	—	
Snap-in marker cards	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-MS8X9 (56/card)	5	—	—	
Adhesive Labels	—	—	—	—	1492-ALHFB (50/sheet)	1	—	—	

Screw Connection Terminal Blocks

Isolation Blocks, Continued

	1492-JKD4TW	1492-JKD4Q	1492-H7				
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 knife disconnect. Twin connection points on one side		Handle-Style Isolating Terminal Block.				
Certifications	UL CSA IEC	UL CSA IEC	UL CSA IEC				
Voltage Rating	600V AC/DC	500V AC/DC	600V AC/DC				
Maximum Current	25 A	30 A	500V AC/DC				
Wire Range (Rated Cross Section)	#30...10 AWG	0.5...4 mm ²	15 A				
Fuse Size (Dummy Fuse Supplied)	—	—	15 A				
Wire Strip Length	0.39 in. (10 mm)	0.39 in. (10 mm)	300V AC/DC				
Recommended Tightening Torque	6.2 lb•in. (0.7 N•m)	6.2 lb•in. (0.7 N•m)	300V AC/DC				
Density	49 pcs/ft (163 pcs/m)	49 pcs/ft (163 pcs/m)	500V AC/DC				
Housing Temperature Range	-58...+248 °F (-50...+120 °C)	-58...+248 °F (-50...+120 °C)	15 A				
Short-Circuit Current Rating	See page 12-43						
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	
Color: Grey	1492-JKD4TW	50	1492-JKD4Q	50	—	—	
With Test Points	1492-JKD4TWTP	50	1492-JKD4QTP	50	—	—	
Black	—	—	—	—	1492-H7	25	
Accessories	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	
Mounting Rails:	—	—	—	—	1492-N1	20	
3 ft Scored A-B Rail	—	—	—	—	1492-N22	20	
3 ft Rigid A-B Rail	—	—	—	—	1492-N44	2	
3 ft Rigid Rise A-B Rail	—	—	—	—	1492-N25	2	
Standoff Brackets (use every 12 in.)	—	—	—	—	1492-DR1	10	
1 m Symmetrical DIN (Steel)	199-DR1	10	199-DR1	10	1492-DR5	10	
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	1492-DR6	2	
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	1492-DR7	2	
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	1492-N37	50	
End Barrier	Grey	1492-EBJ4TW	50	1492-EBJ4Q	50	1492-N23	10
Yellow	1492-EBJ4TW-Y	50	1492-EBJ4Q-Y	50	—	—	
End Anchors and Retainers:	—	—	—	—	1492-N47	50	
A-B Rail — Heavy Duty	—	—	—	—	1492-ERL35	20	
A-B Rail — Normal Duty	—	—	—	—	1492-EAHJ35	50	
Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-EAHJ35	50	
DIN Rail - Normal Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	
DIN Rail - Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	
Jumpers:	1492-CJLJ6-41	10	1492-CJLJ6-41	10	—	—	
Plug-in Center Jumper — 41-pole	1492-CJLJ6-10	20	1492-CJLJ6-10	20	—	—	
Plug-in Center Jumper — 10-pole	1492-CJLJ6-4	60	1492-CJLJ6-4	60	—	—	
Plug-in Center Jumper — 4-pole	1492-CJLJ6-3	60	1492-CJLJ6-3	60	—	—	
Plug-in Center Jumper — 3-pole	1492-CJLJ6-2	60	1492-CJLJ6-2	60	—	—	
Plug-in Center Jumper — 2-pole	—	—	—	—	1492-N49	10	
Uninsulated Side Jumper — 10-Pole	—	—	—	—	1492-SJS	10	
Side Jumper — Insulating Sleeve	—	—	—	—	—	—	
Other Accessories:	—	—	—	—	—	—	
Partition Plate	—	—	—	—	—	—	
Group Marking	1492-GM35	25	1492-GM35	25	1492-GM35	25	
Rail Mount Group Marking Carrier	1492-GMC	50	1492-GMC	50	—	—	
End Anchor Top Marker Carrier*	1492-M5X30 (20/card)	5	1492-M5X30 (20/card)	5	—	—	
Cat. No. 1492-GMC Top Marker Tag	1492-MR6X12 (120/card)	5	1492-MR6X12 (120/card)	5	1492-MS8X12 (56/card)	5	
Marking Systems:	1492-M6X12 (120/card)	5	1492-M6X12 (120/card)	5	1492-MS8X9 (56/card)	5	
Snap-in marker cards	—	—	—	—	1492-ALHFB (50/sheet)	1	
Snap-in marker cards	—	—	—	—	—	—	
Adhesive Labels	—	—	—	—	—	—	

* The Bulletin 1492-GMC marker carrier installs directly on the top of a 1492-EAJ35 end anchor or a 1492-ERL35 end retainer for group marking purposes.

Screw Connection Terminal Blocks

Plug-in Style Terminal Blocks

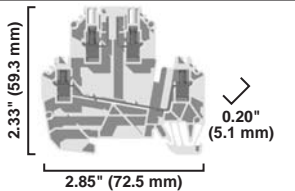
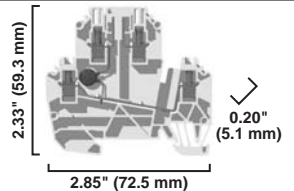
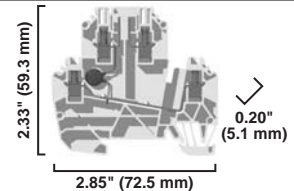
	1492-J3P			1492-J3PTP			1492-JD3P		
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.									
Specifications	Selectable component plug-in Terminal Block			Selectable component plug-in Terminal Block with test plug socket			Two Circuit selectable component plug-in Terminal Block		
Certifications									
Voltage Rating	600V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC
Maximum Current	20 A	10 A	24 A	20 A	10 A	24 A	20 A		24 A
Wire Range (Rated Cross Section)	#30...12 AWG		2.5 mm ²	#30...12 AWG		2.5 mm ²	#24...12 AWG	#30...12 AWG	2.5 mm ²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)			0.31 in. (8 mm)		
Recommended Tightening Torque	4.4 lb•in. (0.5 N•m)			4.4 lb•in. (0.5 N•m)			4.4 lb•in. (0.5 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 page 12-43								
Terminal Blocks		Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color:	Grey	1492-J3P	50	1492-J3PTP	50	1492-JD3P	50		
	Red	1492-J3P-RE	50	—	—	—	—		
Accessories		Cat. No.	Pkg Qty.	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		1492-EBJ3	50	1492-EBJ3	50	1492-EBJD3P	20		
End Anchors and Retainers:									
Screwless End Retainer		1492-ERL35	20	1492-ERL35	20	1492-ERL35	20		
DIN Rail — Normal Duty		1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100		
DIN Rail — Heavy Duty		1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50		
Jumpers* †:									
Center Jumper — 50-Pole		1492-CJLJ5-50	10	1492-CJLJ5-50	10	—	—		
Center Jumper — 10-Pole		1492-CJLJ5-10	20	1492-CJLJ5-10	20	1492-CJJ5-10	20		
Center Jumper — 9-Pole		1492-CJLJ5-9	20	1492-CJLJ5-9	20	—	—		
Center Jumper — 8-Pole		1492-CJLJ5-8	20	1492-CJLJ5-8	20	—	—		
Center Jumper — 7-Pole		1492-CJLJ5-7	20	1492-CJLJ5-7	20	—	—		
Center Jumper — 6-Pole		1492-CJLJ5-6	20	1492-CJLJ5-6	20	—	—		
Center Jumper — 5-Pole		1492-CJLJ5-5	20	1492-CJLJ5-5	20	—	—		
Center Jumper — 4-Pole		1492-CJLJ5-4	60	1492-CJLJ5-4	60	1492-CJJ5-4	50		
Center Jumper — 3-Pole		1492-CJLJ5-3	60	1492-CJLJ5-3	60	1492-CJJ5-3	50		
Center Jumper — 2-Pole		1492-CJLJ5-2	60	1492-CJLJ5-2	60	1492-CJJ5-2	50		
Screw Type Jumper Notching Tool		—	—	—	—	1492-T1	1		
Other Accessories:									
Partition Plate		1492-EBJ16	20	1492-EBJ16	20	1492-PPJD3P	20		
Test Plug		—	—	1492-TP23	20	—	—		
Disconnect Plug		1492-DPL	50	1492-DPL	50	1492-DPL	50		
Component Plug		1492-CPL	50	1492-CPL	50	1492-CPL	50		
Fuse Plug									
Without Blown Fuse Indicator		1492-FPK2	20	1492-FPK2	20	1492-FPK2	20		
10...36V Blown Fuse Indicator		1492-FPK224	20	1492-FPK224	20	1492-FPK224	20		
35...70V Blown Fuse Indicator		1492-FPK248	20	1492-FPK248	20	1492-FPK248	20		
60...150V Blown Fuse Indicator		1492-FPK2120	20	1492-FPK2120	20	1492-FPK2120	20		
140...250V Blown Fuse Indicator		1492-FPK2250	20	1492-FPK2250	20	1492-FPK2250	20		
Group Marking Carrier		1492-GM35	25	1492-GM35	25	1492-GM35	25		
Marking Systems:									
Snap-in marker cards		1492-M5X12 (144/card)	5	1492-M5X12 (144/card)	5	1492-SM5X12 (144/card)	100		
Snap-in marker cards		1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5		

* Cat. nos. 1492-J3P and J3PTP use screwless center jumpers. Cat. No. 1492-JD3P uses a screw-type center jumper.

† Use of Center Jumpers may affect spacings, requiring derating of terminal blocks. See the Terminal Block selection guide, pub. no. 1492-SG008x.

Screw Connection Terminal Blocks

Plug-in Style Terminal Blocks, Continued

	1492-JD3PTP			1492-JD3PSS			1492-JD3PSSTP		
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	<i>Two-Circuit Selectable component plug-in Terminal Block with test plug socket</i>			<i>Two-Circuit Selectable component plug-in Terminal Block with internal surge suppressor</i>			<i>Two-Circuit Selectable component plug-in Terminal Block with internal surge suppressor and test plug socket</i>		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		115V AC/DC	300V AC/DC		115V AC/DC
Maximum Current	20 A		24 A	20 A		24 A	20 A		24 A
Wire Range (Rated Cross Section)	#24... 12 AWG	#30... 12 AWG	2.5 mm ²	#24... 12 AWG	#30... 12 AWG	2.5 mm ²	#24... 12 AWG	#30... 12 AWG	2.5 mm ²
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)			0.31 in. (8 mm)		
Recommended Tightening Torque	4.4 lb•in. (0.5 N•m)			4.4 lb•in. (0.5 N•m)			4.4 lb•in. (0.5 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 page 12-43								
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.
Color: Grey	1492-JD3PTP	50	1492-JD3PSS	50	1492-JD3PSSTP	50	1492-JD3PSSTP	50	1492-JD3PSSTP
Accessories	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.
Mounting Rails:									
1 m Symmetrical DIN (Steel)	199-DR1	10	199-DR1	10	199-DR1	10	199-DR1	10	199-DR1
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	1492-DR5	10	1492-DR5	10	1492-DR5
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	1492-DR6	2	1492-DR6	2	1492-DR6
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	1492-DR7	2	1492-DR7	2	1492-DR7
End Barriers	1492-EBJD3P	20	1492-EBJD3P	20	1492-EBJD3P	20	1492-EBJD3P	20	1492-EBJD3P
End Anchors and Retainers:									
Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20	1492-ERL35
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35
Jumpers:									
Screw Center Jumper — 10-Pole	1492-CJJ5-10	20	1492-CJJ5-10	20	1492-CJJ5-10	20	1492-CJJ5-10	20	1492-CJJ5-10
Screw Center Jumper — 4-Pole	1492-CJJ5-4	50	1492-CJJ5-4	50	1492-CJJ5-4	50	1492-CJJ5-4	50	1492-CJJ5-4
Screw Center Jumper — 3-Pole	1492-CJJ5-3	50	1492-CJJ5-3	50	1492-CJJ5-3	50	1492-CJJ5-3	50	1492-CJJ5-3
Screw Center Jumper — 2-Pole	1492-CJJ5-2	50	1492-CJJ5-2	50	1492-CJJ5-2	50	1492-CJJ5-2	50	1492-CJJ5-2
Screw Type Jumper Notching Tool	1492-T1	1	1492-T1	1	1492-T1	1	1492-T1	1	1492-T1
Other Accessories:									
Partition Plate	1492-PPJD3P	20	1492-PPJD3P	20	1492-PPJD3P	20	1492-PPJD3P	20	1492-PPJD3P
Test Plug	1492-TP23	20	—	—	1492-TP23	20	1492-TP23	20	1492-TP23
Disconnect Plug	1492-DPL	50	1492-DPL	50	1492-DPL	50	1492-DPL	50	1492-DPL
Component Plug	1492-CPL	50	1492-CPL	50	1492-CPL	50	1492-CPL	50	1492-CPL
Fuse Plug									
Without Blown Fuse Indicator	1492-FPK2	20	1492-FPK2	20	1492-FPK2	20	1492-FPK2	20	1492-FPK2
10...36V Blown Fuse Indicator	1492-FPK224	20	1492-FPK224	20	1492-FPK224	20	1492-FPK224	20	1492-FPK224
35...70V Blown Fuse Indicator	1492-FPK248	20	1492-FPK248	20	1492-FPK248	20	1492-FPK248	20	1492-FPK248
60...150V Blown Fuse Indicator	1492-FPK2120	20	1492-FPK2120	20	1492-FPK2120	20	1492-FPK2120	20	1492-FPK2120
140...250V Blown Fuse Indicator	1492-FPK2250	20	1492-FPK2250	20	1492-FPK2250	20	1492-FPK2250	20	1492-FPK2250
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25	1492-GM35	25	1492-GM35
Marking Systems:									
Snap-in marker cards	1492-SM5X10 (144/card)	5	1492-SM5X10 (144/card)	5	1492-SM5X10 (144/card)	5	1492-SM5X10 (144/card)	5	1492-SM5X10 (144/card)
Snap-in marker cards	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)

Screw Connection Terminal Blocks

Double-level Plug-in Style Terminal Blocks

	1492-JDG3P			1492-JDG3PTP			1492-JDG3PSS		
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	<i>Two-Circuit Block with Ground Connection</i>			<i>Two-Circuit Block with Test Plug Socket and Ground Connection</i>			<i>Single-Circuit Block with MOV to Ground</i>		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC	300V AC/DC		115V AC
Maximum Current	20 A		24 A	20 A		24 A	20 A		24 A
Wire Range (Rated Cross Section)	#24... 12 AWG	#30... 12 AWG	2.5 mm ²	#24... 12 AWG	#30... 12 AWG	2.5 mm ²	#24... 12 AWG	#30... 12 AWG	2.5 mm ²
Wire Strip Length	0.31 in. (8 mm)			0.31 in. (8 mm)			0.31 in. (8 mm)		
Recommended Tightening Torque	4.4 lb•in. (0.5 N•m)			4.4 lb•in. (0.5 N•m)			4.4 lb•in. (0.5 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 page 12-43								
Terminal Blocks	Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Color: Grey	1492-JDG3P	50		1492-JDG3PTP	50		1492-JDG3PSS	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	1492-EBJD3P	20		1492-EBJD3P	20		1492-EBJD3P	20	
End Anchors and Retainers:									
Screwless End Retainer	1492-ERL35	20		1492-ERL35	20		1492-ERL35	20	
DIN Rail — Normal Duty	1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35	100	
DIN Rail — Heavy Duty	1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35	50	
Jumpers:									
Screw Center Jumper — 10-Pole	1492-CJJ5-10	20		1492-CJJ5-10	20		1492-CJJ5-10	20	
Screw Center Jumper — 4-Pole	1492-CJJ5-4	50		1492-CJJ5-4	50		1492-CJJ5-4	50	
Screw Center Jumper — 3-Pole	1492-CJJ5-3	50		1492-CJJ5-3	50		1492-CJJ5-3	50	
Screw Center Jumper — 2-Pole	1492-CJJ5-2	50		1492-CJJ5-2	50		1492-CJJ5-2	50	
Screw Type Jumper Notching Tool	1492-T1	1		1492-T1	1		1492-T1	1	
Other Accessories:									
Partition Plate	1492-PPJD3P	20		1492-PPJD3P	20		1492-PPJD3P	20	
Test Plug	—	—		1492-TP23	20		—	—	
Disconnect Plug	1492-DPL	50		1492-DPL	50		1492-DPL	50	
Component Plug	1492-CPL	50		1492-CPL	50		1492-CPL	50	
Fuse Plug									
Without Blown Fuse Indicator	1492-FPK2	20		1492-FPK2	20		1492-FPK2	20	
10...36V Blown Fuse Indicator	1492-FPK224	20		1492-FPK224	20		1492-FPK224	20	
35...70V Blown Fuse Indicator	1492-FPK248	20		1492-FPK248	20		1492-FPK248	20	
60...150V Blown Fuse Indicator	1492-FPK2120	20		1492-FPK2120	20		1492-FPK2120	20	
140...250V Blown Fuse Indicator	1492-FPK2250	20		1492-FPK2250	20		1492-FPK2250	20	
Group Marking Carrier	1492-GM35	25		1492-GM35	25		1492-GM35	25	
Marking Systems:									
Snap-in marker cards	1492-SM5X10 (144/card)	5		1492-SM5X10 (144/card)	5		1492-SM5X10 (144/card)	5	
Snap-in marker cards	1492-M5X5 (200/card)	5		1492-M5X5 (200/card)	5		1492-M5X5 (200/card)	5	

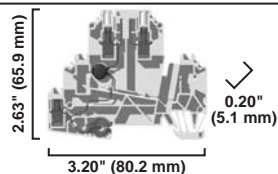
Screw Connection Terminal Blocks

Double-level Plug-in Style Terminal Blocks, Contined

1492-JDG3PSSTP

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	<i>Single-Circuit Block with MOV to Ground and Test Plug Socket</i>		
Certifications		CSA	IEC
Voltage Rating	300V AC/DC		115V AC
Maximum Current	20 A		24 A
Wire Range (Rated Cross Section)	#24... 12 AWG	#30... 12 AWG	2.5 mm ²
Wire Strip Length	0.31 in. (8 mm)		
Recommended Tightening Torque	4.4 lb•in. (0.5 N•m)		
Density	59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)		
Short-Circuit Current Rating	See page 12-43		
Terminal Blocks	Cat. No.	Pkg Qty.	
Color: Grey	1492-JDG3PSSTP	50	
Accessories	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)	1492-EBJD3P	20	
End Barriers	1492-ERL35	20	
End Anchors and Retainers:	1492-EAJ35	100	
Screwless End Retainer	1492-EAHJ35	50	
DIN Rail — Normal Duty	1492-CJJ5-10	20	
DIN Rail — Heavy Duty	1492-CJJ5-4	50	
Jumpers:	1492-CJJ5-3	50	
Screw Center Jumper — 10-Pole	1492-CJJ5-2	50	
Screw Center Jumper — 4-Pole	1492-CJJ5-1	50	
Screw Center Jumper — 3-Pole	1492-T1	1	
Screw Center Jumper — 2-Pole	1492-PPJD3P	20	
Screw Type Jumper Notching Tool	1492-TP23	20	
Other Accessories:	1492-DPL	50	
Partition Plate	1492-CPL	50	
Test Plug	1492-FPK2	20	
Disconnect Plug	1492-FPK224	20	
Component Plug	1492-FPK248	20	
Fuse Plug	1492-FPK2120	20	
Without Blown Fuse Indicator	1492-FPK2250	20	
10...36V Blown Fuse Indicator	1492-GM35	25	
35...70V Blown Fuse Indicator	1492-SM5X10 (144/card)	5	
60...150V Blown Fuse Indicator	1492-M5X5 (200/card)	5	
140...250V Blown Fuse Indicator			
Group Marking Carrier			
Marking Systems:			
Snap-in marker cards			
Snap-in marker cards			

Screw Connection Terminal Blocks

Internal Components Blocks (Diode, Resistor, Surge Suppressor)

	1492-J3DF	1492-JD3DF*	1492-JD3DR*			
<p>Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.</p>						
Specifications	Single-level diode forward terminal block with test plug sockets on both sides		Two-Level terminal block with a diode in forward bias between the 2 levels.			
Certifications						
Voltage Rating	300V AC/DC	500V AC/DC	600V AC/DC, 300V AC/DC, 400V AC/DC			
Diode Reverse Voltage Rating	10 A	1 A	14 A			
Maximum Current	20 A	10 A	6 A			
Diode Current*	—	—	1 A			
Resistor Type	—	—	—			
Resistor Value	—	—	—			
Current through Busbar	—	—	10 A			
Wire Range (Rated Cross Section)	#26...12 AWG	0.5...2.5 mm ²	#22...2 AWG, #26...12 AWG, 2.5 mm ²			
Wire Strip Length	0.394 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)			
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 12-43					
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:						
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	1492-EBJ3	50	1492-EBJD3	20	1492-EBJD3	20
End Anchors:						
Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
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-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:						
Partition Plate	1492-SPJ3	50	1492-PPJD3	20	1492-PPJD3	20
Other Accessories:						
Partition Plate	1492-TP23	20	—	—	—	—
Group Marking						
Rail Mount Group Marking Carrier	1492-GMC	50	—	—	—	—
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Cat. No. 1492-GMC Top Marker Tag	1492-M5X30 (20/card)	5	—	—	—	—
Marking Systems:						
Snap-in marker card	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

* See page 12-89 for component specifications.

Screw Connection Terminal Blocks

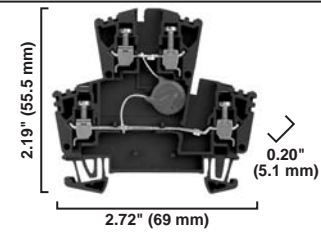
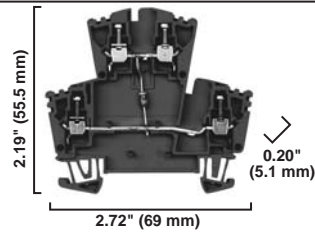
Internal Components Blocks (Diode, Resistor, Surge Suppressor), Continued

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 2 levels

Two Level terminal block with an MOV between the 2 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 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)		

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:				
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-EBJD3	20	1492-EBJD3	20
End Anchors:				
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
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-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:				
Partition Plate	1492-PPJD3	20	1492-PPJD3	20
Group Marking Carrier	1492-GM35	25	1492-GM35	25
Marking Systems:				
Snap-in marker card	1492-M5X8 (144/card)	5	1492-M5X8 (144/card)	5
Snap-in marker card	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5

* See page 12-89 for component specifications.

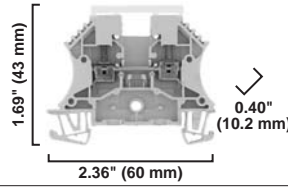
Screw Connection Terminal Blocks

Thermocouple Blocks

1492-JTC3...

Dimensions are not intended to be used for manufacturing purposes.

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

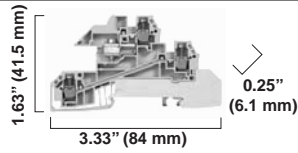
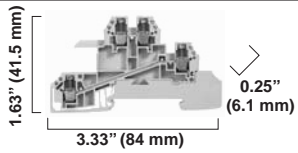
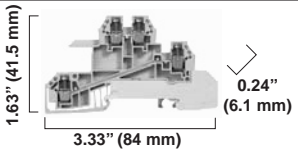








Specifications	<i>Two circuit Terminal block with current bars made of thermocouple material</i>	
Certifications	IEC	ATEX
Voltage Rating	—	55V AC/DC
Wire Range (Rated Cross Section)	#30...12 AWG 2.5 mm ²	#20...14 AWG 2.5 mm ²
Wire Strip Length	0.39 in. (10 mm)	
Recommended Tightening Torque	3.5...5.3 lb•in. (0.4...0.6 N•m)	
Density	29 pcs/ft (98 pcs/m)	
Housing Temperature Range	-458...+248 °F (-50...+120 °C)	
Short-Circuit Current Rating	See page 12-43	

Terminal Blocks	Cat. No.	Pkg Qty.
Color/Type/Material		
Gray/Type B/1 S-Copper, 1 E-Copper	1492-JTC3B	50
Gray/Type E/1 Chromel, 1 Constantan	1492-JTC3E	50
Gray/Type J/1 Iron, 1 Constantan	1492-JTC3J	50
Gray/Type K/1 Chromel, 1 Alumel	1492-JTC3K	50
Gray/Type N/1 Ni-Cr-Si, 1 Ni-Si-Mg	1492-JTC3N	50
Gray/Type S/1 E-Copper, 1 A-Copper	1492-JTC3S	50
Gray/Type T/1 E-Copper, 1 Constantan	1492-JTC3T	50
Accessories	Cat. No.	Pkg Qty.
Mounting Rails:		
1 m Symmetrical DIN (Steel)	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2
End Barrier	1492-EBJ3	50
End Anchors and Retainers:		
Screwless End Retainer	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50
Other Accessories:		
Partition Plate	1492-EBJ16	20
Group Marking Carrier	1492-GM35	25
Marking Systems:		
Snap-in marker cards	1492-M5X12 (144/card)	5
Individual Marker Tabs (Single Char.)	1492-M5X5 (200/card)	5

Screw Connection Terminal Blocks

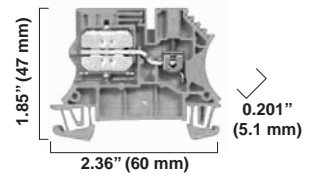
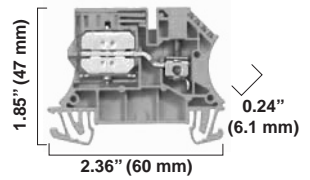
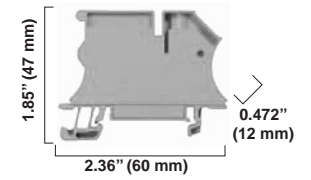






2-Level Neutral Disconnect and Installations

	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			
Certifications	 CSA 	 CSA 	 CSA 			
Voltage Rating	300V AC/DC		400V AC/DC			
Maximum Current	15 A	10 A	24 A			
Wire Range (Rated Cross Section)	#22... 12 AWG	#26... 12 AWG	2.5 mm ²			
Wire Strip Length	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)			
Density	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)			
Short-Circuit Current Rating	See page 12-43					
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
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Neutral Connection Block (4 mm) Blue*	1492-JNC4-B	50	—	—	—	—
Neutral Connection Block (16 mm) Blue*	1492-JNC16-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

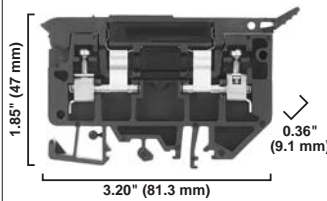







* These terminals mount on the 1492-NBB3-1M Neutral Busbar. They can accept 1492-M6X5 snap-in markers.

Screw Connection Terminal Blocks

Single-circuit Neutral Disconnect Blocks

	1492-J3ND	1492-J4ND	1492-J16ND			
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 Screw Neutral Disconnect Terminal Block 2.5 mm ²		Single Level Screw Neutral Disconnect Terminal Block 4 mm ²			
Certifications	 CSA 	 CSA 	 CSA 			
Voltage Rating	600V AC/DC		400V AC/DC			
Maximum Current	25 A	20 A	24 A			
Wire Range (Rated Cross Section)	#22... 12 AWG	#26... 12 AWG	2.5 mm ²			
Wire Strip Length	0.394 in. (10 mm)		0.394 in. (10 mm)			
Recommended Tightening Torque	7.1 lb•in. (0.5 N•m)		9.0 lb•in. (1.0 N•m)			
Density	59 pcs/ft (196 pcs/m)		49 pcs/f (/163 pcs/m)			
Housing Temperature Range	-58...+248 °F (-50...+120 °C)		-58...+248 °F (-50...+120 °C)			
Short-Circuit Current Rating	See page 12-43					
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: Blue	1492-J3ND	100	1492-J4ND	100	1492-J16ND	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						
Busbar Support Plates	Blue 1492-BSPJ3ND-B	20	1492-BSPJ3ND-B	20	1492-BSPJ3ND-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
Other Accessories:						
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
Neutral Connection Block (4 mm) Blue*	1492-JNC4-B	50	1492-JNC4-B	50	1492-JNC4-B	50
Neutral Connection Block (16 mm) Blue*	1492-JNC16-B	50	1492-JNC16-B	50	1492-JNC16-B	50
Neutral Bus Bar (1 m)	1492-NBB3-1M	5	1492-NBB3-1M	5	1492-NBB3-1M	5
Marking Systems:						
Snap-in Marker Cards	1492-MR5X12 (120/card)	5	1492-MR6X12 (120/card)	5	1492-MR8X12 (84/card)	5
	1492-M5X5 (200/card)	5	1492-M6X5 (200/card)	5	1492-M7X12 (108/card)	5

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

	1492-H...	1492-WFB4...			
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-circuit fusible terminal block with or without fuse indication.	Single-circuit fuse block with or without fuse indication.			
Certifications	  	  			
Voltage Rating	H6/WFB4: 300V AC/DC H5/WFB424: 10...57V AC/DC H4/WFB4250: 100...300V AC	300V AC/DC 10...57V AC/DC 85...264V AC			
Maximum Current	15 A	15 A			
Wire Range (Rated Cross Section)	#30...12 AWG 0.5...4 mm ²	#30...12 AWG 0.5...4 mm ²			
Wire Strip Length	0.38 in. (9.7 mm)	0.31 in. (8 mm)			
Recommended Tightening Torque	7.1 lb•in. (0.8 N•m)	2.65...5.3 lb•in. (0.3...0.6 N•m)			
Density	33 pcs/ft (109pcs/m)	38 pcs/ft (125 pcs/m)			
Housing Temperature Range	-40...+195 °F (-40...+90 °C)	-40...+195 °F (-40...+90 °C)			
Indicator Type					
H6/WFB4	Non-Indicating	Non-Indicating			
H5/WFB424	Red LED	Red LED			
H4/WFB4250	Neon	Neon			
Leakage Current					
H6/WFB4	—	—			
H5/WFB424	2 mA @ 24V	2 mA @ 24V			
H4/WFB4250	2 mA @ 300V	2 mA @ 300V			
Fuse Size (Not Supplied)	1/4 x 1-1/4 in.	5 x 20 mm			
Short-Circuit Current Rating	See page 12-43				
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	
Color:	Black No-indication	1492-H6	25	1492-WFB4	50
	Black w/LED	1492-H5	25	1492-WFB424	50
	Black w/Neon	1492-H4	25	1492-WFB4250	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	
3 ft Scored A-B Rail	1492-N1	20	—	—	
3 ft Rigid A-B Rail	1492-N22	20	—	—	
3 ft High Rise A-B Rail	1492-N44	2	—	—	
Standoff Brackets (Use Every 12 in.)	1492-N25	2	—	—	
End Barrier	1492-N37	50	Not Required	—	
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	
A-B Rail — Heavy Duty	1492-N23	10	—	—	
Uninsulated 10-Pole Side Jumper	1492-N49	10	1492-SJFB8-10	10	
Side Jumper Insulating Sleeve	1492-SJS	10	—	—	
Other Accessories:					
Partition Plate	—	—	1492-PPSL3	50	
Group Marking Carrier	1492-GM35	25	1492-GM35	25	
Marking Systems:					
Snap-In Marker Card — For Base Block	1492-MS8X12 (56/card)	5	1492-MS8X12 (56/card)	5	
	1492-MS8X9 (56/card)	5	1492-MS8X9 (56/card)	5	
For Handle	1492-MS8X12 (56/card)	5	1492-MS8X9 (56/card)	5	
Adhesive Labels	1492-ALHFB (50/sheet)	1	1492-ALHFB (50/card)	1	

* IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

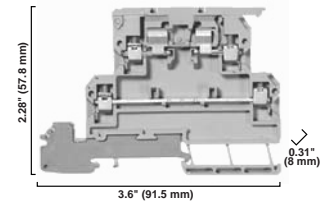
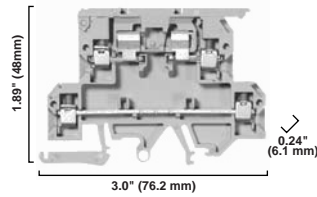
Screw Connection Terminal Blocks

Fuse Blocks, Continued

1492-JD3FB

1492-JDG3FB

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 feed-through circuit and hinged-arm fuse circuit			Three-Level terminal block with feed-through circuit, hinged-arm fuse circuit, and ground point		
Certifications	UL	CSA	IEC	UL	CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC	300V AC/DC		500V AC/DC
Maximum Fuse Circuit Current	10 A	10 A/250V	6.3 A*	10 A	10 A/250V	6.3 A*
Feed-through Circuit	20 A	25 A		20 A	25 A	
Wire Range (Rated Cross Section)	#22...12 AWG	#26...12 AWG	0.5...4 mm ²	#22...12 AWG	#26...12 AWG	0.5...4 mm ²
Fuse Size (Not Supplied)	5 x 20 mm			5 x 20 mm		
Wire Strip Length	0.35 in. (9 mm)			0.35 in. (9 mm)		
Recommended Tightening Torque	5.5 lb•in. (0.6 N•m)			5.5 lb•in. (0.6 N•m)		
Density	38 pcs/ft (125 pcs/m)			38 pcs/ft (125 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)			-58...+248 °F (-50...+120 °C)		
Short-Circuit Current Rating	See page 12-43					

Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: Grey	1492-JD3FB	50	1492-JDG3FB	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 Grey	1492-EBJD3FB	20	1492-EBJD3FB	20
End Anchors:				
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
Jumpers:				
Side Jumper — 4-pole	1492-SJ8A-4	50	1492-SJ8A-4	50
Side Jumper — 3-pole	1492-SJ8A-3	50	1492-SJ8A-3	50
Side Jumper — 2-pole	1492-SJ8A-2	50	1492-SJ8A-2	50
Group Marking				
Rail Mount Group Marking Carrier	1492-GM35	25	1492-GM35	25
End Anchor Top Marker Carrier*	1492-GMC	50	1492-GMC	50
Cat. No. 1492-GMC Top Marker Tag	1492-M5X30 (20/card)	5	1492-M5X30 (20/card)	5
Marking Systems:				
Snap-in marker cards (Handle)	1492-M7X12 (108/card)	5	1492-M7X12 (108/card)	5
Snap-in marker cards (Handle)	1492-MR6X8 (120/card)	5	1492-MR6X8 (120/card)	5
Snap-in marker cards (Side)	1492-M6X5 (200/card)	5	1492-M6X5 (200/card)	5

* IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

* The Bulletin 1492-GMC marker carrier installs directly on the top of a 1492-EAJ35 end anchor or a 1492-ERL35 end retainer for group marking purposes.

Screw Connection Terminal Blocks

Plug-in Connection Blocks

	1492-JC3			1492-JDC3		
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 2 plug-in comb connections on one side.			Two Circuit terminal block with plug-in comb connection on one side of each circuit.		
Certifications		CSA	IEC		CSA	IEC
Voltage Rating	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Maximum Current	20 A	10 A	10 A (2 x 8)	20 A (2 x 10)	24 A	17.5 A
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 lb•in. (0.5 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 12-43					
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.		
Color: Grey	1492-JC3	50	1492-JDC3	50		
Socket Strips	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.		
Color/Quantity	Black/2-Pole	1492-QP5-2	100	1492-QP5-2	100	
	Black/3-Pole	1492-QP5-3	100	1492-QP5-3	100	
	Black/4-Pole	1492-QP5-4	100	1492-QP5-4	100	
	Black/5-Pole	1492-QP5-5	50	1492-QP5-5	50	
	Black/6-Pole	1492-QP5-6	50	1492-QP5-6	50	
	Black/7-Pole	1492-QP5-7	50	1492-QP5-7	50	
	Black/8-Pole	1492-QP5-8	50	1492-QP5-8	50	
	Black/9-Pole	1492-QP5-9	50	1492-QP5-9	50	
	Black/10-Pole	1492-QP5-10	50	1492-QP5-10	50	
	Black/11-Pole	1492-QP5-11	50	1492-QP5-11	50	
	Black/12-Pole	1492-QP5-12	50	1492-QP5-12	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		
Barrier Kit (Start/End)	1492-BKJC3	1*	1492-BKJDC3	1*		
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		
Jumpers:						
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	—	—		
Screw Type Jumper Notching Tool	1492-T1	1	—	—		
Other Accessories:						
Open Pin Cover	1492-PCJC3	20	1492-PCJC3	20		
Group Marking Carrier	1492-GM35	25	1492-GM35	25		
Marking Systems:						
Snap-in marker cards	1492-M5X12 (144/card)	25	1492-M5X12 (144/card)	25		
Individual Marker Tabs (Single Char.)	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5		

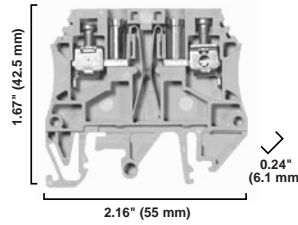
* One kit consists of 10 start barriers and 10 end barriers. Barriers are required on both ends.

Screw Connection Terminal Blocks

Feed-Through Circuit Blocks

1492-J4CTB

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	<i>Single-level feed through block with circuit-break test/measurement plug capability</i>		
Certifications	UL	CSA	IEC
Voltage Rating	300V AC/DC		500V AC/DC
Maximum Current	8 A		6 A
Wire Range (Rated Cross Section)	#26...10 AWG		0.5...4 mm ²
Wire Strip Length	0.394 in. (10 mm)		
Recommended Tightening Torque	4.4...7.1 lb•in. (0.5...0.8 N•m)		
Density	49 pcs/ft (163 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)		
Short-Circuit Current Rating	See page 12-43		

Terminal Blocks	Cat. No.	Pkg Qty.
Color: Grey	1492-J4CTB	50
Accessories	Cat. No.	Pkg Qty.
Mounting Rails:		
1 m Symmetrical DIN (Steel)	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2
End Barrier Grey	1492-EBJ4CTB	50
End Anchors:		
Screwless End Retainer	1492-ERL35	20
DIN Rail - Normal Duty	1492-EAJ35	100
DIN Rail - Heavy Duty	1492-EAHJ35	50
Other Accessories:		
Partition Plate	—	—
Test Plug	—	—
Test Plug - Make Before Break	1492-TPCMB	25
Test Plug - Break Before Make	1492-TPCBM	25
Group Marking		
Rail Mount Group Marking Carrier	1492-GM35	25
End Anchor Top Marker Carrier*	1492-GMC	50
Cat. No. 1492-GMC Top Marker Tag	1492-M5X30 (20/card)	5
Marking Systems:		
Snap-in marker cards	1492-MR6X8 (120/card)	5
Snap-in marker cards	1492-M6X5 (200/card)	5

* The Bulletin 1492-GMC marker carrier installs directly on the top of a 1492-EAJ35 end anchor or a 1492-ERL35 end retainer for group marking purposes.

Fuse Ratings

Cat. No.	Wire CU AWG		Overcurrent Protection Fuse Required Class/Max. Amp Rating						SCCR, RMS Sym A 600V Max.	Torque lb•in.
	Line	Load	J	T	RK1	RK5	G	CC		
1492-J3	14...12	14...12	30	30	—	—	30	30	100,000	4.5...7.1
1492-J4	14...10	14...10	60	60	30	—	60	30	100,000	9.0
1492-J6	14...8	14...8	100	100	60	30	60	30	100,000	14.2
1492-J10	14...6	14...6	100	100	60	30	60	30	100,000	20.4
1492-J16	14...4	14...4	100	100	60	30	60	30	100,000	35.0
1492-J35	12...1/0	12...1/0	200	200	100	30	60	30	100,000	51.0
1492-J50	6...1/0	6...1/0	200	200	100	30	60	30	100,000	31.0
1492-J70	1/0...3/0	1/0...3/0	400	400	200	100	60	30	100,000	88.5
1492-J120	4...4/0	4...4/0	400	400	200	100	60	30	100,000	105.0

Overcurrent Ratings

Cat. No.	Wire CU AWG (Line and Load)	Overcurrent Protection Device Required	Max. Amp	SCCR, RMS Sym A 480Y	SCCR, RMS Sym. A 600Y	Torque lb•in.
1492-J3	14...12	140M-D8E-B_	16	65,000	30,000	4.5-7.1
		140M-D8E-C10	16	65,000	30,000	
		140M-D8E-C16	16	65,000	30,000	
		140M-C2E-C10	16	65,000	*	
		140M-C2E-C16	16	30,000	*	
		140M-C2E-B10	16	65,000	30,000	
		140M-C2E-B16	16	65,000	30,000	
		140M-C2E-B25	16	65,000	30,000	
		140M-C2E-B40	16	65,000	25,000	
		140M-C2E-B63	16	65,000	*	
140M-C2E-A_	16	65,000	30,000			
1492-J4	14...10	140M-F8E-C10	32	65,000	30,000	9.0
		140M-F8E-C16	32	65,000	30,000	
		140M-F8E-C20	32	65,000	30,000	
		140M-F8E-C25	32	65,000	30,000	
		140M-F8E-C32	32	65,000	30,000	
		140M-D8E-C10	32	65,000	30,000	
		140M-D8E-C16	32	65,000	30,000	
		140M-D8E-C20	32	65,000	*	
		140M-D8E-C25	32	30,000	*	
		140M-D8E-B_	32	65,000	30,000	
		140M-C2E-C10	32	65,000	*	
		140M-C2E-C16	32	30,000	*	
		140M-C2E-B10	32	65,000	30,000	
		140M-C2E-B16	32	65,000	30,000	
		140M-C2E-B25	32	65,000	30,000	
		140M-C2E-B40	32	65,000	25,000	
		140M-C2E-B63	32	65,000	*	
		140M-C2E-A_	32	65,000	30,000	
1492-J6	14...8	140M-F8E-C10	32	65,000	30,000	14.2
		140M-F8E-C16	32	65,000	30,000	
		140M-F8E-C20	32	65,000	30,000	
		140M-F8E-C25	32	65,000	30,000	
		140M-F8E-C32	32	65,000	30,000	
		140M-D8E-C10	32	65,000	30,000	
		140M-D8E-C16	32	65,000	30,000	
		140M-D8E-C20	32	65,000	*	
		140M-D8E-C25	32	30,000	*	
		140M-D8E-B_	32	65,000	30,000	
		140M-C2E-C10	32	65,000	*	
		140M-C2E-C16	32	30,000	*	
		140M-C2E-B10	32	65,000	30,000	
		140M-C2E-B16	32	65,000	30,000	
		140M-C2E-B25	32	65,000	30,000	
		140M-C2E-B40	32	65,000	25,000	
		140M-C2E-B63	32	65,000	*	
		140M-C2E-A_	32	65,000	30,000	
1492-J10	14...10	140M-H8P-C15	50	50,000	30,000	20.4
		140M-H8P-C30	50	50,000	30,000	
		140M-H8P-C50	50	50,000	30,000	
		140M-H8P-B_	50	50,000	30,000	
1492-J16	14...4	140M-H8P-__	100	30,000	30,000	35.0
1492-J35	12...2	140M-H8P-__	100	50,000	30,000	51.0
1492-J50	2...1/0	140M-H8P-__	150	65,000	30,000	31.5

* Bulletin 140M does not have ratings at this voltage.

Spring Clamp Connection Terminal Blocks

Introduction

The Allen-Bradley Line of Spring-Clamp Terminal Blocks...

The Bulletin 1492-L line of internationally approved spring-clamp IEC-style terminal blocks offers a variety of products that can make any application:

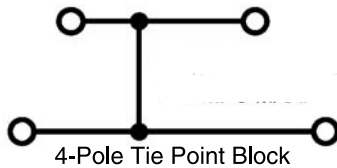
- **Fast** — Reduces wiring time by more than 50%
- **Practical** — Requires only a flat-head screwdriver for easy installation. Maintenance-free, no need to retighten
- **Reliable** — Secure contact is durable under extreme conditions such as high-vibration applications

Products Available in the 1492-L Spring-Clamp Line

- **Feed-Through Blocks**, accommodating wire sizes from #30...#2 AWG (0.2...35 mm²)
- **Grounding Blocks** for grounding a given circuit to the DIN Rail
- **Multi-Circuit Blocks** for doubling circuit wiring density
- **Isolation Blocks** for circuit isolation during testing and troubleshooting
- **Plug-In Style Terminal Blocks** accommodating component plugs, fuse plugs, and disconnect plugs
- **Sensor Blocks** for coordination of three-wire sensor groups with or without ground terminations
- **Electrical Component Blocks** which allow for the insertion of fixed components into control circuits. Components include diodes and surge suppression circuits

Tie-Point Block

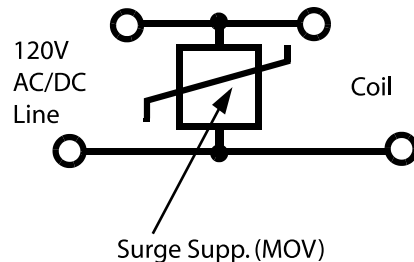
(Cat. Nos. 1492-LD2C, LD3C, LD4C)



Surge Suppression Block

(Cat. No. 1492-LD4SS)

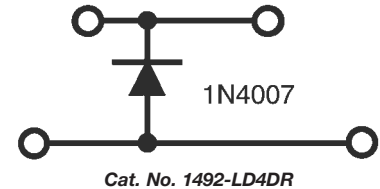
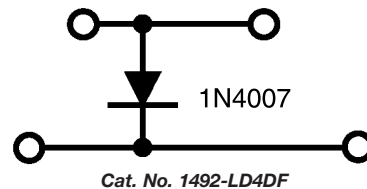
Provides a convenient means of incorporating transient suppression for relays, contactors and solenoids into a control system.



Diode Block

(Cat. Nos. 1492-LD4DF, 1492-LD4DR)

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.



- **Test Blocks** for allowing a bank of pluggable terminal strips to be easily connected for test purposes
- A wide variety of snap-in markers are available for individual or group circuit identification
- A broad offering of accessories such as screwless end retainers, electrical warning plates, end barriers, protective stops and test plugs to provide exactly what the application requires
- Operating instructions (printed on an adhesive label), for fixing inside a panel
- **Mini-blocks** available in rail-mount or panel-mount configurations

Materials and Design Features

The 1492-L line is specially designed for safety, installation ease, and ruggedness. Features include:

- Tin-plated terminals and stainless steel spring clamps for resistance to corrosion and vibration
- Spring clamp design to minimize stress relaxation and maintain contact force, even under vibration
- Top wire entry for ease of installation
- Circuit testing with standard 2 mm diameter test probe or stackable test plugs on most spring-clamp blocks
- Insulation stops to ensure electrical connection when using smaller gauge wires
- Markers that are visible after terminal blocks are wired
- Multiple marking options
- Common profiles to minimize stocking of accessories
- Self-extinguishing, polyimide 6.6 housing materials with a flammability rating UL 94-V0 (1492-R terminal blocks have a UL 94-V2 flammability rating)
- Screwless center jumpers to simplify jumpering terminals together

Note: To ensure proper wire termination, these blocks are designed to accept only **one** wire per terminal.

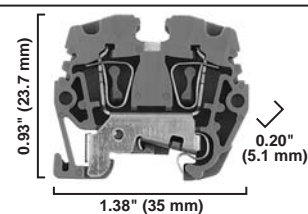
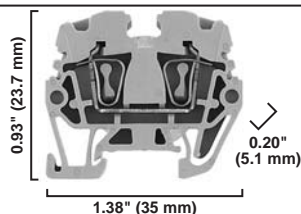
Spring-Clamp Connection Terminal Blocks

Mini-Blocks with Center Jumper Option

1492-LMJ3

1492-LMJG3

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		Mini rail-mount, Feed-through Terminal Block with jumper capability			Mini rail-mount grounding Terminal Block			
Certifications			CSA	IEC	ATEX		CSA	IEC
Voltage Rating		600V AC/DC			500V AC/DC	275V AC/DC	—	
Maximum Current		20 A			24 A	20 A	Grounding	
Wire Range (Rated Cross Section)		#26...12 AWG			2.5 mm ²	#20...12 AWG	2.5 mm ²	
Wire Strip Length		0.39 in. (10 mm)			0.39 in. (10 mm)			
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		100	—		—	
		Blue		100	—		—	
		Green/Yellow		—	1492-LMJG3		100	
Accessories		Cat. No.		Pkg Qty.	Cat. No.		Pkg Qty.	
Mounting Rails 1 m Symmetrical DIN (Steel)		1492-DR3		5	1492-DR3		5	
Screwless End Retainer		Grey 1492-ERL15		20	1492-ERL15		20	
End Anchor		Grey 1492-EAJ15		50	1492-EAJ15		50	
Jumpers		1492-CJLJ5-50		10	—		—	
Plug-in Center Jumper — 50-Pole		1492-CJLJ5-10		20	—		—	
Plug-in Center Jumper — 10-Pole		1492-CJLJ5-9		20	—		—	
Plug-in Center Jumper — 9-Pole		1492-CJLJ5-8		20	—		—	
Plug-in Center Jumper — 8-Pole		1492-CJLJ5-7		20	—		—	
Plug-in Center Jumper — 7-Pole		1492-CJLJ5-6		20	—		—	
Plug-in Center Jumper — 6-Pole		1492-CJLJ5-5		20	—		—	
Plug-in Center Jumper — 5-Pole		1492-CJLJ5-4		60	—		—	
Plug-in Center Jumper — 4-Pole		1492-CJLJ5-3		60	—		—	
Plug-in Center Jumper — 3-Pole		1492-CJLJ5-2		60	—		—	
Plug-in Center Jumper — 2-Pole		1492-SJLM5-2		50	—		—	
Side Jumper — 2-Pole		1492-TAL5-2		1	—		—	
Side Jumper Installation Tool		Grey 1492-EBLMJ3		50	1492-EBLMJ3		50	
End Barriers		Blue 1492-EBLMJ3-B		50	1492-EBLMJ3-B		50	
		Yellow 1492-EBLMJ3-Y		50	1492-EBLMJ3-Y		50	
Marking Systems		1492-SM5X10 (144/card)		5	1492-SM5X10 (144/card)		5	
Snap-in Marker Cards		1492-M5X5 (200/card)		5	1492-M5X5 (200/card)		5	
Snap-In Marker Cards*		1492-MH5X10 (96/card)		5	1492-MH5X10 (96/card)		5	
Hinged marker cards*								

* Markers can be installed over center jumper channel, with or without center jumper installed.

Spring Clamp Connection Terminal Blocks

Mini-Block, 600V UL Rated, Interlocking

	1492-LM3			1492-LM3Q			1492-LMG3			
<p>Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.</p>										
	Specifications	Mini rail-mount, Feed-through Terminal Block			Mini 4 point, rail-mount, Feed-through Terminal Block			Mini rail-mount grounding Terminal Block		
	Certifications		CSA	IEC		CSA	IEC		CSA	IEC
	Voltage Rating	600V AC/DC			600V AC/DC			—		
Maximum Current	20 A	25 A	24 A	20 A	25 A	24 A	Grounding			
Wire Range (Rated Cross Section)	#26...12 AWG		2.5 mm ²	#26...12 AWG		2.5 mm ²	#26...12 AWG		2.5 mm ²	
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)			0.39 in. (10 mm)			
Density	59 pcs/ft (196 pcs/m)			30 pcs/ft (99 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)			
Terminal Blocks		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Color	Grey	1492-LM3	100		1492-LM3Q	100		—	—	
	Blue	1492-LM3-B	100		1492-LM3Q-B	100		—	—	
	Green/Yellow	—	—		—	—		1492-LMG3	100	
Accessories		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Mounting Rails										
1 m Symmetrical Mini DIN (Steel)		1492-DR3	5		1492-DR3	5		1492-DR3	5	
Screwless End Retainer	Grey	1492-ERL15	20		1492-ERL15	20		1492-ERL15	20	
End Anchor	Grey	1492-EAJ15	50		1492-EAJ15	50		1492-EAJ15	50	
Jumpers										
Side Jumper — 2-Pole		1492-SJLM5-2	50		1492-SJLM5-2	50		—	—	
Side Jumper Installation Tool		1492-TAL5-2	1		1492-TAL5-2	1		—	—	
End Barriers	Grey	1492-EBLM3	50		1492-EBLM3	50		1492-EBLM3	50	
	Blue	1492-EBLM3-B	50		1492-EBLM3-B	50		1492-EBLM3-B	50	
	Yellow	1492-EBLM3-Y	50		1492-EBLM3-Y	50		1492-EBLM3-Y	50	
Marking Systems										
Snap-In Marker Cards		1492-M5X10 (144/card)	5		1492-M5X10 (144/card)	5		1492-M5X10 (144/card)	5	
Snap-In Marker Cards		1492-M5X5 (200/card)	5		1492-M5X5 (200/card)	5		1492-M5X5 (200/card)	5	
Hinged Marker Cards		1492-MH5X10 (96/card)	5		1492-MH5X10 (96/card)	5		1492-MH5X10 (96/card)	5	

Spring-Clamp Connection Terminal Blocks

Mini-Blocks, Panel-Mount

	1492-LMP3 ❄			1492-LMP3Q ❄		
Dimensions are not intended to be used for manufacturing purposes. Note: One end block and one end barrier or two end barriers must be used on each end of a terminal bank to provide mounting slots.						
Specifications	<i>Mini surface mount feed-through Terminal Block</i>			<i>Mini 4 point, surface mount, Feed-through Terminal Block</i>		
Certifications		CSA	IEC		CSA	IEC
Voltage Rating	600V AC/DC		800V AC/DC	600V AC/DC		800V AC/DC
Maximum Current	20 A	25 A	24 A	20 A	25 A	24 A
Wire Range (Rated Cross Section)	#26...12 AWG		2.5 mm ²	#26...12 AWG		2.5 mm ²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
Density	59 pcs/ft (196 pcs/m)			30 pcs/ft (99 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-LMP3	100	1492-LMP3Q	100	
	Blue	1492-LMP3-B	100	1492-LMP3Q-B	100	
End Terminal Blocks (with Mounting Brackets)						
Color	Grey	1492-LMP3E	50	1492-LMP3QE	50	
	Blue	1492-LMP3E-B	50	1492-LMP3QE-B	50	
Accessories		Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	
Mounting Foot*		1492-MFLM	50	1492-MFLM	50	
Jumpers						
Side Center Jumper — 2-Pole		1492-SJLM5-2	50	1492-SJLM5-2	50	
Side Jumper Installation Tool		1492-TAL5-2	1	1492-TAL5-2	1	
End Barriers (with Mounting Slots)	Grey	1492-EBLMP3	50	1492-EBLMP3	50	
	Blue	1492-EBLMP3-B	50	1492-EBLMP3-B	50	
Marking Systems						
Snap-In Marker Cards		1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5	
Snap-In Marker Cards		1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	
Hinged Marker Cards		1492-MH5X10 (96/card)	5	1492-MH5X10 (96/card)	5	

❄ For a grouping of terminal blocks, use 1 end terminal block, select the number of terminal blocks, and use 1 end barrier. You can also use a group of terminal blocks with an end barrier on each end.

* Allows mounting to 15 mm and 35 mm DIN Rail. Recommended spacing is every fifth block on Cat. No. 1492-LMP3 and every third block on Cat. No. 1492-LMP3Q.

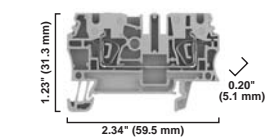
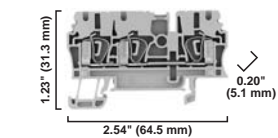
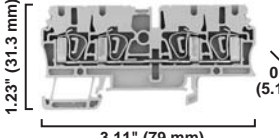
Spring-Clamp Connection Terminal Blocks

Standard Feed-Through Blocks

	1492-L2				1492-L2T				1492-L2Q			
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				Feed-through Terminal Block with 2 points on one side				Feed-through Terminal Block with 2 points on each side			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	300V AC/DC		500V AC/DC	550V AC/DC	300V AC/DC		500V AC/DC	550V AC/DC	300V AC/DC		500V AC/DC	550V AC/DC
Maximum Current	15 A	20 A	17.5 A	15 A	15 A	20 A	17.5 A	15 A	15 A	20 A	17.5 A	15 A
Wire Range (Rated Cross Section)	#26...14 AWG		1.5 mm ²	1.5 mm ²	#26...14 AWG		1.5 mm ²	1.5 mm ²	#26...14 AWG		1.5 mm ²	1.5 mm ²
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.39 in. (10 mm)			
Density	87 pcs/ft (285 pcs/m)				87 pcs/ft (285 pcs/m)				87 pcs/ft (285 pcs/m)			
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)			
Terminal Blocks		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.
Color	Grey	1492-L2		50		1492-L2T		50		1492-L2Q		50
	Red	1492-L2-RE		50		1492-L2T-RE		50		1492-L2Q-RE		50
	Blue	1492-L2-B		50		1492-L2T-B		50		1492-L2Q-B		50
	Black	1492-L2-BL		50		1492-L2T-BL		50		1492-L2Q-BL		50
	Green	1492-L2-G		50		1492-L2T-G		50		1492-L2Q-G		50
	Yellow	1492-L2-Y		50		1492-L2T-Y		50		1492-L2Q-Y		50
	Orange	1492-L2-OR		50		1492-L2T-OR		50		1492-L2Q-OR		50
	Brown	1492-L2-BR		50		1492-L2T-BR		50		1492-L2Q-BR		50
	White	1492-L2-W		50		1492-L2T-W		50		1492-L2Q-W		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-EBL2		50		1492-EBL2T		50		1492-EBL2Q		50
	Blue	1492-EBL2-B		50		1492-EBL2T-B		50		1492-EBL2Q-B		50
	Yellow	1492-EBL2-Y		50		1492-EBL2T-Y		50		1492-EBL2Q-Y		50
End Anchors and Retainers												
Screwless End Retainer		1492-ERL35		20		1492-ERL35		20		1492-ERL35		20
DIN Rail — Normal Duty		1492-EAJ35		100		1492-EAJ35		100		1492-EAJ35		100
DIN Rail — Heavy Duty		1492-EAHJ35		50		1492-EAHJ35		50		1492-EAHJ35		50
Jumpers												
Plug-in Center Jumper — 10-Pole		1492-CJL4-10		20		1492-CJL4-10		20		1492-CJL4-10		20
Plug-in Center Jumper — 5-Pole		1492-CJL4-5		60		1492-CJL4-5		60		1492-CJL4-5		60
Plug-in Center Jumper — 4-Pole		1492-CJL4-4		60		1492-CJL4-4		60		1492-CJL4-4		60
Plug-in Center Jumper — 3-Pole		1492-CJL4-3		60		1492-CJL4-3		60		1492-CJL4-3		60
Plug-in Center Jumper — 2-Pole		1492-CJL4-2		60		1492-CJL4-2		60		1492-CJL4-2		60
Other Accessories												
Reducing Sleeves #28...#24 AWG (0.13...0.2 mm ²) White		1492-PSL2-2		100		1492-PSL2-2		100		1492-PSL2-2		100
Reducing Sleeves #22...#20 AWG (0.25...0.5 mm ²) Grey		1492-PSL2-5		100		1492-PSL2-5		100		1492-PSL2-5		100
Test Plug (Stackable)		1492-TPL4		25		1492-TPL4		25		1492-TPL4		25
Electrical Warning Plate		1492-EWPL4		20		1492-EWPL4		20		1492-EWPL4		20
Group Marking Carrier		1492-GM35		25		1492-GM35		25		1492-GM35		25
Marking Systems												
Snap-In Marker Cards		1492-M3X12 (120/card)		5		1492-M3X12 (120/card)		5		1492-M3X12 (120/card)		5
Snap-In Marker Cards		1492-M3X5 (100/card)		5		1492-M3X5 (100/card)		5		1492-M3X5 (100/card)		5

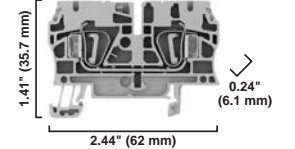
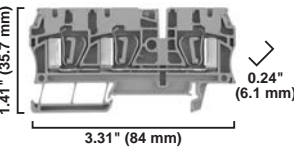
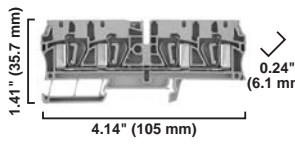
Spring-Clamp Connection Terminal Blocks

Standard Feed-Through Blocks, Continued

	1492-L3				1492-L3T				1492-L3Q			
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	<i>Feed-through Terminal Block</i>				<i>Feed-through Terminal Block with 2 points on one side</i>				<i>Feed-through Terminal Block with 2 points on each side</i>			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC
Maximum Current	25 A	27 A	24 A	21 A	25 A	27 A	24 A	21 A	25 A	27 A	24 A	21 A
Wire Range (Rated Cross Section)	#30...1 2 AWG	#26... 12 AWG	2.5 mm ²	2.5 mm ² (20...12 AWG)	#30...1 2 AWG	#26... 12 AWG	2.5 mm ²	2.5 mm ² (20...12 AWG)	#30...1 2 AWG	#26... 12 AWG	2.5 mm ²	2.5 mm ² (20...12 AWG)
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.39 in. (10 mm)			
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 (SCCR)	See page 12-71											
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color	Grey	1492-L3	100	1492-L3T	100	1492-L3Q	100	1492-L3Q	100	1492-L3Q	100	1492-L3Q
	Red	1492-L3-RE	100	1492-L3T-RE	100	1492-L3Q-RE	100	1492-L3Q-RE	100	1492-L3Q-RE	100	1492-L3Q-RE
	Blue	1492-L3-B	100	1492-L3T-B	100	1492-L3Q-B	100	1492-L3Q-B	100	1492-L3Q-B	100	1492-L3Q-B
	Black	1492-L3-BL	100	1492-L3T-BL	100	1492-L3Q-BL	100	1492-L3Q-BL	100	1492-L3Q-BL	100	1492-L3Q-BL
	Green	1492-L3-G	100	1492-L3T-G	100	1492-L3Q-G	100	1492-L3Q-G	100	1492-L3Q-G	100	1492-L3Q-G
	Yellow	1492-L3-Y	100	1492-L3T-Y	100	1492-L3Q-Y	100	1492-L3Q-Y	100	1492-L3Q-Y	100	1492-L3Q-Y
	Orange	1492-L3-OR	100	1492-L3T-OR	100	1492-L3Q-OR	100	1492-L3Q-OR	100	1492-L3Q-OR	100	1492-L3Q-OR
	Brown	1492-L3-BR	100	1492-L3T-BR	100	1492-L3Q-BR	100	1492-L3Q-BR	100	1492-L3Q-BR	100	1492-L3Q-BR
	White	1492-L3-W	100	1492-L3T-W	100	1492-L3Q-W	100	1492-L3Q-W	100	1492-L3Q-W	100	1492-L3Q-W
Accessories	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	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	199-DR1	10	199-DR1	10	199-DR1	10
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	1492-DR5	10	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	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	1492-DR7	2	1492-DR7	2	1492-DR7	2
End Barriers												
Grey	1492-EBL3	50	1492-EBL3T	50	1492-EBL3Q	50	1492-EBL3Q	50	1492-EBL3Q	50	1492-EBL3Q	50
Blue	1492-EBL3-B	50	1492-EBL3T-B	50	1492-EBL3Q-B	50	1492-EBL3Q-B	50	1492-EBL3Q-B	50	1492-EBL3Q-B	50
Yellow	1492-EBL3-Y	50	1492-EBL3T-Y	50	1492-EBL3Q-Y	50	1492-EBL3Q-Y	50	1492-EBL3Q-Y	50	1492-EBL3Q-Y	50
End Anchors and Retainers												
Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
Jumpers												
Plug-in Center Jumper — 50-Pole	1492-CJK5-50	10	1492-CJK5-50	10	1492-CJK5-50	10	1492-CJK5-50	10	1492-CJK5-50	10	1492-CJK5-50	10
Plug-in Center Jumper — 10-Pole	1492-CJK5-10	20	1492-CJK5-10	20	1492-CJK5-10	20	1492-CJK5-10	20	1492-CJK5-10	20	1492-CJK5-10	20
Plug-in Center Jumper — 9-Pole	1492-CJK5-9	20	1492-CJK5-9	20	1492-CJK5-9	20	1492-CJK5-9	20	1492-CJK5-9	20	1492-CJK5-9	20
Plug-in Center Jumper — 8-Pole	1492-CJK5-8	20	1492-CJK5-8	20	1492-CJK5-8	20	1492-CJK5-8	20	1492-CJK5-8	20	1492-CJK5-8	20
Plug-in Center Jumper — 7-Pole	1492-CJK5-7	20	1492-CJK5-7	20	1492-CJK5-7	20	1492-CJK5-7	20	1492-CJK5-7	20	1492-CJK5-7	20
Plug-in Center Jumper — 6-Pole	1492-CJK5-6	20	1492-CJK5-6	20	1492-CJK5-6	20	1492-CJK5-6	20	1492-CJK5-6	20	1492-CJK5-6	20
Plug-in Center Jumper — 5-Pole	1492-CJK5-5	20	1492-CJK5-5	20	1492-CJK5-5	20	1492-CJK5-5	20	1492-CJK5-5	20	1492-CJK5-5	20
Plug-in Center Jumper — 4-Pole	1492-CJK5-4	60	1492-CJK5-4	60	1492-CJK5-4	60	1492-CJK5-4	60	1492-CJK5-4	60	1492-CJK5-4	60
Plug-in Center Jumper — 3-Pole	1492-CJK5-3	60	1492-CJK5-3	60	1492-CJK5-3	60	1492-CJK5-3	60	1492-CJK5-3	60	1492-CJK5-3	60
Plug-in Center Jumper — 2-Pole	1492-CJK5-2	60	1492-CJK5-2	60	1492-CJK5-2	60	1492-CJK5-2	60	1492-CJK5-2	60	1492-CJK5-2	60
Other Accessories												
Reducing Sleeves #30...#24 AWG (0.13...0.2 mm ²) White	1492-PSL3-2	100	1492-PSL3-2	100	1492-PSL3-2	100	1492-PSL3-2	100	1492-PSL3-2	100	1492-PSL3-2	100
Reducing Sleeves #22...#20 AWG (0.25...0.5 mm ²) Grey	1492-PSL3-5	100	1492-PSL3-5	100	1492-PSL3-5	100	1492-PSL3-5	100	1492-PSL3-5	100	1492-PSL3-5	100
Reducing Sleeves #18 AWG (0.75...1.0 mm ²) Dark Grey	1492-PSL3-10	100	1492-PSL3-10	100	1492-PSL3-10	100	1492-PSL3-10	100	1492-PSL3-10	100	1492-PSL3-10	100
Test Plug	1492-TP23	20	1492-TP23	20	1492-TP23	20	1492-TP23	20	1492-TP23	20	1492-TP23	20
Test Plug (Stackable)	1492-TPL5	25	1492-TPL5	25	1492-TPL5	25	1492-TPL5	25	1492-TPL5	25	1492-TPL5	25
Electrical Warning Plate	1492-EWPL5	20	1492-EWPL5	20	1492-EWPL5	20	1492-EWPL5	20	1492-EWPL5	20	1492-EWPL5	20
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Systems												
Snap-In Marker Cards	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5
Snap-In Marker Cards	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5
Hinged Marker Cards	1492-MH5X10 (96/card)	5	1492-MH5X10 (96/card)	5	1492-MH5X10 (96/card)	5	1492-MH5X10 (96/card)	5	1492-MH5X10 (96/card)	5	1492-MH5X10 (96/card)	5

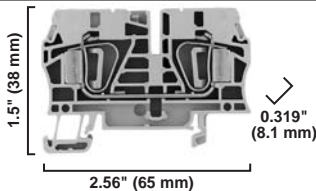
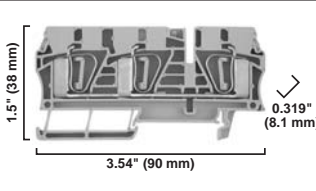
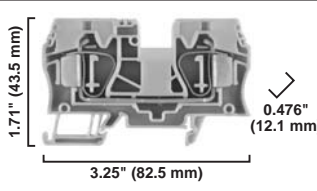
Spring-Clamp Connection Terminal Blocks

Standard Feed-Through Blocks, Continued

	1492-L4				1492-L4T				1492-L4Q			
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				Feed-through Terminal Block with 2 points on one side				Feed-through Terminal Block with 2 points on each side			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC
Maximum Current	33 A	35 A	32 A	28 A	33 A	35 A	32 A	28 A	33 A	35 A	32 A	28 A
Wire Range (Rated Cross Section)	#26...10 AWG		4 mm ²	4 mm ² (20...10 AWG)	#26...10 AWG		4 mm ²	4 mm ² (20...12 AWG)	#26...10 AWG		4 mm ²	4 mm ² (20...12 AWG)
Wire Strip Length	0.47 in. (12 mm)				0.47 in. (12 mm)				0.47 in. (12 mm)			
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 12-71											
Terminal Blocks		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.
Color		1492-L4	50		1492-L4T	50		1492-L4Q	50		1492-L4Q	50
	Grey	1492-L4	50		1492-L4T	50		1492-L4Q	50		1492-L4Q	50
	Red	1492-L4-RE	50		1492-L4T-RE	50		1492-L4Q-RE	50		1492-L4Q-RE	50
	Blue	1492-L4-B	50		1492-L4T-B	50		1492-L4Q-B	50		1492-L4Q-B	50
	Black	1492-L4-BL	50		1492-L4T-BL	50		1492-L4Q-BL	50		1492-L4Q-BL	50
	Green	1492-L4-G	50		1492-L4T-G	50		1492-L4Q-G	50		1492-L4Q-G	50
	Yellow	1492-L4-Y	50		1492-L4T-Y	50		1492-L4Q-Y	50		1492-L4Q-Y	50
	Orange	1492-L4-OR	50		1492-L4T-OR	50		1492-L4Q-OR	50		1492-L4Q-OR	50
	Brown	1492-L4-BR	50		1492-L4T-BR	50		1492-L4Q-BR	50		1492-L4Q-BR	50
	White	1492-L4-W	50		1492-L4T-W	50		1492-L4Q-W	50		1492-L4Q-W	50
Accessories		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.
Mounting Rails		199-DR1	10		199-DR1	10		199-DR1	10		199-DR1	10
1 m Symmetrical DIN (Steel)		199-DR1	10		199-DR1	10		199-DR1	10		199-DR1	10
1 m Symmetrical DIN (Aluminum)		1492-DR5	10		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		1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)		1492-DR7	2		1492-DR7	2		1492-DR7	2		1492-DR7	2
End Barriers		1492-EBL4	50		1492-EBL4T	50		1492-EBL4Q	50		1492-EBL4Q	50
Grey		1492-EBL4	50		1492-EBL4T	50		1492-EBL4Q	50		1492-EBL4Q	50
Blue		1492-EBL4-B	50		1492-EBL4T-B	50		1492-EBL4Q-B	50		1492-EBL4Q-B	50
Yellow		1492-EBL4-Y	50		1492-EBL4T-Y	50		1492-EBL4Q-Y	50		1492-EBL4Q-Y	50
End Anchors and Retainers		1492-ERL35	20		1492-ERL35	20		1492-ERL35	20		1492-ERL35	20
Screwless End Retainer		1492-ERL35	20		1492-ERL35	20		1492-ERL35	20		1492-ERL35	20
DIN Rail — Normal Duty		1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35	100
DIN Rail — Heavy Duty		1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35	50
Jumpers:		1492-CJK6-10	20		1492-CJK6-10	20		1492-CJK6-10	20		1492-CJK6-10	20
Plug-in Center Jumper — 10-Pole		1492-CJK6-10	20		1492-CJK6-10	20		1492-CJK6-10	20		1492-CJK6-10	20
Plug-in Center Jumper — 9-Pole		1492-CJK6-9	20		1492-CJK6-9	20		1492-CJK6-9	20		1492-CJK6-9	20
Plug-in Center Jumper — 8-Pole		1492-CJK6-8	20		1492-CJK6-8	20		1492-CJK6-8	20		1492-CJK6-8	20
Plug-in Center Jumper — 7-Pole		1492-CJK6-7	20		1492-CJK6-7	20		1492-CJK6-7	20		1492-CJK6-7	20
Plug-in Center Jumper — 6-Pole		1492-CJK6-6	20		1492-CJK6-6	20		1492-CJK6-6	20		1492-CJK6-6	20
Plug-in Center Jumper — 5-Pole		1492-CJK6-5	20		1492-CJK6-5	20		1492-CJK6-5	20		1492-CJK6-5	20
Plug-in Center Jumper — 4-Pole		1492-CJK6-4	60		1492-CJK6-4	60		1492-CJK6-4	60		1492-CJK6-4	60
Plug-in Center Jumper — 3-Pole		1492-CJK6-3	60		1492-CJK6-3	60		1492-CJK6-3	60		1492-CJK6-3	60
Plug-in Center Jumper — 2-Pole		1492-CJK6-2	60		1492-CJK6-2	60		1492-CJK6-2	60		1492-CJK6-2	60
Other Accessories		1492-PSL4-2	100		1492-PSL4-2	100		1492-PSL4-2	100		1492-PSL4-2	100
Reducing Sleeves #26...#24 AWG (0.13...0.2 mm ²) White		1492-PSL4-2	100		1492-PSL4-2	100		1492-PSL4-2	100		1492-PSL4-2	100
Reducing Sleeves #20...#22 AWG (0.25...0.5 mm ²) Grey		1492-PSL4-5	100		1492-PSL4-5	100		1492-PSL4-5	100		1492-PSL4-5	100
Reducing Sleeves #18 AWG (0.75...1.0 mm ²) Dark Grey		1492-PSL4-10	100		1492-PSL4-10	100		1492-PSL4-10	100		1492-PSL4-10	100
Test Plug		1492-TP23	20		1492-TP23	20		1492-TP23	20		1492-TP23	20
Test Plug (Stackable)		1492-TPL6	25		1492-TPL6	25		1492-TPL6	25		1492-TPL6	25
Electrical Warning Plate		1492-EWPL6	20		1492-EWPL6	20		1492-EWPL6	20		1492-EWPL6	20
Group Marking Carrier		1492-GM35	25		1492-GM35	25		1492-GM35	25		1492-GM35	25
Marking Systems		1492-M6X10 (120/card)	5		1492-M6X10 (120/card)	5		1492-M6X10 (120/card)	5		1492-M6X10 (120/card)	5
Snap-In Marker Cards		1492-M6X10 (120/card)	5		1492-M6X10 (120/card)	5		1492-M6X10 (120/card)	5		1492-M6X10 (120/card)	5
Snap-In Marker Cards		1492-M6X5 (200/card)	5		1492-M6X5 (200/card)	5		1492-M6X5 (200/card)	5		1492-M6X5 (200/card)	5
Hinged Marker Cards		1492-MH6X12 (80/card)	5		1492-MH6X12 (80/card)	5		1492-MH6X12 (80/card)	5		1492-MH6X12 (80/card)	5

Spring-Clamp Connection Terminal Blocks

Standard Feed-Through Blocks, Continued

	1492-L6				1492-L6T				1492-L10			
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.												
	2.56" (65 mm)				3.54" (90 mm)				3.25" (82.5 mm)			
Specifications	<i>Feed-through Terminal Block</i>				<i>Feed-through Terminal Block with 2 points on one side</i>				<i>Feed-through Terminal Block</i>			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	600V AC/DC			800V AC/DC	600V AC/DC			800V AC/DC	600V AC/DC			800V AC/DC
Maximum Current	50 A		41 A	36 A	50 A		41 A	36 A	60 A	55 A	57 A	50 A
Wire Range (Rated Cross Section)	#22...8 AWG	#20...8 AWG	6 mm ²	6 mm ² (20...8 AWG)	#22...8 AWG	#20...8 AWG	6 mm ²	6 mm ² (#20...10 AWG)	#16...6 AWG		10 mm ²	10 mm ² (16...8 AWG)
Wire Strip Length	0.51 in. (13 mm)				0.51 in. (13 mm)				0.70 in. (18 mm)			
Density	37 pcs/ft (123 pcs/m)				37 pcs/ft(123 pcs/m)				30 pcs/ft (99 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 12-71											
Terminal Blocks		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.
Color	Grey	1492-L6	50		1492-L6T	50		1492-L10	25			
	Red	1492-L6-RE	50		1492-L6T-RE	50		1492-L10-RE	25			
	Blue	1492-L6-B	50		1492-L6T-B	50		1492-L10-B	25			
	Black	1492-L6-BL	50		1492-L6T-BL	50		1492-L10-BL	25			
	Green	1492-L6-G	50		1492-L6T-G	50		1492-L10-G	25			
	Yellow	1492-L6-Y	50		1492-L6T-Y	50		1492-L10-Y	25			
	Orange	1492-L6-OR	50		1492-L6T-OR	50		1492-L10-OR	25			
	Brown	1492-L6-BR	50		1492-L6T-BR	50		1492-L10-BR	25			
	White	1492-L6-W	50		1492-L6T-W	50		1492-L10-W	25			
Accessories		Cat. No.	Pkg Qty.		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			10
1 m Symmetrical DIN (Aluminum)		1492-DR5	10		1492-DR5	10		1492-DR5	10			10
1 m Hi-Rise Sym. DIN (Aluminum)		1492-DR6	2		1492-DR6	2		1492-DR6	2			2
1 m Angled Hi-Rise Sym. DIN (Steel)		1492-DR7	2		1492-DR7	2		1492-DR7	2			2
End Barriers	Grey	1492-EBL6	50		1492-EBL6T	50		1492-EBL10	20			
	Blue	1492-EBL6-B	50		1492-EBL6T-B	50		1492-EBL10-B	20			
	Yellow	1492-EBL6-Y	50		1492-EBL6T-Y	50		1492-EBL10-Y	20			
End Anchors and Retainers												
Screwless End Retainer		1492-ERL35	20		1492-ERL35	20		1492-ERL35	20			20
DIN Rail — Normal Duty		1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35	100			100
DIN Rail — Heavy Duty		1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35	50			50
Jumpers												
Plug-in Center Jumper — 32-Pole		1492-CJL8-32	10		1492-CJL8-32	10		—	—			—
Plug-in Center Jumper — 4-Pole		1492-CJL8-4	60		1492-CJL8-4	60		—	—			—
Plug-in Center Jumper — 3-Pole		1492-CJL8-3	60		1492-CJL8-3	60		—	—			—
Plug-in Center Jumper — 2-Pole		1492-CJL8-2	60		1492-CJL8-2	60		1492-CJL10-2	25			25
Other Accessories												
Test Plug		—	—		—	—		1492-TP23	20			
Test Plug (Stackable)		1492-TPL8	25		1492-TPL8	25		—	—			—
Electrical Warning Plate		1492-EWPL8	20		1492-EWPL8	20		1492-EWPL10	20			20
Group Marking Carrier		1492-GM35	25		1492-GM35	25		1492-GM35	25			25
Marking Systems												
Snap-In Marker Cards*		1492-M6X12 (120/card)	5		1492-M6X12 (120/card)	5		1492-M6X12 (120/card)	5			5
Snap-In Marker Cards		1492-MR8X12 (84/card)	5		1492-M8X5 (160/card)	5		1492-M8X5 (160/card)	5			5
Hinged Marker Cards		1492-MH6X12 (80/card)	5		1492-MH6X12 (80/card)	5		1492-MH5X15 (96/card)	5			5

* May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

Standard Feed-Through Blocks, Continued

	1492-L16			1492-L16D*			1492-L35				
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 <i>Feed-through Terminal Block</i>			Specifications <i>Power Distribution Block with Center Jumper Connection/Feed</i>			Specifications <i>Feed-through Terminal Block</i>				
Certifications		CSA	IEC	ATEX		CSA	IEC		CSA	IEC	ATEX
Voltage Rating	600V AC/DC			800V AC/DC	550V AC/DC	600V AC/DC		500V AC/DC	600V AC/DC		
Maximum Current	65 A			76 A	66 A	65 A		76 A	120 A		
Wire Range (Rated Cross Section)	#14...4 AWG			16 mm ²	16...6 AWG)	#14...4 AWG		16 mm ²	#12...2 AWG		35 mm ²
Wire Strip Length	0.70 in. (18 mm)			0.70 in. (18 mm)			0.98 in. (25 mm)				
Density	25 pcs/ft (82 pcs/m)			20 pcs/ft (66 pcs/m)			18 pcs/ft (62 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 12-71										
Terminal Blocks		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.		Pkg Qty.	
Color	Grey	1492-L16	25		1492-L16D*	20		1492-L35		10	
	Red	1492-L16-RE	25		—	—		1492-L35-RE		10	
	Blue	1492-L16-B	25		—	—		1492-L35-B		10	
	Black	1492-L16-BL	25		—	—		1492-L35-BL		10	
	Green	1492-L16-G	25		—	—		1492-L35-G		10	
	Yellow	1492-L16-Y	25		—	—		1492-L35-Y		10	
	Orange	1492-L16-OR	25		—	—		1492-L35-OR		10	
	Brown	1492-L16-BR	25		—	—		1492-L35-BR		10	
	White	1492-L16-W	25		—	—		1492-L35-W		10	
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 Heavy Duty DIN (Steel, Unslotted)		199-DR4	5		199-DR4	5		199-DR4		5	
1 m Symmetrical DIN (Aluminum)		1492-DR5	10		1492-DR5	10		1492-DR5		10	
1 m Hi-Rise Symmetrical 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	
1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)		1492-DR8	5		1492-DR8	5		1492-DR8		5	
1 m Symmetrical Heavy Duty DIN (Steel Slotted)		1492-DR9	5		1492-DR9	5		1492-DR9		5	
End Barriers	Grey	1492-EBL16	20		Integrated to Block	—		Integrated to Block		—	
	Blue	1492-EBL16-B	20		—	—		—		—	
	Yellow	1492-EBL16-Y	20		—	—		—		—	
End Anchors and Retainers		1492-ERL35	20		1492-ERL35	20		1492-ERL35		20	
Screwless End Retainer		1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35		100	
DIN Rail — Normal Duty		1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35		50	
DIN Rail — Heavy Duty		1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35		50	
Jumpers		1492-CJL12-2	25		⚡	—		1492-CJL16-2		10	
Plug-in Center Jumper — 2-Pole											
Other Accessories		1492-TP23	20		1492-TP23	20		1492-TP23		20	
Test Plug		—	—		—	—		—		—	
Test Adapter		—	—		—	—		—		—	
Electrical Warning Plate		1492-EWPL12	20		1492-EWPL12	20		1492-EWPL16		20	
Group Marking Carrier		1492-GM35	25		1492-GM35	25		1492-GM35		25	
Marking Systems		1492-M7X12 (108/card)	5		1492-M7X12 (108/card)	5		1492-M7X12 (108/card)		5	
Snap-In Marker Cards†		1492-M8X5 (160/card)	5		1492-M8X5 (160/card)	5		1492-M8X5 (160/card)		5	
Snap-In Marker Cards		1492-MH5X15 (96/card)	5		1492-MH5X15 (96/card)	5		1492-MH5X15 (96/card)		5	
Hinged Marker Cards											

* Can be electrically connected through center jumper for power distribution to 1492 - L3, L3Q, L4, L4T, L4Q, L6, and L6T terminal blocks. See page 12-53 for distribution guidelines.

⚡ Use defined center jumper for standard terminal blocks when connecting for power distribution.

† May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

Power Distribution Blocks

Feed Left:

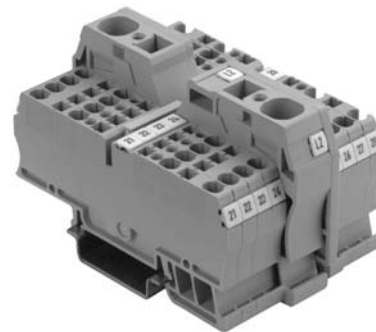
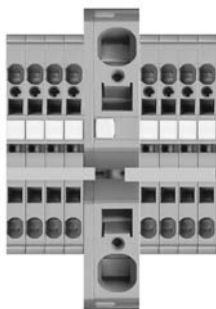


Feed Right:



The Cat. No. 1492-L16D feed terminal allows wires with a cross section from 4...14 AWG and up to 16 mm² to be used. Using standard cross connections, the potential can be distributed to any number of terminals with smaller cross sections. The following tables show some variants for potential distribution of the supply, the required cross connection, and the maximum current. The maximum current for the single terminal block must not be exceeded.

Feed Middle:

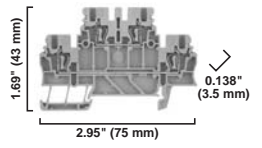
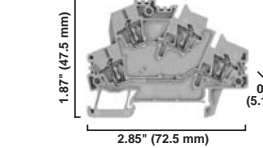
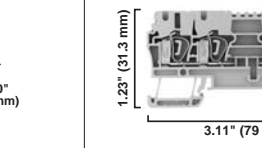


Feed Left				Feed Middle				Feed Right				
Feed Terminal	Feed	I_{max}	Jumper	Feed Terminal	Feed	I_{max}	Jumper	Feed Terminal	Feed	I_{max}	Jumper	
1492-L3	4...14 AWG (16 mm ²)	62 A	1492-CJK5-*	1492-L3	#4...14 AWG (16 mm ²)	76 A	1492-CJK5-*	1492-L3	#4...14 AWG (16 mm ²)	62 A	1492-CJK5-*	
1492-L3Q		62 A	1492-CJK5-*	1492-L3Q		76 A	1492-CJK5-*	1492-L3Q		62 A	1492-CJK5-*	
1492-L4		76 A	1492-CJK6-*	1492-L4		76 A	1492-CJK6-*	1492-L4		76 A	1492-CJK6-*	
										1492-L4T	76 A	1492-CJK6-*
										1492-L4Q	76 A	1492-CJK6-*
1492-L6		76 A	1492-CJL8-*	1492-L6		76 A	1492-CJL8-*	1492-L6		76 A	1492-CJL8-*	
								1492-L6T		76 A	1492-CJL8-*	

* See accessory section for availability of specific jumper pole configurations.

Spring-Clamp Connection Terminal Blocks

Multi-Circuit Feed-Through Blocks

	1492-LD2			1492-LD3				1492-L3QS			
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	<i>Two-circuit feed-through terminal block</i>			<i>Two-circuit feed-through terminal block</i>				<i>Side-by-side Two circuit Terminal Block</i>			
Certifications											
Voltage Rating	300V AC/DC		600V AC/DC	500V AC/DC		600V AC/DC		800V AC/DC		550V AC/DC	
Maximum Current	10 A		17.5 A	20 A	25 A	24 A	20 A	25 A	27 A	24 A	21 A
Wire Range (Rated Cross Section)	#28... 16 AWG		1.5 mm ²	#30... 12 AWG		2.5 mm ²	0.5... 2.5 mm ² (#20...14 AWG)	#26... 12 AWG		2.5 mm ²	2.5 mm ² (20... 12 AWG)
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)				0.39 in. (10 mm)			
Density	87 pcs/ft (285 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)			
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	
Color	Grey	1492-LD2	50	1492-LD3	25	1492-L3QS	50				
	Red	1492-LD2-RE	50	1492-LD3-RE	25	1492-L3QS-RE	50				
	Blue	1492-LD2-B	50	1492-LD3-B	25	1492-L3QS-B	50				
	Black	1492-LD2-BL	50	1492-LD3-BL	25	1492-L3QS-BL	50				
	Green	1492-LD2-G	50	1492-LD3-G	25	1492-L3QS-G	50				
	Yellow	1492-LD2-Y	50	1492-LD3-Y	25	1492-L3QS-Y	50				
	Orange	1492-LD2-OR	50	1492-LD3-OR	25	1492-L3QS-OR	50				
	Brown	1492-LD2-BR	50	1492-LD3-BR	25	1492-L3QS-BR	50				
	White	1492-LD2-W	50	1492-LD3-W	25	1492-L3QS-W	50				
Accessories	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	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	199-DR1	10			
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	1492-DR5	10	1492-DR5	10			
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6	2	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	1492-DR7	2			
End Barriers											
Grey	1492-EBLD2	50	1492-EBLD3	20	1492-EBL3Q	50					
Blue	1492-EBLD2-B	20	1492-EBLD3-B	20	1492-EBL3Q-B	50					
Yellow	1492-EBLD2-Y	20	1492-EBLD3-Y	20	1492-EBL3Q-Y	50					
End Anchors and Retainers											
Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20			
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100			
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50			
Jumpers											
Plug-in Center Jumper — 50-Pole	—	—	1492-CJK5-50	10	—	—	—	—			
Plug-in Center Jumper — 10-Pole	1492-CJL4-10	20	1492-CJK5-10	20	—	—	—	—			
Plug-in Center Jumper — 9-Pole	—	—	1492-CJK5-9	20	—	—	—	—			
Plug-in Center Jumper — 8-Pole	—	—	1492-CJK5-8	20	—	—	—	—			
Plug-in Center Jumper — 7-Pole	—	—	1492-CJK5-7	20	—	—	—	—			
Plug-in Center Jumper — 6-Pole	—	—	1492-CJK5-6	20	—	—	—	—			
Plug-in Center Jumper — 5-Pole	1492-CJL4-5	60	1492-CJK5-5	20	—	—	—	—			
Plug-in Center Jumper — 4-Pole	1492-CJL4-4	60	1492-CJK5-4	60	—	—	—	—			
Plug-in Center Jumper — 3-Pole	1492-CJL4-3	60	1492-CJK5-3	60	—	—	—	—			
Plug-in Center Jumper — 2-Pole	1492-CJL4-2	60	1492-CJK5-2	60	—	—	—	—			
Other Accessories											
Reducing Sleeves #28...24 AWG (0.13...0.2 mm ²)	1492-PSL2-2	100	1492-PSLS2-2	100			1492-PSL3-2	100			
Reducing Sleeves #22...20 AWG (0.25...0.5 mm ²)	1492-PSL2-5	100	1492-PSLS2-5	100			1492-PSL3-5	100			
Reducing Sleeves #18 AWG (0.75...1.0 mm ²)	—	—	—	—			1492-PSL3-10	100			
Test Plug	1492-TPL4	25	—	—	—	—	1492-TP23	20			
							1492-TPL5	25			
Electrical Warning Plate	1492-EWPL4	20	—	—	—	—	1492-EWPL5	20			
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25	1492-GM35	25			
Marking Systems											
Snap-In Marker Cards	1492-M3X12 (120/card)*	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5			
	1492-M3X5 (100/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5			
Hinged Marker Cards	—	—	—	—	—	—	1492-MH5X10 (96/card)	5			

* May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

Multi-Circuit Feed-Through Blocks, Continued

		1492-LD4			1492-LTF3		
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-circuit feed-through terminal block			Three-circuit feed-through terminal block with multiple cross connection points		
Certifications			CSA	IEC		CSA	IEC
Voltage Rating		600V AC/DC		800V AC/DC	300V AC/DC		500V AC/DC
Maximum Current		25 A	30 A	32 A	15 A		20 A
Wire Range (Rated Cross Section)		#26...10 AWG		4 mm ²	#26...12 AWG		2.5 mm ²
Wire Strip Length		0.39 in. (10 mm)			0.39 in. (10 mm)		
Density		49 pcs/ft (163 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.	Cat. No.	Pkg Qty.
Color		Grey	1492-LD4	25	1492-LTF3	25	—
		Red	1492-LD4-RE	25	—	—	—
		Blue	1492-LD4-B	25	—	—	—
		Black	1492-LD4-BL	25	—	—	—
		Green	1492-LD4-G	25	—	—	—
		Yellow	1492-LD4-Y	25	—	—	—
		Orange	1492-LD4-OR	25	—	—	—
		Brown	1492-LD4-BR	25	—	—	—
		White	1492-LD4-W	25	—	—	—
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	10
		1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	10
		1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	2
		1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	2
End Barriers		Grey	1492-EBLD4	20	1492-EBLTF3	20	20
		Blue	1492-EBLD4-B	20	—	—	—
		Yellow	1492-EBLD4-Y	20	—	—	—
End Anchors and Retainers		Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	20
		DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	100
		DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	50
Jumpers		Plug-in Center Jumper — 50-Pole	—	—	1492-CJK5-50	10	10
		Plug-in Center Jumper — 10-Pole	1492-CJK6-10	20	1492-CJK5-10	20	20
		Plug-in Center Jumper — 9-Pole	1492-CJK6-9	20	1492-CJK5-9	20	20
		Plug-in Center Jumper — 8-Pole	1492-CJK6-8	20	1492-CJK5-8	20	20
		Plug-in Center Jumper — 7-Pole	1492-CJK6-7	20	1492-CJK5-7	20	20
		Plug-in Center Jumper — 6-Pole	1492-CJK6-6	20	1492-CJK5-6	20	20
		Plug-in Center Jumper — 5-Pole	1492-CJK6-5	20	1492-CJK5-5	20	20
		Plug-in Center Jumper — 4-Pole	1492-CJK6-4	60	1492-CJK5-4	60	60
		Plug-in Center Jumper — 3-Pole	1492-CJK6-3	60	1492-CJK5-3	60	60
		Plug-in Center Jumper — 2-Pole	1492-CJK6-2	60	1492-CJK5-2	60	60
		Vertical Cross Connector*	—	—	1492-CJL5D	20	20
Other Accessories		Reducing Sleeves 26...24 AWG (0.13...0.2 mm ²)	—	—	1492-PSLTF3-2	100	100
		Reducing Sleeves 22...20 AWG (0.25...0.5 mm ²)	—	—	1492-PSLTF3-5	100	100
		Test Plug	1492-TP23	20	—	—	—
		Electrical Warning Plate	1492-EWPL6	20	—	—	—
		Group Marking Carrier	1492-GM35	25	1492-GM35	25	25
Marking Systems		Snap-In Marker Cards	1492-M6X10 (120/card)	5	1492-SM5X10 (144/card)	5	5
		Snap-In Marker Cards	1492-M6X5 (200/card)	5	1492-M5X5 (200/card)	5	5

* Used to electrically connect 2 levels of 1492-LTF3

Spring-Clamp Connection Terminal Blocks

Specialty Feed-Through Blocks

	1492-LD2C			1492-LD3C				1492-LD4C		
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.										
	Two-level feed-through terminal block with commoning bar			Two-level feed-through terminal block with commoning bar				Two-level feed-through terminal block with commoning bar		
Specifications										
Certifications										
Voltage Rating	300V AC/DC 600V AC/DC 500V AC/DC			600V AC/DC 800V AC/DC 550V AC/DC				600V AC/DC 800V AC/DC		
Maximum Current	10 A			20 A 25 A 24 A 22 A				25 A 30 A 32 A		
Wire Range (Rated Cross Section)	#28...16 AWG 1.5 mm ²			#30...12 AWG 2.5 mm ² 0.5...2.5 mm ² (#20...14 AWG)				#26...10 AWG 4 mm ²		
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)				0.39 in. (10 mm)		
Density	87 pcs/ft (285 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)		
Terminal Blocks		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Color:	Grey	1492-LD2C	50		1492-LD3C	25		1492-LD4C	25	
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-EBLD2	50		1492-EBLD3	20		1492-EBLD4	20	
End Anchors and Retainers										
Screwless End Retainer		1492-ERL35	20		1492-ERL35	20		1492-ERL35	20	
DIN Rail — Normal Duty		1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35	100	
DIN Rail — Heavy Duty		1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35	50	
Jumpers:										
Plug-in Center Jumper — 50-Pole		—	—		1492-CJK5-50	10		—	—	
Plug-in Center Jumper — 10-Pole		1492-CJL4-10	20		1492-CJK5-10	20		1492-CJK6-10	20	
Plug-in Center Jumper — 9-Pole		—	—		1492-CJK5-9	20		1492-CJK6-9	20	
Plug-in Center Jumper — 8-Pole		—	—		1492-CJK5-8	20		1492-CJK6-8	20	
Plug-in Center Jumper — 7-Pole		—	—		1492-CJK5-7	20		1492-CJK6-7	20	
Plug-in Center Jumper — 6-Pole		—	—		1492-CJK5-6	20		1492-CJK6-6	20	
Plug-in Center Jumper — 5-Pole		1492-CJL4-5	60		1492-CJK5-5	20		1492-CJK6-5	20	
Plug-in Center Jumper — 4-Pole		1492-CJL4-4	60		1492-CJK5-4	60		1492-CJK6-4	60	
Plug-in Center Jumper — 3-Pole		1492-CJL4-3	60		1492-CJK5-3	60		1492-CJK6-3	60	
Plug-in Center Jumper — 2-Pole		1492-CJL4-2	60		1492-CJK5-2	60		1492-CJK6-2	60	
Other Accessories:										
Reducing Sleeves 28...24 AWG (0.13...0.2 mm ²) White		1492-PSL2-2	100		1492-PSLS2-2	100		—	—	
Reducing Sleeves 22...20 AWG (0.13...0.2 mm ²) Grey		1492-PSL2-5	100		1492-PSLS2-5	100		—	—	
Test Plug		1492-TPL4	25		—	—		1492-TP23	20	
Electrical Warning Plate		1492-EWPL4	20		—	—		1492-EWPL6	20	
Group Marking Carrier		1492-GM35	25		1492-GM35	25		1492-GM35	25	
Marking Systems:										
Snap-In Marker Cards		1492-M3X12 (120/card)*	5		1492-M5X10 (144/card)	5		1492-M6X10 (120/card)	5	
Snap-In Marker Cards		1492-M3X5 (100/card)	5		1492-M5X5 (200/card)	5		1492-M6X5 (200/card)	5	

* May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

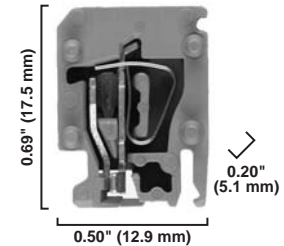
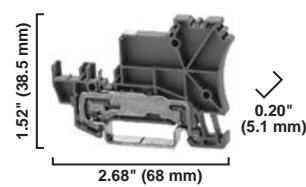
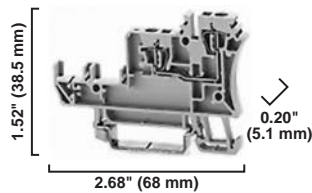
Sensor Blocks (3-Wire)

1492-LS2-3*
1492-LS2-3L*

1492-LSG2-3*

1492-LS2-BR
1492-LS2-B
1492-LSG2

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 conductor sensor block base for plug in distribution blocks			3 conductor sensor ground block base for plug in distribution blocks			Plug in Distribution blocks — internally jumpered		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating (without LED)	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Voltage Rating (with LED)	5...30V AC/DC			—			5...30V AC/DC		
Maximum Current	10 A		17.5 A	10 A		17.5 A	10 A		17.5 A
Wire Range (Rated Cross Section)	#26...14 AWG		1.5 mm ²	#26...14 AWG		1.5 mm ²	#26...14 AWG		1.5 mm ²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)			0.39 in. (10 mm)		
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)		
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.			
Color:									
Grey (Without LED)	1492-LS2-3	50	—	—	—	—			
Grey (With LED)	1492-LS2-3L	50	—	—	—	—			
Green/Yellow	—	—	1492-LSG2-3	20	1492-LSG2	100			
Brown	—	—	—	—	1492-LS2-BR	100			
Blue	—	—	—	—	1492-LS2-B	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	—	—			
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 Barriers	Grey	1492-EBLS2-3	50	1492-EBLS2-3	50	Not required			
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	—	—			
Jumpers:									
Plug-in Center Jumper — 50-Pole	1492-CJK5-50	10	—	—	—	—			
Plug-in Center Jumper — 10-Pole	1492-CJK5-10	20	—	—	—	—			
Plug-in Center Jumper — 9-Pole	1492-CJK5-9	20	—	—	—	—			
Plug-in Center Jumper — 8-Pole	1492-CJK5-8	20	—	—	—	—			
Plug-in Center Jumper — 7-Pole	1492-CJK5-7	20	—	—	—	—			
Plug-in Center Jumper — 6-Pole	1492-CJK5-6	20	—	—	—	—			
Plug-in Center Jumper — 5-Pole	1492-CJK5-5	20	—	—	—	—			
Plug-in Center Jumper — 4-Pole	1492-CJK5-4	60	—	—	—	—			
Plug-in Center Jumper — 3-Pole	1492-CJK5-3	60	—	—	—	—			
Plug-in Center Jumper — 2-Pole	1492-CJK5-2	60	—	—	—	—			
Other Accessories:									
Reducing Sleeves 28...24 AWG (0.13...0.2 mm ²) White	1492-PSLS2-2	100	—	—	1492-PSLS2-2	100			
Reducing Sleeves 22...20 AWG (0.25...0.5 mm ²) Grey	1492-PSLS2-5	100	—	—	1492-PSLS2-5	100			
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25			
Marking Systems:									
Snap-In Marker Cards	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	—	—			

* A combination of 2 distribution blocks must be used with each base block.

Spring-Clamp Connection Terminal Blocks

Sensor Blocks (4-Wire)

1492-LS2-4*
1492-LS2-4L*

1492-LSG2-4*

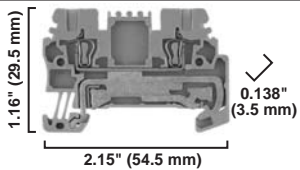
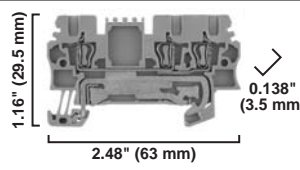
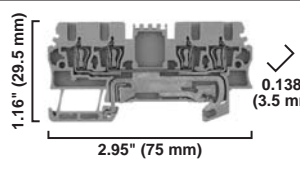



1492-LS2-BR
1492-LS2-B
1492-LSG2

<p>Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.</p>						
	<p>4 conductor sensor block base for plug in distribution blocks</p>		<p>4 conductor sensor ground block base for plug in distribution blocks</p>		<p>Plug In Distribution blocks — internally jumpered</p>	
Specifications						
Certifications		CSA	IEC		CSA	IEC
Voltage Rating (without LED)	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Voltage Rating (with LED)	5...30V AC/DC		—		5...30V AC/DC	
Maximum Current	10 A		17.5 A	10 A		17.5 A
Wire Range (Rated Cross Section)	#26...14 AWG		1.5 mm ²	#26...14 AWG		1.5 mm ²
Wire Strip Length	0.39 in. (10 mm)		0.39 in. (10 mm)		0.39 in. (10 mm)	
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)	
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color:	Grey (Without LED)	1492-LS2-4	50	—	—	—
	Grey (With LED)	1492-LS2-4L	50	—	—	—
	Green/Yellow	—	—	1492-LSG2-4	20	1492-LSG2
	Brown	—	—	—	—	1492-LS2-BR
	Blue	—	—	—	—	1492-LS2-B
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	—
	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 Barriers	Grey	1492-EBLS2-4	50	1492-EBLS2-4	50	Not required
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	—
Jumpers:						
	Plug-in Center Jumper — 50-Pole	1492-CJK5-50	10	—	—	—
	Plug-in Center Jumper — 10-Pole	1492-CJK5-10	20	—	—	—
	Plug-in Center Jumper — 9-Pole	1492-CJK5-9	20	—	—	—
	Plug-in Center Jumper — 8-Pole	1492-CJK5-8	20	—	—	—
	Plug-in Center Jumper — 7-Pole	1492-CJK5-7	20	—	—	—
	Plug-in Center Jumper — 6-Pole	1492-CJK5-6	20	—	—	—
	Plug-in Center Jumper — 5-Pole	1492-CJK5-5	20	—	—	—
	Plug-in Center Jumper — 4-Pole	1492-CJK5-4	60	—	—	—
	Plug-in Center Jumper — 3-Pole	1492-CJK5-3	60	—	—	—
	Plug-in Center Jumper — 2-Pole	1492-CJK5-2	60	—	—	—
Other Accessories:						
	Reducing Sleeves 28...24 AWG (0.13...0.2 mm ²) White	1492-PSLS2-2	100	—	—	1492-PSLS2-2
	Reducing Sleeves 22...20 AWG (0.25...0.5 mm ²) Grey	1492-PSLS2-5	100	—	—	1492-PSLS2-5
	Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35
Marking Systems:						
	Snap-In Marker Cards	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	—

* A combination of 3 distribution blocks must be used with each base block.

Spring-Clamp Connection Terminal Blocks

Grounding Blocks

	1492-LG2				1492-LG2T				1492-LG2Q			
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 Ground Block				Feed-through Ground Block with 2 points on one side				Feed-through Ground Block with 2 points on each side			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	#26...14 AWG	1.5 mm ²	1.5 mm ² (20...16 AWG)		#26...14 AWG	1.5 mm ²	1.5 mm ² (20...16 AWG)		#26...14 AWG	1.5 mm ²	1.5 mm ² (20...16 AWG)	
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.39 in. (10 mm)			
Density	87 pcs/ft (285 pcs/m)				87 pcs/ft (285 pcs/m)				87 pcs/ft (285 pcs/m)			
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)			
Terminal Blocks		Cat. No.	Pkg Qty.			Cat. No.	Pkg Qty.			Cat. No.	Pkg Qty.	
Color: Green/Yellow		1492-LG2	50			1492-LG2T	50			1492-LG2Q	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 Symmetrical 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 Yellow		1492-EBL2-Y	50			1492-EBL2T-Y	50			1492-EBL2Q-Y	50	
End Anchors and Retainers												
Screwless End Retainer		1492-ERL35	20			1492-ERL35	20			1492-ERL35	20	
DIN Rail — Normal Duty		1492-EAJ35	100			1492-EAJ35	100			1492-EAJ35	100	
DIN Rail — Heavy Duty		1492-EAHJ35	50			1492-EAHJ35	50			1492-EAHJ35	50	
Other Accessories:												
Reducing Sleeves 28...24 AWG (0.13...0.2 mm ²) White		1492-PSL2-2	100			1492-PSL2-2	100			1492-PSL2-2	100	
Reducing Sleeves 22...20 AWG (0.13...0.2 mm ²) Grey		1492-PSL2-5	100			1492-PSL2-5	100			1492-PSL2-5	100	
Test Plug (Stackable)		1492-TPL4	25			1492-TPL4	25			1492-TPL4	25	
Group Marking Carrier		1492-GM35	25			1492-GM35	25			1492-GM35	25	
Marking Systems:												
Snap-In Marker Cards		1492-M3X12 (120/card)	5			1492-M3X12 (120/card)	5			1492-M3X12 (120/card)	5	
Snap-In Marker Cards		1492-M3X5 (100/card)	5			1492-M3X5 (100/card)	5			1492-M3X5 (100/card)	5	

Spring-Clamp Connection Terminal Blocks

Grounding Blocks, Continued

	1492-LG3				1492-LG3T				1492-LG3Q			
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	<i>Feed-through Ground Block</i>				<i>Feed-through Ground Block with 2 points on one side</i>				<i>Feed-through Ground Block with 2 points on each side</i>			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	—				—				—			
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	#30...12 AWG	#26...12 AWG	2.5 mm ²	2.5 mm ² (20...12 AWG)	#30...12 AWG	#26...12 AWG	2.5 mm ²	2.5 mm ² (20...12 AWG)	#30...12 AWG	#26...12 AWG	2.5 mm ²	2.5 mm ² (20...12 AWG)
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.39 in. (10 mm)			
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)			
Terminal Blocks	Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.	
Color: Green/Yellow	1492-LG3		50		1492-LG3T		50		1492-LG3Q		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 Symmetrical DIN (Aluminum)	1492-DR6		2		1492-DR6		2		1492-DR6		2	
1 m Symmetrical Heavy Duty DIN (Steel)	199-DR9		5		199-DR9		5		199-DR9		5	
End Barrier Yellow	1492-EBL3-Y		50		1492-EBL3T-Y		50		1492-EBL3Q-Y		50	
End Anchors and Retainers:												
Screwless End Retainer	1492-ERL35		20		1492-ERL35		20		1492-ERL35		20	
DIN Rail — Normal Duty	1492-EAJ35		100		1492-EAJ35		100		1492-EAJ35		100	
DIN Rail — Heavy Duty	1492-EAHJ35		50		1492-EAHJ35		50		1492-EAHJ35		50	
Other Accessories:												
Reducing Sleeves 30...24 AWG (0.13...0.2 mm ²) White	1492-PSL3-2		100		1492-PSL3-2		100		1492-PSL3-2		100	
Reducing Sleeves 22...20 AWG (0.25...0.5 mm ²) Grey	1492-PSL3-5		100		1492-PSL3-5		100		1492-PSL3-5		100	
Reducing Sleeves 18 AWG (0.75...1.0 mm ²) Dark Grey	1492-PSL3-10		100		1492-PSL3-10		100		1492-PSL3-10		100	
Test Plug	1492-TP23		20		1492-TP23		20		1492-TP23		20	
Test Plug (Stackable)	1492-TPL5		25		1492-TPL5		25		1492-TPL5		25	
Group Marking Carrier	1492-GM35		25		1492-GM35		25		1492-GM35		25	
Marking Systems:												
Snap-In Marker Cards	1492-M5X10 (144/card)		5		1492-M5X10 (144/card)		5		1492-M5X10 (144/card)		5	
Snap-In Marker Cards	1492-M5X5 (200/card)		5		1492-M5X5 (200/card)		5		1492-M5X5 (200/card)		5	
Hinged Marker Cards	1492-MH5X10 (96/card)		5		1492-MH5X10 (96/card)		5		1492-MH5X10 (96/card)		5	
Hinged Marker Cards	1492-MH5X15 (96/card)		5		1492-MH5X15 (96/card)		5		1492-MH5X15 (96/card)		5	

Spring-Clamp Connection Terminal Blocks

Grounding Blocks, Continued

	1492-LG4				1492-LG4T				1492-LG4Q			
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 Ground Block				Feed-through Ground Block with 2 points on one side				Feed-through Ground Block with 2 points on each side			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	#26...10 AWG	4 mm ²	4 mm ²	4 mm ² (20... 10 AWG)	#26...10 AWG	4 mm ²	4 mm ²	4 mm ² (20... 12 AWG)	#26...10 AWG	4 mm ²	4 mm ²	4 mm ² (20... 12 AWG)
Wire Strip Length	0.47 in. (12 mm)				0.47 in. (12 mm)				0.47 in. (12 mm)			
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)			
Terminal Blocks	Cat. No.	Pkg Qty.			Cat. No.	Pkg Qty.			Cat. No.	Pkg Qty.		
Color: Green/Yellow	1492-LG4	50			1492-LG4T	50			1492-LG4Q	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 Symmetrical 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 Yellow	1492-EBL4-Y	50			1492-EBL4T-Y	50			1492-EBL4Q-Y	50		
End Anchors and Retainers												
Screwless End Retainer	1492-ERL35	20			1492-ERL35	20			1492-ERL35	20		
DIN Rail — Normal Duty	1492-EAJ35	100			1492-EAJ35	100			1492-EAJ35	100		
DIN Rail — Heavy Duty	1492-EAHJ35	50			1492-EAHJ35	50			1492-EAHJ35	50		
Other Accessories:												
Reducing Sleeves 26...24 AWG (0.13...0.2 mm ²) White	1492-PSL4-2	100			1492-PSL4-2	100			1492-PSL4-2	100		
Reducing Sleeves 22...20 AWG (0.25...0.5 mm ²) Grey	1492-PSL4-5	100			1492-PSL4-5	100			1492-PSL4-5	100		
Reducing Sleeves 18 AWG (0.75...1.0 mm ²) Dark Grey	1492-PSL4-10	100			1492-PSL4-10	100			1492-PSL4-10	100		
Test Plug	1492-TP23	20			1492-TP23	20			1492-TP23	20		
Test Plug (Stackable)	1492-TPL6	25			1492-TPL6	25			1492-TPL6	25		
Group Marking Carrier	1492-GM35	25			1492-GM35	25			1492-GM35	25		
Marking Systems:												
Snap-In Marker Cards	1492-M6X10 (120/card)	5			1492-M6X10 (120/card)	5			1492-M6X10 (120/card)	5		
Snap-In Marker Cards	1492-M6X5 (200/card)	5			1492-M6X5 (200/card)	5			1492-M6X5 (200/card)	5		
Hinged Marker Cards	1492-MH6X12 (80/card)	5			1492-MH6X12 (80/card)	5			1492-MH6X12 (80/card)	5		

Spring-Clamp Connection Terminal Blocks

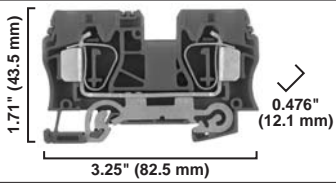
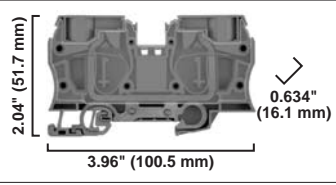
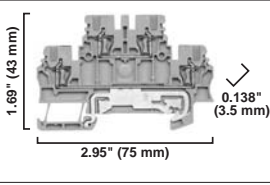











Grounding Blocks, Continued

	1492-LG6				1492-LG6T				1492-LG10			
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	<i>Feed-through Ground Block</i>				<i>Feed-through Ground Block with 2 points on one side</i>				<i>Feed-through Ground Block</i>			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
Wire Range (Rated Cross Section)	#22...8 AWG	#20...8 AWG	6 mm ²	6 mm ² (20...8 AWG)	#22...8 AWG	#20...8 AWG	6 mm ²	6 mm ² (20...10 AWG)	#16...6 AWG	10 mm ²	10 mm ² (16...8 AWG)	10 mm ² (16...8 AWG)
Wire Strip Length	0.51 in. (13 mm)				0.51 in. (13 mm)				0.70 in. (18 mm)			
Density	37 pcs/ft (123 pcs/m)				37 pcs/ft (123 pcs/m)				30 pcs/ft (99 pcs/m)			
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)			
Terminal Blocks	Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.	
Color: Green/Yellow	1492-LG6		50		1492-LG6T		50		1492-LG10		25	
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 Symmetrical 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 Yellow	1492-EBL6-Y		50		1492-EBL6T-Y		50		1492-EBL10-Y		20	
End Anchors and Retainers	1492-ERL35		20		1492-ERL35		20		1492-ERL35		20	
Screwless End Retainer	1492-EAJ35		100		1492-EAJ35		100		1492-EAJ35		100	
DIN Rail — Normal Duty	1492-EAHJ35		50		1492-EAHJ35		50		1492-EAHJ35		50	
DIN Rail — Heavy Duty	1492-EAHJ35		50		1492-EAHJ35		50		1492-EAHJ35		50	
Other Accessories:	1492-TPL8		25		1492-TPL8		25		1492-TP23		20	
Test Plug	1492-TPL8		25		1492-TPL8		25		1492-TP23		20	
Group Marking Carrier	1492-GM35		25		1492-GM35		25		1492-GM35		25	
Marking Systems:	1492-MR8X12 (84/card)		5		1492-M6X12 (120/card)		5		1492-M6X12 (120/card)		5	
Snap-In Marker Cards*	1492-MR8X12 (84/card)		5		1492-M6X12 (120/card)		5		1492-M6X12 (120/card)		5	
Snap-In Marker Cards	1492-M8X5 (160/card)		5		1492-M8X5 (160/card)		5		1492-M8X5 (160/card)		5	
Hinged Marker Cards	1492-MH6X12 (80/card)		5		1492-MH6X12 (80/card)		5		1492-MH5X15 (96/card)		5	

* May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

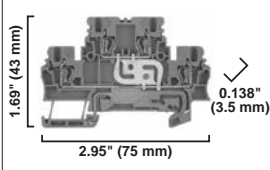
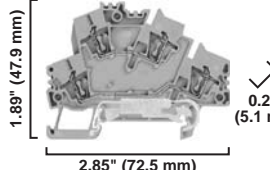
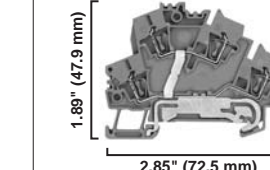
Grounding Blocks, Continued

	1492-LG16				1492-LG35				1492-LDG2		
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 Ground Block				Feed-through Ground Block				Two-Circuit Block with 1 Feed-Through and 1 Ground Circuit		
Certifications											
Voltage Rating	—				—				300V AC/DC		500V AC/DC
Maximum Current	Grounding				Grounding				10 A		17.5 A
Wire Range (Rated Cross Section)	#14...6 AWG	#14...4 AWG	16 mm ²	16 mm ² (16...6 AWG)	#12...2 AWG	35 mm ²	35 mm ² (#14...2 AWG)	#28...16 AWG	1.5 mm ²		
Wire Strip Length	0.70 in. (18 mm)				0.98 in. (25 mm)				0.31 in. (8 mm)		
Density	25 pcs/ft (82 pcs/m)				18 pcs/ft (62 pcs/m)				87 pcs/ft (285 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)		
Terminal Blocks	Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.
Color: Green/Yellow	1492-LG16		25		1492-LG35		10		—		—
Grey	—		—		—		—		1492-LDG2		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 Heavy Duty DIN (Steel, Unslotted)	199-DR4		5		199-DR4		5		199-DR4		5
1 m Symmetrical DIN (Aluminum)	1492-DR5		10		1492-DR5		10		1492-DR5		10
1 m Hi-Rise Symmetrical 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
1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)	1492-DR8		5		1492-DR8		5		1492-DR8		5
1 m Symmetrical Heavy Duty DIN (Steel)	1492-DR9		5		1492-DR9		5		1492-DR9		5
End Barrier	Yellow	1492-EBL16-Y		20	Integrated		—		—		—
Grey	—		—		—		—		1492-EBLD2		50
End Anchors and Retainers	1492-ERL35		20		1492-ERL35		20		1492-ERL35		20
Screwless End Retainer	1492-EAJ35		100		1492-EAJ35		100		1492-EAJ35		100
DIN Rail — Normal Duty	1492-EAHJ35		50		1492-EAHJ35		50		1492-EAHJ35		50
DIN Rail — Heavy Duty	—		—		—		—		1492-PSL2-2		100
Other Accessories:	—		—		—		—		1492-PSL2-5		100
Reducing Sleeves 26...24 AWG (0.13...0.2 mm ²) White	—		—		—		—		1492-TP23		25
Reducing Sleeves 22...20 AWG (0.25...0.5 mm ²) Grey	1492-TP23		20		1492-TP23		20		1492-TPL4		25
Test Plug	—		—		—		—		1492-EWPL4		20
Electrical Warning Plate	1492-GM35		25		1492-GM35		25		1492-GM35		25
Group Marking Carrier	1492-M7X12 (108/card)		5		1492-M7X12 (108/card)		5		1492-M3X12 (120/card)		5
Marking Systems:	1492-M8X5 (160/card)		5		1492-M8X5 (160/card)		5		1492-M3X5 (100/card)		5
Snap-In Marker Cards*	1492-MH5X15 (96/card)		5		1492-MH5X10 (96/card)		—		—		—
Snap-In Marker Cards	—		—		—		—		—		—
Hinged Marker Cards	—		—		—		—		—		—

* May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

Grounding Blocks, Continued

	1492-LDG2C			1492-LDG3				1492-LDG3C				
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-Circuit, Two-level Ground Block with 2 Connection Points on Each Side			Two-Circuit Block with 1 Feed-through and 1 Ground Circuit				Single-Circuit, Two-level Ground Block with 2 Connection Points on Each Side				
Certifications		CSA	IEC		CSA	IEC	ATEX		CSA	IEC	ATEX	
Voltage Rating	—	—	—	600V AC/DC		800V AC/DC	550V AC/DC	—	—	—	—	
Maximum Current	Grounding			20 A	25 A	24 A	20 A	Grounding				
Wire Range (Rated Cross Section)	#28...16 AWG		1.5 mm ²	#26...12 AWG	#30...12 AWG	2.5 mm ²	0.5...2.5 mm ² (#20...14 AWG)	#26...12 AWG	#30...12 AWG	2.5 mm ²	0.5...2.5 mm ² (20...14 AWG)	
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)				0.39 in. (10 mm)				
Density	87 pcs/ft (285 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)				
Terminal Blocks		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.
Color: Green/Yellow		1492-LDG2C	50	—	—	—	—	1492-LDG3C	25	—	—	—
Grey		—	—	1492-LDG3	25	—	—	—	—	—	—	—
Accessories		Cat. No.	Pkg Qty.		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	199-DR1	10	199-DR1	10	199-DR1
1 m Symmetrical DIN (Aluminum)		1492-DR5	10	1492-DR5	10	1492-DR5	10	1492-DR5	10	1492-DR5	10	1492-DR5
1 m Hi-Rise Symmetrical DIN (Aluminum)		1492-DR6	2	1492-DR6	2	1492-DR6	2	1492-DR6	2	1492-DR6	2	1492-DR6
1 m Angled Hi-Rise Sym. DIN (Steel)		1492-DR7	2	1492-DR7	2	1492-DR7	2	1492-DR7	2	1492-DR7	2	1492-DR7
End Barrier Yellow		1492-EBLD2-Y	20	—	—	—	—	1492-EBLD3-Y	20	—	—	—
Grey		—	—	1492-EBLD3	20	—	—	—	—	—	—	—
End Anchors and Retainers												
Screwless End Retainer		1492-ERL35	20	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20	1492-ERL35
DIN Rail — Normal Duty		1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35
DIN Rail — Heavy Duty		1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35
Other Accessories:												
Reducing Sleeves 26...24 AWG (0.13...0.2 mm ²) White		1492-PSL2-2	100	1492-PSLS2-2	100	1492-PSLS2-2	100	1492-PSLS2-2	100	1492-PSLS2-2	100	1492-PSLS2-2
Reducing Sleeves 22...20 AWG (0.25...0.5 mm ²) Grey		1492-PSL2-5	100	1492-PSLS2-5	100	1492-PSLS2-5	100	1492-PSLS2-5	100	1492-PSLS2-5	100	1492-PSLS2-5
Test Plug (Stackable)		1492-TPL4	25	—	—	—	—	—	—	—	—	—
Group Marking Carrier		1492-GM35	25	1492-GM35	25	1492-GM35	25	1492-GM35	25	1492-GM35	25	1492-GM35
Marking Systems:												
Snap-In Marker Cards*		1492-M3X12 (120/card)	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)
Snap-In Marker Cards		1492-M3X5 (100/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)

* May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

Grounding Blocks, Continued

	1492-LDG4			1492-LDG4C		
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	<i>Two-Circuit Block with 1 Feed-Through and 1 Ground Circuit</i>			<i>Single-Circuit, Two-level Ground Block with 2 Connection Points on Each Side</i>		
Certifications		CSA	IEC		CSA	IEC
Voltage Rating	600V AC/DC			800V AC/DC		
Maximum Current	25 A	30 A	32 A	Grounding		
Wire Range (Rated Cross Section)	#26...10 AWG		4 mm ²	#26...10 AWG		4 mm ²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
Density	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)		
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: Green/Yellow	—	—	1492-LDG4C	20	—	—
Grey	1492-LDG4	20	—	—	—	—
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		
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10		
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6	2	1492-DR6	2		
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2		
End Barrier Yellow	—	—	1492-EBLD4-Y	20		
Grey	1492-EBLD4	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		
Other Accessories:						
Test Plug	1492-TP23	20	—	—		
Electrical Warning Plate	1492-EWPL6	20	—	—		
Group Marking Carrier	1492-GM35	25	1492-GM35	25		
Marking Systems:						
Snap-In Marker Cards	1492-M6X10 (120/card)	5	1492-M6X10 (120/card)	5		
Snap-In Marker Cards	1492-M6X5 (200/card)	5	1492-M6X5 (200/card)	5		

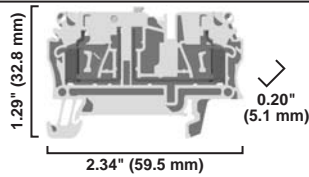
Spring-Clamp Connection Terminal Blocks

Isolation Blocks

1492-LKD3

Dimensions are not intended to be used for manufacturing purposes.

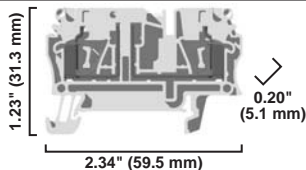
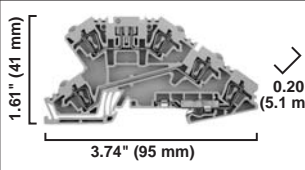
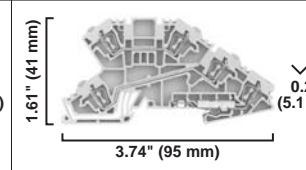



Note: Height dimension is measured from top of rail to top of terminal block.



Specifications	<i>Knife Disconnect Feed-through Terminal Block</i>		
Certifications		CSA	IEC
Voltage Rating	600V AC/DC	500V AC/DC	
Maximum Current	20 A	24 A	
Wire Range (Rated Cross Section)	#30...12 AWG	2.5 mm ²	
Wire Strip Length	0.39 in. (10 mm)		
Density	59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)		
Terminal Blocks	Cat. No.	Pkg Qty.	
Color	Grey	1492-LKD3	25
Accessories	Cat. No.	Pkg Qty.	
Mounting Rails			
1 m Symmetrical DIN (Steel)	199-DR1	10	
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	
End Barriers	Grey	1492-EBL3	50
End Anchors and Retainers			
Screwless End Retainer	1492-ERL35	20	
DIN Rail — Normal Duty	1492-EAJ35	100	
DIN Rail — Heavy Duty	1492-EAHJ35	50	
Jumpers			
Plug-in Center Jumper — 50-Pole	1492-CJK5-50	10	
Plug-in Center Jumper — 10-Pole	1492-CJK5-10	20	
Plug-in Center Jumper — 9-Pole	1492-CJK5-9	20	
Plug-in Center Jumper — 8-Pole	1492-CJK5-8	20	
Plug-in Center Jumper — 7-Pole	1492-CJK5-7	20	
Plug-in Center Jumper — 6-Pole	1492-CJK5-6	20	
Plug-in Center Jumper — 5-Pole	1492-CJK5-5	20	
Plug-in Center Jumper — 4-Pole	1492-CJK5-4	60	
Plug-in Center Jumper — 3-Pole	1492-CJK5-3	60	
Plug-in Center Jumper — 2-Pole	1492-CJK5-2	60	
Other Accessories			
Reducing Sleeves 28...24 AWG (0.13...0.2 mm ²) White	1492-PSL3-2	100	
Reducing Sleeves 22...20 AWG (0.25...0.5 mm ²) Grey	1492-PSL3-5	100	
Reducing Sleeves 18 AWG (0.75...1.0 mm ²) Dark Grey	1492-PSL3-10	100	
Test Plug	1492-TP23	20	
Test Plug (Stackable)	1492-TPL5	25	
Electrical Warning Plate	1492-EWPL5	20	
Group Marking Carrier	1492-GM35	25	
Marking Systems			
Snap-In Marker Cards	1492-M5X10 (144/card)	5	
Snap-In Marker Cards	1492-M5X5 (200/card)	5	

Spring-Clamp Connection Terminal Blocks

Plug-in Style Blocks (Cat. Nos. 1492-L3P, -LDG3P) and Analog Loop Control Block (Cat. No. 1492-LDAG3)

	1492-L3P			1492-LDG3P			1492-LDAG3		
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 Circuit Plug-In Component Block for a Variety of Components			Terminal Block with slot for Plug-In Component, Feed-Through Circuit and 1 Ground Connection			Analog Loop Control Terminal Block with 2 Feed-Through Circuits and 1 Ground Connection		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	600V AC/DC		500V AC/DC	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Maximum Current	20 A		24 A	10 A		20 A	10 A		24 A
Wire Range (Rated Cross Section)	#30...12 AWG		4 mm ²	#26...12 AWG		2.5 mm ²	#26...12 AWG		2.5 mm ²
Wire Strip Length	0.39 in. (10 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 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)		
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	
Color	Grey								
	1492-L3P	25	1492-LDG3P	25	1492-LDAG3	25			
Accessories	Cat. No.	Pkg Qty.	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 Symmetrical 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	1492-EBL3	50	1492-EBLDAG3	20	1492-EBLDAG3	20			
End Anchors and Retainers									
Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20			
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	1492-EAJ35	100			
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50			
Jumpers									
Plug-In Center Jumper — 50-pole	1492-CJK5-50	10	1492-CJLJ5-50	10	1492-CJLJ5-50	10			
Plug-In Center Jumper — 10-pole	1492-CJK5-10	20	1492-CJLJ5-10	20	1492-CJLJ5-10	20			
Plug-In Center Jumper — 9-pole	1492-CJK5-9	20	1492-CJLJ5-9	20	1492-CJLJ5-9	20			
Plug-In Center Jumper — 8-pole	1492-CJK5-8	20	1492-CJLJ5-8	20	1492-CJLJ5-8	20			
Plug-In Center Jumper — 7-pole	1492-CJK5-7	20	1492-CJLJ5-7	20	1492-CJLJ5-7	20			
Plug-In Center Jumper — 6-pole	1492-CJK5-6	20	1492-CJLJ5-6	20	1492-CJLJ5-6	20			
Plug-In Center Jumper — 5-pole	1492-CJK5-5	20	1492-CJLJ5-5	20	1492-CJLJ5-5	20			
Plug-In Center Jumper — 4-pole	1492-CJK5-4	60	1492-CJLJ5-4	60	1492-CJLJ5-4	60			
Plug-In Center Jumper — 3-pole	1492-CJK5-3	60	1492-CJLJ5-3	60	1492-CJLJ5-3	60			
Plug-In Center Jumper — 2-pole	1492-CJK5-2	60	1492-CJLJ5-2	60	1492-CJLJ5-2	60			
Other Accessories									
Disconnect Plug	1492-DPL	50	1492-DPL	50	—	—			
Component Plug	1492-CPL	50	1492-CPL	50	—	—			
Fuse Plug									
Without Blown Fuse Indicator	1492-FPK2	20	1492-FPK2	20	—	—			
10...36V Blown Fuse Indicator	1492-FPK224	20	1492-FPK224	20	—	—			
35...70V Blown Fuse Indicator	1492-FPK248	20	1492-FPK248	20	—	—			
60...150V Blown Fuse Indicator	1492-FPK2120	20	1492-FPK2120	20	—	—			
140...250V Blown Fuse Indicator	1492-FPK2250	20	1492-FPK2250	20	—	—			
Reducing Sleeves 28...24 AWG (0.13...0.2 mm ²) White	1492-PSL3-2	100	—	—	—	—			
Reducing Sleeves 22...20 AWG (0.25...0.5 mm ²) Grey	1492-PSL3-5	100	—	—	—	—			
Reducing Sleeves 18 AWG (0.75...1.0 mm ²) Dark Grey	1492-PSL3-10	100	—	—	—	—			
Test Plug	1492-TPL5	25	1492-TP23	20	—	—			
Electrical Warning Plate	1492-EWPL5	20	—	—	—	—			
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25			
Marking Systems									
Snap-In Marker Cards	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5	1492-M5X10 (144/card)	5			
Snap-In Marker Cards	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5	1492-M5X5 (200/card)	5			

Spring-Clamp Connection Terminal Blocks

Internal Component Blocks (Diode, Resistor, Surge Suppressor)

	1492-LD4DF*			1492-LD4DR*			1492-LD4RB...*		
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 an IN4007 diode in forward bias between the 2 levels.			Two-level terminal block with an IN4007 diode in reverse bias between the 2 levels.			Two-level terminal block with a selectable metal oxide film resistor value between the 2 levels.		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	600V AC/DC			600V AC/DC			600V AC/DC		
Maximum Current	25 A	30 A	32 A	25 A	30 A	32 A	25 A	30 A	32 A
Component Current/Wattage Rating*	1 A			1 A			0.25 W		
Wire Range (Rated Cross Section)	#26...10 AWG		4 mm ²	#26...10 AWG		4mm ²	#26...10 AWG		4mm ²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)			0.39 in. (10 mm)		
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)		
Terminal Blocks	Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Color Black	1492-LD4DF	1		1492-LD4DR	1		1492-LD4RB*	1	
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 Symmetrical 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-EBLD4	20		1492-EBLD4	20		1492-EBLD4	20	
End Anchors and Retainers									
Screwless End Retainer	1492-ERL35	20		1492-ERL35	20		1492-ERL35	20	
DIN Rail — Normal Duty	1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35	100	
DIN Rail — Heavy Duty	1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35	50	
Jumpers									
Plug-in Center Jumper — 10-pole	1492-CJK6-10	20		1492-CJK6-10	20		1492-CJK6-10	20	
Plug-in Center Jumper — 9-pole	1492-CJK6-9	20		1492-CJK6-9	20		1492-CJK6-9	20	
Plug-in Center Jumper — 8-pole	1492-CJK6-8	20		1492-CJK6-8	20		1492-CJK6-8	20	
Plug-in Center Jumper — 7-pole	1492-CJK6-7	20		1492-CJK6-7	20		1492-CJK6-7	20	
Plug-in Center Jumper — 6-pole	1492-CJK6-6	20		1492-CJK6-6	20		1492-CJK6-6	20	
Plug-in Center Jumper — 5-pole	1492-CJK6-5	20		1492-CJK6-5	20		1492-CJK6-5	20	
Plug-in Center Jumper — 4-pole	1492-CJK6-4	60		1492-CJK6-4	60		1492-CJK6-4	60	
Plug-in Center Jumper — 3-pole	1492-CJK6-3	60		1492-CJK6-3	60		1492-CJK6-3	60	
Plug-in Center Jumper — 2-pole	1492-CJK6-2	60		1492-CJK6-2	60		1492-CJK6-2	60	
Other Accessories									
Test Plug	1492-TP23	20		1492-TP23	20		1492-TP23	20	
Group Marking Carrier	1492-GM35	25		1492-GM35	25		1492-GM35	25	
Marking Systems									
Snap-In Marker Cards	1492-M6X10 (120/card)	5		1492-M6X10 (120/card)	5		1492-M6X10 (120/card)	5	
Snap-In Marker Cards	1492-M6X5 (200/card)	5		1492-M6X5 (200/card)	5		1492-M6X5 (200/card)	5	

* For component specifications, see page 12-89

* Cat. no. is incomplete. To complete the cat. no., see resistor value (10...4750 Ω).

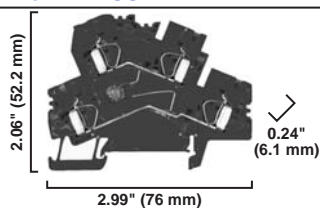
Spring-Clamp Connection Terminal Blocks

Internal Component Blocks (Diode, Resistor, Surge Suppressor)

1492-LD4SS*

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 an MOV between the 2 levels.		
Certifications		CSA	IEC
Voltage Rating	600V AC/DC		140V AC/DC
Nominal Working Voltage	120V		
Maximum Current	25 A	30 A	32 A
Wire Range (Rated Cross Section)	#26...10 AWG		4mm ²
Wire Strip Length	0.39 in. (10 mm)		
Density	49 pcs/ft (163 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)		
Terminal Blocks	Cat. No.	Pkg Qty.	
Color	Black	1492-LD4SS	1
Accessories	Cat. No.	Pkg Qty.	
Mounting Rails			
1 m Symmetrical DIN (Steel)	199-DR1	10	
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6	2	
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	
End Barrier	Grey	1492-EBLD4	20
End Anchors and Retainers			
Screwless End Retainer		1492-ERL35	20
DIN Rail — Normal Duty		1492-EAJ35	100
DIN Rail — Heavy Duty		1492-EAHJ35	50
Jumpers			
Plug-in Center Jumper — 10-pole		1492-CJK6-10	20
Plug-in Center Jumper — 9-pole		1492-CJK6-9	20
Plug-in Center Jumper — 8-pole		1492-CJK6-8	20
Plug-in Center Jumper — 7-pole		1492-CJK6-7	20
Plug-in Center Jumper — 6-pole		1492-CJK6-6	20
Plug-in Center Jumper — 5-pole		1492-CJK6-5	20
Plug-in Center Jumper — 4-pole		1492-CJK6-4	60
Plug-in Center Jumper — 3-pole		1492-CJK6-3	60
Plug-in Center Jumper — 2-pole		1492-CJK6-2	60
Other Accessories			
Test Plug		1492-TP23	20
Group Marking Carrier		1492-GM35	25
Marking Systems			
Snap-In Marker Cards		1492-M6X10 (120/card)	5
Snap-In Marker Cards		1492-M6X5 (200/card)	5

* For component specifications, see page 12-89.

Spring-Clamp Connection Terminal Blocks

Fuse Blocks

		1492-RFB4...			1492-RAFB4...		
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-circuit fuse terminal block with or without blown fuse indicator			Single-circuit fuse terminal block with or without blown fuse indicator		
Certifications			cUR	IEC		cUR	IEC
Maximum Current		15 A*	15 A*	15 A*	12 A	12 A	12 A
Wire Range (Rated Cross Section)		#22...12 AWG	#22...12 AWG	0.5...4 mm ²	#22...12 AWG	#22...12 AWG	0.5...4 mm ²
Voltage Rating		RFB4/RAFB4	300V AC/DC	500V AC/DC	300V AC/DC	500V AC/DC	
		RFB424/RAFB424	10...57V AC/DC		10...57V AC/DC		
		RFB4250/RAFB4250	85...264V AC		85...264V AC		
Indicator Type		RFB4/RAFB4	Non-indicating		Non-indicating		
		RFB424/RAFB424	LED		LED		
		RFB4250/RAFB4250	Neon		Neon		
Leakage Current		RFB4/RAFB4	—		—		
		RFB424/RAFB424	2 mA @ 24V		2 mA @ 24V		
		RFB4250/RAFB4250	1 mA @ 264V		1 mA @ 264V		
Fuse Size (Not Supplied)		5 x 20 mm			1/4 x 1 -1/4 in.		
Wire Strip Length		0.47 in. (12 mm)			0.47 in. (12 mm)		
Density		37 pcs/ft (125 pcs/m)			30 pcs/ft (100 pcs/m)		
Insulation Temperature Range		-4...+140 °F (-20...+60 °C)			-4...+221 °F (-40...+105 °C)		
Terminal Blocks		Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color	Black (Non-Indicating)	1492-RFB4	25	1492-RAFB4	25	1492-RAFB4	25
	Black (10...57V LED)	1492-RFB424	25	1492-RAFB424	25	1492-RAFB424	25
	Black (85...264V Neon)	1492-RFB4250	25	1492-RAFB4250	25	1492-RAFB4250	25
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		Not Required	—	Not Required	—	Not Required	—
End Retainers/Anchors							
	Screwless End Retainer	1492-ERL35	20	1492-ERL35	20	1492-ERL35	20
	DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	1492-EAHJ35	50
	Plug-in Center Jumper, 10-Pole	1492-CJR8-10	10	—	—	—	—
	Plug-in Center Jumper, 9-Pole	1492-CJR8-9	10	—	—	—	—
	Plug-in Center Jumper, 8-Pole	1492-CJR8-8	10	—	—	—	—
	Plug-in Center Jumper, 7-Pole	1492-CJR8-7	10	—	—	—	—
	Plug-in Center Jumper, 6-Pole	1492-CJR8-6	10	—	—	—	—
	Plug-in Center Jumper, 5-Pole	1492-CJR8-5	10	1492-CJRA10-5	10	1492-CJRA10-5	10
	Plug-in Center Jumper, 4-Pole	1492-CJR8-4	10	1492-CJRA10-4	10	1492-CJRA10-4	10
	Plug-in Center Jumper, 3-Pole	1492-CJR8-3	10	1492-CJRA10-3	10	1492-CJRA10-3	10
	Plug-in Center Jumper, 2-Pole	1492-CJR8-2	10	1492-CJRA10-2	10	1492-CJRA10-2	10
Center Jumper Link		1492-CJRL6	10	1492-CJRL5	10	1492-CJRL5	10
Other Accessories							
Accessories Group	Mounting Rails: Partition Plate	1492-GM35	25	1492-GM35	25	1492-GM35	25
Marking Carrier							
Marking Systems							
	Snap-in Marker for Block	1492-MS8X12 (56/card)	5	1492-MS8X12 (56/card)	5	1492-MS8X12 (56/card)	5
	Snap-in Marker for Handle	1492-MS6X9 (80/card)	5	1492-MS6X9 (80/card)	5	1492-MS6X9 (80/card)	5

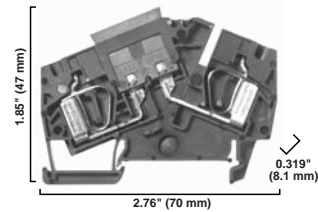
* IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

Spring-Clamp Connection Terminal Blocks

Single-Circuit Automotive Fuse Block

1492-LAFB6

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-circuit automotive style fuse terminal block with or without LED blown fuse indication		
Certifications		UL	CSA	IEC
Voltage Rating	-LAFB6	300V AC/DC		250V AC/DC
	-LAFB624	10...36V AC/DC		
Maximum Current		30 A	25 A	30 A
Wire Range (Rated Cross Section)		#26...12 AWG	#22... 10 AWG	0.5...6 mm ²
Wire Strip Length		0.394 in. (10 mm)		
Density		37 pcs/ft (123 pcs/m)		
Housing Temperature Range		-58...+248 °F (-50...+120 °C)		
Terminal Blocks		Cat. No.	Pkg Qty.	
Color	Black (Without blown fuse indication)	1492-LAFB6	25	
	Black (With blown fuse indication)	1492-LAFB624	25	
Accessories		Cat. No.	Pkg Qty.	
Mounting Rails				
1 m Symmetrical DIN (Steel)		199-DR1	10	
1 m Symmetrical DIN (Aluminum)		1492-DR5	10	
1 m Hi-Rise Sym. DIN (Aluminum)		1492-DR6	2	
1 m Angled Hi-Rise Sym. DIN (Steel)		1492-DR7	2	
End Barrier	Black	1492-EBLAFB6	50	
End Anchors				
Screwless End Retainer		1492-ERL35	20	
DIN Rail - Normal Duty		1492-EAJ35	100	
Din Rail - Heavy Duty		1492-EAHJ35	50	
Jumpers				
Plug-in Center Jumper — 32-Pole		1492-CJL8-32	10	
Plug-in Center Jumper — 4-Pole		1492-CJL8-4	60	
Plug-in Center Jumper — 3-Pole		1492-CJL8-3	60	
Plug-in Center Jumper — 2-Pole		1492-CJL8-2	60	
Test Adapter		1492-TPL8	25	
Group Marking				
Rail Mount Group Marking Carrier		1492-GM35	25	
End Anchor Top Marker Carrier*		1492-GMC	50	
Cat. No. 1492-GMC Top Marker Tag		1492-M5X30(20/card)	5	
Marking Systems				
Snap-in Marker Cards		1492-M5X8 (144/card)	5	
Snap-In Marker Cards		1492-M6X5 (200/card)	5	

* The Bulletin 1492-GMC marker carrier installs directly on the top of a 1492-EAJ35 end anchor or a 1492-ERL35 end retainer for group marking purposes.

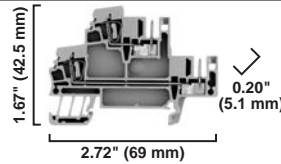
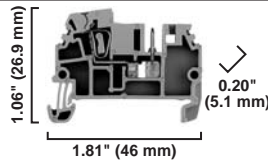
Spring-Clamp Connection Terminal Blocks

Plug-in Connection Blocks

1492-LC3

1492-LDC3

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	1492-LC3			1492-LDC3		
Feed-through terminal block with plug in comb connection on one side.				Two Circuit terminal block with plug in comb connection on one side of each circuit		
Certifications		CSA	IEC		CSA	IEC
Voltage Rating	300V AC/DC		250V AC/DC	300V AC/DC		250V AC/DC
Maximum Current	10 A		16 A	10 A		16 A
Wire Range (Rated Cross Section)	#26...12 AWG		2.5 mm ²	#26...14 AWG		2.5 mm ²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
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 Gray	1492-LC3	50		1492-LDC3	50	
Plug Connection Strips	Cat. No.	Pkg Qty.		Cat. No.	Pkg Qty.	
Color/Quantity Black/2-Pole	1492-QP5-2	100		1492-QP5-2	100	
Black/3-Pole	1492-QP5-3	100		1492-QP5-3	100	
Black/4-Pole	1492-QP5-4	100		1492-QP5-4	100	
Black/5-Pole	1492-QP5-5	50		1492-QP5-5	50	
Black/6-Pole	1492-QP5-6	50		1492-QP5-6	50	
Black/7-Pole	1492-QP5-7	50		1492-QP5-7	50	
Black/8-Pole	1492-QP5-8	50		1492-QP5-8	50	
Black/9-Pole	1492-QP5-9	50		1492-QP5-9	50	
Black/10-Pole	1492-QP5-10	50		1492-QP5-10	50	
Black/11-Pole	1492-QP5-11	50		1492-QP5-11	50	
Black/12-Pole	1492-QP5-12	50		1492-QP5-12	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 Barriers Grey	1492-EBLC3	20		1492-EBLDC3	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	
Jumpers						
Plug-in Center Jumper — 50-Pole	1492-CJLJ5-50	10		1492-CJLJ5-50	10	
Plug-in Center Jumper — 10-Pole	1492-CJLJ5-10	20		1492-CJLJ5-10	20	
Plug-in Center Jumper — 9-Pole	1492-CJLJ5-9	20		1492-CJLJ5-9	20	
Plug-in Center Jumper — 8-Pole	1492-CJLJ5-8	20		1492-CJLJ5-8	20	
Plug-in Center Jumper — 7-Pole	1492-CJLJ5-7	20		1492-CJLJ5-7	20	
Plug-in Center Jumper — 6-Pole	1492-CJLJ5-6	20		1492-CJLJ5-6	20	
Plug-in Center Jumper — 5-Pole	1492-CJLJ5-5	20		1492-CJLJ5-5	20	
Plug-in Center Jumper — 4-Pole	1492-CJLJ5-4	60		1492-CJLJ5-4	60	
Plug-in Center Jumper — 3-Pole	1492-CJLJ5-3	60		1492-CJLJ5-3	60	
Plug-in Center Jumper — 2-Pole	1492-CJLJ5-2	60		1492-CJLJ5-2	60	
Other Accessories						
Group Marking Carrier	1492-GM35	25		1492-GM35	25	
Marking Systems						
Snap-In Marker Cards	1492-M5X10 (144/card)	5		1492-M5X10 (144/card)	5	
Snap-In Marker Cards	1492-M5X5 (200/card)	5		1492-M5X5 (200/card)	5	
Hinged Marker Card	1492-MH5X10 (96/card)	5		—	—	

Spring-Clamp Connection Terminal Blocks

2-Level Neutral Disconnect and Installations/Short-Circuit Current Ratings

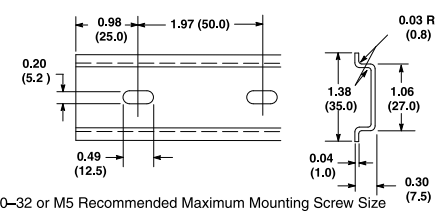
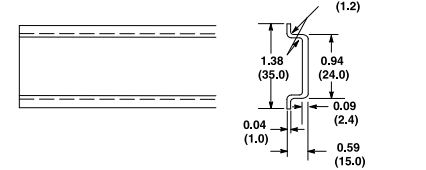
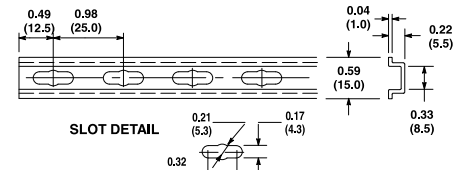
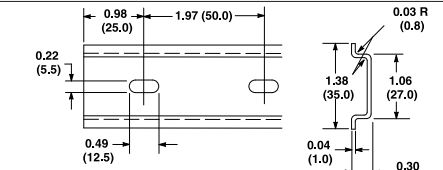
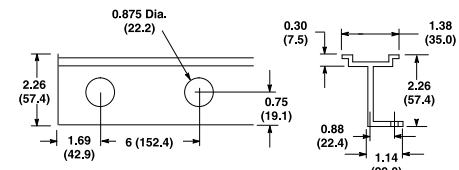
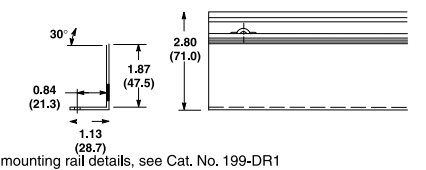
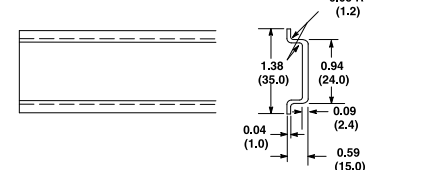
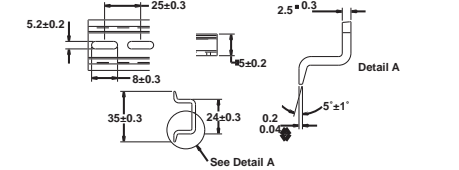
	1492-LDG3ND	1492-LD3N	1492-LDG3N			
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.						
Specifications	3-Level terminal block with neutral disconnect and ground connection		2-Level feed-through terminal block for installation applications			
Certifications	CSA	CSA	CSA			
Voltage Rating	300V AC/DC / 400V AC/DC		300V AC/DC / 400V AC/DC			
Maximum Current	10 A / 24 A		10 A / 24 A			
Wire Range (Rated Cross Section)	#26...12 AWG / 2.5 mm ²		#26...12 AWG / 2.5 mm ²			
Wire Strip Length	0.31 in. (8 mm)		0.31 in. (8 mm)			
Density	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)			
Short-Circuit Current Rating	See this page					
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	—	—	—	—
Group Marking Carrier	1492-GM35	25	1492-GM35	25	1492-GM35	25
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.

Short-Circuit Current Ratings — Fuse Ratings

Cat. No.	Wire CU AWG		Overcurrent Protection Fuse Required Class						SCCR, RMS Sym A 600V Max.
	Line	Load	J	T	RK1	RK5	G	CC	
			Max. Amp Rating [A]						
1492-L3, -L3Q, -L3T	14...12	14...12	30	30	—	—	30	30	100 000
1492-L4, -L4Q, -L4T	14...10	14...10	60	60	30	—	30	30	100 000
1492-L6, -L6T	14...8	14...8	60	60	30	—	60	30	100 000
1492-L10	14...6	14...6	100	100	60	30	60	30	100 000
1492-L16	14...4	14...4	100	100	60	30	60	30	100 000
1492-L35	12...2	12...2	200	200	100	30	60	30	100 000

Mounting rails allow many blocks to be fastened in a panel with only a few screws to anchor the rail to the panel. Mounting rails allow easy installation and removal of a block in a row.

Cat. No.	Description	Pkg Qty.	Dimensions*
199-DR1	Symmetrical Rail 35 mm x 7.5 mm 3.28 ft (1 m) long Zinc-Plated, Yellow Chromated Steel EN50022 DIN #3	10	
199-DR2	Same as 199-DR1, but length = 2 m	100	#10-32 or M5 Recommended Maximum Mounting Screw Size
199-DR4	Heavy Duty Symmetrical Rail 35 mm x 15 mm 3.28 ft (1 m) long Zinc-Plated, Yellow Chromated Steel EN50022 DIN #3	5	
1492-DR3	Mini 15 mm x 5.5 mm Rail 3.28 ft (1 m) long Zinc-Plated, Yellow Chromated Steel EN50045 DIN #2	5	
			SLOT DETAIL #8-32 or M4 Recommended Maximum Mounting Screw Size
1492-DR5	Symmetrical Rail 35 mm x 7.5 mm 3.28 ft (1 m) long Copper-Free Aluminum EN50022 For Bul. 1492 Terminal Blocks Only DIN #3	10	
			#12-24 or M5 Recommended Maximum Mounting Screw Size
1492-DR6*	Symmetrical Rail 35 mm x 7.5 mm 2.26 in. (57.4 mm) high 3.28 ft (1 m) long Copper-Free Aluminum For Bul. 1492 Terminal Blocks Only DIN #3	2	
			Wire insulator plug for wire access through rail — use Heyco UB875
1492-DR7*	Symmetrical Rail 35 mm x 7.5 mm 2.80 in. (71.0 mm) high 3.28 ft (1 m) long Angled 30° Zinc-Plated, Chromated Steel DIN #3	2	
			For mounting rail details, see Cat. No. 199-DR1
1492-DR8	Symmetrical Rail 35 mm x 15 mm 2.80 in. (71.0 mm) high 3.28 ft (1 m) long Copper DIN #3	2	
1492-DR9 †	Symmetrical Rail 35 mm x 15 mm 3.28 ft (1 m) long Zinc-Plated, Yellow Chromated Steel EN50022 DIN #3	2	

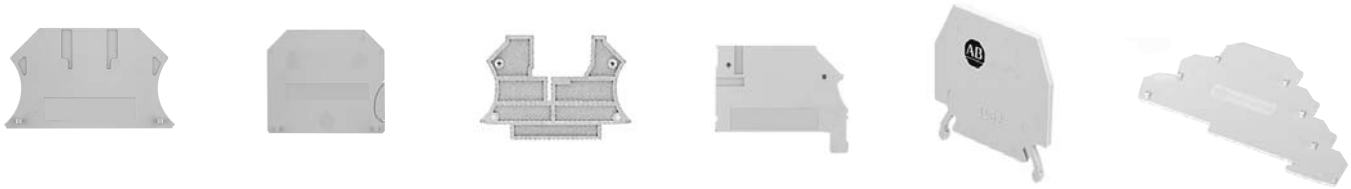
* Dimensions shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

* 0.218 x 0.50 in. (5.5 x 12.7 mm) slotted mounting holes every 3 in. (76.2 mm) starting 1.69 in. (42.9 mm) from end.

† Dimensions in millimeters.

End barriers are required to provide the necessary insulation for the last terminal block in a group.

For Screw Type Products



Dimensions Width x Length x Height	For Use With	Color	Pkg Qty.	Cat. No.
0.06 x 1.31 x 2.36 in. (1.5 x 33.35 x 60 mm)	1492-J3, J4, J6, J10, J2Q, J3TW, J4M, J3F, JG2Q, JG3, JG3TW, JKD3, JKD3TP, J3P, J3PTP, JTC3...	Grey	50	1492-EBJ3
		Blue	50	1492-EBJ3-B
		Yellow	50	1492-EBJ3-Y
0.06 x 1.93 x 2.36 in. (1.5 x 49 x 60 mm)	1492-J16, J35	Grey	20	1492-EBJ16
		Blue	20	1492-EBJ16-B
		Yellow	20	1492-EBJ16-Y
0.06 x 2.41 x 3.46 in. (1.5 x 61.25 x 87.8 mm)	1492-JB3TM	Grey	20	1492-EBJ3TM
0.06 x 2.15 x 2.72 in. (1.5 x 54.5 x 69 mm)	1492-JD3, JD3C, JD3F, JD3DF, JD3DR, JD3RC001, JD3SS	Grey	20	1492-EBJD3
		Blue	20	1492-EBJD3-B
		Yellow	20	1492-EBJD3-Y
0.06 x 1.59 x 2.90 in. (1.5 x 40.5 x 73.7 mm)	1492-JD3FB	Grey	20	1492-EBJD3FB
0.06 x 1.61 x 2.44 in. (1.5 x 41 x 62 mm)	1492-J4Q	Grey	50	1492-EBJ4Q
		Yellow	50	1492-EBJ4Q-Y
0.06 x 1.61 x 2.72 in. (1.5 x 41 x 69 mm)	1492-J4TW	Grey	50	1492-EBJ4TW
		Yellow	50	1492-EBJ4TW-Y
0.06 x 2.12 x 2.36 in. (1.5 x 53.9 x 60 mm)	1492-JD4, JD4C	Gray	20	1492-EBJD4
		Blue	20	1492-EBJD4-B
		Yellow	20	1492-EBJD4-Y
0.08 x 1.22 x 2.34 in. (2 x 31 x 59.5 mm)	1492-JSD4	Grey	50	1492-EBJSD4
0.10 x 1.45 x 1.77 in. (2.5 x 36.7 x 45 mm)	1492-JC3	Grey	10 Start Barriers / 10 End Barriers	1492-BKJC3
0.10 x 1.78 x 2.28 in. (2.5 x 45.2 x 58 mm)	1492-JDC3	Grey	10 Start Barriers / 10 End Barriers	1492-BKJDC3
0.06 x 3.15 x 2.31 in. (1.5 x 80.2 x 58.8 mm)	1492-JD3P, JD3PTP, JD3PSS, JD3PSSTP, JDG3P, JDG3PTP, JDG3PSS, JDG3PSSSTP		20	1492-EBJD3P
0.06 x 1.10 x 0.97 in. (1.5 x 28 x 24.6 mm)	1492-WM3		50	1492-EBM3
0.06 x 1.22 x 1.09 in. (1.5 x 31 x 27.7 mm)	1492-WM4		50	1492-EBM4
0.06 x 1.65 x 1.32 in. (1.5 x 42 x 33.5 mm)	1492-WMD1	Grey	50	1492-EBMD1
0.06 x 1.77 x 1.61 in. (1.5 x 45 x 41 mm)	1492-W6, W10, W16S, WG6, WG10S, WG16S	Yellow	50	1492-EB3-Y
		Grey	50	1492-EB10
		Yellow	50	1492-EB10-Y
0.06 x 1.65 x 2.19 in. (1.5 x 42 x 55.5 mm)	1492-WR3	Grey	50	1492-EBR3
0.06 x 1.79 x 1.64 in. (1.5 x 45.4 x 41.6 mm)	1492-W4TW		50	1492-EB3TW
0.06 x 3.51 x 1.74 in. (1.5 x 89.1 x 44.1 mm)	1492-WTF3...		50	1492-EBTF3
0.06 x 2.61 x 1.74 in. (1.5 x 66.2 x 44.1 mm)	1492-WTS3...		50	1492-EBTS3
0.11 x 2.81 x 1.96 in. (2.8 x 71.4 x 49.8 mm)	1492-H4, H5, H6, H7		Black	50



For Spring-Clamp Products

Dimensions Width x Length x Height	For Use With	Color	Pkg Qty.	Cat. No.
0.08 x 1.14 x 2.03 in. (2 x 28.9 x 51.5 mm)	1492-L2, LG2	Grey	50	1492-EBL2
		Blue	50	1492-EBL2-B
		Yellow	50	1492-EBL2-Y
0.08 x 1.14 x 2.48 in. (2 x 28.9 x 63 mm)	1492-L2T, LG2T	Grey	50	1492-EBL2T
		Blue	50	1492-EBL2T-B
		Yellow	50	1492-EBL2T-Y
0.08 x 1.14 x 2.95 in. (2 x 28.9 x 75 mm)	1492-L2Q, LG2Q	Grey	50	1492-EBL2Q
		Blue	50	1492-EBL2Q-B
		Yellow	50	1492-EBL2Q-Y
0.08 x 1.15 x 2.34 in. (2 x 29.1 x 59.5 mm)	1492-L3, LG3, LKD3, L3P	Grey	50	1492-EBL3
		Blue	50	1492-EBL3-B
		Yellow	50	1492-EBL3-Y
0.08 x 1.20 x 2.54 in. (2 x 30.6 x 64.5 mm)	1492-L3T, LG3T	Grey	50	1492-EBL3T
		Blue	50	1492-EBL3T-B
		Yellow	50	1492-EBL3T-Y
0.08 x 1.20 x 3.11 in. (2 x 30.6 x 79 mm)	1492-L3Q, L3QS, LG3Q	Grey	50	1492-EBL3Q
		Blue	50	1492-EBL3Q-B
		Yellow	50	1492-EBL3Q-Y
0.08 x 1.37 x 2.44 in. (2 x 34.85 x 62 mm)	1492-L4, LG4	Grey	50	1492-EBL4
		Blue	50	1492-EBL4-B
		Yellow	50	1492-EBL4-Y
0.08 x 1.37 x 3.31 in. (2 x 34.85 x 84 mm)	1492-L4T, LG4T	Grey	50	1492-EBL4T
		Blue	50	1492-EBL4T-B
		Yellow	50	1492-EBL4T-Y
0.08 x 1.37 x 4.13 in. (2 x 34.85 x 105 mm)	1492-L4Q, LG4Q	Grey	50	1492-EBL4Q
		Blue	50	1492-EBL4Q-B
		Yellow	50	1492-EBL4Q-Y
0.08 x 1.45 x 2.56 in. (2 x 36.95 x 65 mm)	1492-L6, LG6	Grey	50	1492-EBL6
		Blue	50	1492-EBL6-B
		Yellow	50	1492-EBL6-Y
0.08 x 1.45 x 3.54 in. (2 x 36.95 x 90 mm)	1492-L6T, LG6T	Grey	50	1492-EBL6T
		Blue	50	1492-EBL6T-B
		Yellow	50	1492-EBL6T-Y
0.12 x 1.67 x 2.89 in. (3 x 42.5 x 73.5 mm)	1492-L10, LG10	Grey	20	1492-EBL10
		Blue	20	1492-EBL10-B
		Yellow	20	1492-EBL10-Y
0.12 x 1.71 x 3.25 in. (3 x 43.5 x 82.5 mm)	1492-L16, LG16	Grey	20	1492-EBL16
		Blue	20	1492-EBL16-B
		Yellow	20	1492-EBL16-Y
—	1492-LAFB6	Black*	25	1492-LAFB6
0.08 x 1.65 x 2.95 in. (2 x 41.9 x 75 mm)	1492-LD2, LDG2, LD2C, LDG2C	Grey	50	1492-EBLD2
		Blue	20	1492-EBLD2-B
		Yellow	20	1492-EBLD2-Y
0.08 x 1.87 x 2.85 in. (2 x 47.5 x 72.5 mm)	1492-LD3, LD3C, LDG3, LDG3C	Grey	20	1492-EBLD3
		Blue	20	1492-EBLD3-B
		Yellow	20	1492-EBLD3-Y
0.08 x 2.05 x 2.99 in. (2 x 52 x 76 mm)	1492-LD4, LD4C, LDG4, LDG4C, LD4DF, LD4DR, LD4RB..., LD4SS	Grey	20	1492-EBLD4
		Blue	20	1492-EBLD4-B
		Yellow	20	1492-EBLD4-Y

For Spring-Clamp Products, 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
			50	1492-EBLS2-3
0.06 x 2.69 x 1.77 in. (5 x 68.5 x 45 mm)	1492-LS2-3, LS2-3L, LSG2-3	Grey	50	1492-EBLS2-4
			20	1492-EBLDAG3
0.20 x 3.2 x 1.77 in. (5 x 81.5 x 45 mm)	1492-LS2-4, LS2-4L, LSG2-4	Grey	20	1492-EBLC3
			20	1492-EBLDC3
0.06 x 1.81 x 3.74 in. (1.5 x 46 x 95 mm)	1492-LDAG3, LDG3P	Grey	20	1492-EBLDC3
			20	1492-EBLDC3
0.10 x 1.04 x 1.81 in. (2.5 x 26.4 x 46 mm)	1492-LC3	Grey	20	1492-EBLDC3
			20	1492-EBLDC3
0.10 x 1.65 x 2.72 in. (2.5 x 41.85 x 69 mm)	1492-LDC3	Grey	20	1492-EBLDC3
			20	1492-EBLDC3






* Without blown fuse indication.

IEC Terminal Block Accessories

End Anchors and 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.

End Anchors and End Retainers

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

Partition Plates

Partition plates allow visual and electrical separation of terminal groups and provide the necessary electrical spacing between adjacent insulated jumpers or between exposed ends of cut jumpers.



Dimensions Width x Length x Height	For Use With	Color	Pkg Qty.	Cat. No.
0.118 x 3.15 x 2.48 in. (3 x 80 x 63 mm)	1492-JD3, JD3C, JD3F, JD3DF, JD3DR, JD3RC..., JD3SS	Grey	20	1492-PPJD3
0.005 x 3.54 x 2.51 in. (0.13 x 90.1 x 63.8 mm)	1492-JD3P..., JDG3P...	Natural	20	1492-PPJD3P
0.08 x 1.57 x 1.20 in. (2 x 40 x 30.5 mm)	1492-WM3, WM4, WMG3, WMG4	Grey	50	1492-PPM3
0.014 x 2.28 x 1.51 in. (0.35 x 58 x 38.3 mm)	1492-WMD1	Grey	50	1492-PPMD1
0.06 x 1.85 x 1.57 in. (1.5 x 47 x 40 mm)	1492-W3, W4, WG4	Grey	50	1492-PP3
0.06 x 2.17 x 1.81 in. (1.5 x 55 x 46 mm)	1492-W6, W10, W16S, W4TW, WG6, WG10S, WG16S	Grey	50	1492-PP10
0.014 x 2.88 x 1.85 in. (0.35 x 73.2 x 47.1 mm)	1492-WTF3..., WTS3...	Beige	50	1492-PPTS3
0.06 x 1.93 x 2.36 in. (1.5 x 49 x 60 mm)	1492-J3, J4, J6, J10, J2Q, J3TW, J3F, JG2Q, JG3, JG3TW, JKD3, JKD3TP, J3P, J3PTP, JTC3	Grey	20	1492-EBJ16
		Blue	20	1492-EBJ16-B
		Yellow	20	1492-EBJ16-Y

Separation Plates

Separation plates consist of flexible thermoplastic material and are used between terminal blocks to isolate adjacent center jumpers both visually and electrically. Separation plates must be used between adjacent center jumpers to obtain full rated isolation voltage.



Dimensions Width x Length x Height	For Use With	Color	Pkg Qty.	Cat. No.
0.014 x 1.76 x 1.57 in. (0.35 x 44.8 x 40.0 mm)	1492-W3, W4	Beige	50	1492-SP3
—	All 1492-FPK2 Fuse Plugs	Beige	50	1492-SPJ3

IEC Terminal Block Accessories

Jumpers

Jumpers use the terminal block wire openings. Multi-pole jumpers can be cut into a smaller number of poles. Many jumpers carry 100% of rated terminal block current. The back of IEC style jumpers are insulated with plastic. An adjacent partition plate provides the necessary electrical spacings between adjacent jumpers or between exposed ends of cut jumpers.

Center Jumpers — Screw Type

These center jumpers are insulated and are available in 2-...50-pole configurations. They mount without screws into the both Spring-Clamp terminal blocks and some screw terminal blocks.

Note: The following rules apply when going across different potentials with jumpers cut out.

1. Always de-rate to 400V
2. Always use a partition plate where a cut jumper strip may leave a live end exposed

Center Jumpers — Screwless Type

These center jumpers are insulated and are available in 2-...50-pole configurations. They mount without screws into the both Spring-Clamp terminal blocks and some screw terminal blocks.



Note: When using multiple screwless jumpers in 1492-J3, 1492-J2Q, or 1492-J4 terminal blocks, the following rules apply when going across different potentials with jumpers cut out.

1. When using all 3 channels, or 2 side-by-side channels, de-rate to 125V
2. When using 2 outside channels (leaving the center channel open), de-rate to 400V
3. Always use a partition plate where a cut jumper strip may leave a live end exposed

Center Jumper Covers

Center jumper covers can be used as an extruded marking surface for circuit identification.


Center Jumper Configuration Plates

	For Use With	Color	Pkg Qty.	Cat. No.
	1492-L4 to 1492-L3Q, L3 1492-L6 to 1492-L3Q, L3	Beige	25	1492-LJS
	1492-L4 to 1492-L3T	Beige	25	1492-LJC

Side Jumpers

Pkg Qty.	Cat. No.
50	1492-SJ5A-10
50	1492-SJ5A-24
50	1492-SJ5B-10
50	1492-SJ5B-24
50	1492-SJLM5-2
10	1492-SJM5-10
10	1492-SJ5-10
50	1492-N42 (2-Pole)
10	1492-SJ6-10
5	1492-SJ6A-50
10	1492-SJ8-10
50	1492-SJ8A-4
50	1492-SJ8A-3
50	1492-SJ8A-2
10	1492-SJMD5-12 (Uninsulated)
10	1492-N49 (10-Pole Uninsulated)
10	1492-SJFB8-10
10	1492-SJS (Side Jumper Insulating Sleeve)

Step-Down Distribution Jumpers

	For Use With	Pkg Qty.	Cat. No.
	1492-J35 to 1492-J4 or J6	10	1492-CJJ16SD68
	1492-J16 to 1492-J4 or J6	10	1492-CJJ12SD68
	1492-J35 to 1492-J3	10	1492-CJJ16SD5
	1492-J16 to 1492-J3	10	1492-CJJ12SD5

Two-Level Jumper

(Connects Two Levels within a 1492-LTF3 Terminal Block)

Pkg Qty.	Cat. No.
20	1492-CJL5D

Note: When using multiple screwless jumpers in 1492-J3, -J2Q, or -J4 terminal blocks, the following rules apply when going across different potentials with jumpers cut out.

1. When using all 3 channels, or 2 side-by-side channels, de-rate to 125V
2. When using 2 outside channels (leaving the center channel open), de-rate to 400V



For Use With	Pkg Qty.	Cat. No.
1492-J3, JD3..., JDG3..., J2Q, J3TW, J3F, JD3F	50	1492-CJJ5-2
	50	1492-CJJ5-3
	50	1492-CJJ5-4
	20	1492-CJJ5-10
1492-J4, J4M	50	1492-CJJ6-2
	50	1492-CJJ6-3
	50	1492-CJJ6-4
	20	1492-CJJ6-10
1492-J6	50	1492-CJJ8-2
	50	1492-CJJ8-3
	50	1492-CJJ8-4
	20	1492-CJJ8-10
1492-J10	50	1492-CJJ10-2
	50	1492-CJJ10-3
	50	1492-CJJ10-4
	20	1492-CJJ10-10
1492-J16	20	1492-CJJ12-2
	20	1492-CJJ12-3
	20	1492-CJJ12-4
	10	1492-CJJ12-10
1492-J35	20	1492-CJJ16-2
	20	1492-CJJ16-3
	20	1492-CJJ16-4
	10	1492-CJJ16-10
1492-J50	10	1492-CJJ18-2
	10	1492-CJJ18-3
	10	1492-CJJ18-4
1492-J70	5	1492-CJJ20-2
	5	1492-CJJ20-3
	5	1492-CJJ20-4
1492-WM3	10	1492-CJM5-2
	10	1492-CJM5-3
	10	1492-CJM5-4
	10	1492-CJM5-5
	10	1492-CJM5-10
1492-W3, WM3, WR3, WTF3..., WTS3...	10	1492-CJL5 (Link)
1492-WR3	5	1492-CJD5-50
	10	1492-CJD5-2
	10	1492-CJD5-3
	10	1492-CJD5-4
	10	1492-CJD5-5
	10	1492-CJD5-10

Note: Notching out one or more jumper poles, with the notched jumpers going across different potentials, will require de-rating to 400V.

For Use With	Pkg Qty.	Cat. No.
1492-WM4	5	1492-CJD6-50
	10	1492-CJD6-2
	10	1492-CJD6-3
	10	1492-CJD6-4
	10	1492-CJD6-5
	10	1492-CJD6-10
	1492-WM4, W4TW	10
1492-W3	10	1492-CJ5-2
	10	1492-CJ5-3
	10	1492-CJ5-10
	20	1492-CJCW5 (CJ Cover)*
1492-WTF3..., WTS3...	5	1492-CJT5-50
	10	1492-CJT5-2
	10	1492-CJT5-3
	10	1492-CJT5-4
	10	1492-CJT5-5
	10	1492-CJT5-10
1492-W4, W4TW	5	1492-CJ6-50
	10	1492-CJ6-2
	10	1492-CJ6-3
	10	1492-CJ6-4
	10	1492-CJ6-5
	10	1492-CJ6-10
1492-W4	10	1492-CJL6 (Link)
1492-W4, W6, W10	20	1492-CJCW6 (CJ Cover)
1492-W6	5	1492-CJ7-40
	10	1492-CJ7-2
	10	1492-CJ7-3
	10	1492-CJ7-4
	10	1492-CJ7-5
	10	1492-CJ7-10
1492-W6	10	1492-CJL7 (Link)
1492-W10	5	1492-CJ8-40
	10	1492-CJ8-2
	10	1492-CJ8-3
	10	1492-CJ8-4
	10	1492-CJ8-5
	10	1492-CJ8-10
1492-W10	10	1492-CJL8 (Link)
1492-W16S	10	1492-CJS11-2
	10	1492-CJS11-3
	10	1492-CJS11-4
	10	1492-CJS11-5
	10	1492-CJS11-10

* May only be used as a marking surface. May not be installed over center jumper.

IEC Terminal Block Accessories

Jumpers, Continued



Screwless Center Jumpers

For Use With	Color	Pkg Qty.	Cat. No.
1492-L2..., L2T, L2Q, LD2, LD2C	Yellow	60	1492-CJL4-2
		60	1492-CJL4-3
		60	1492-CJL4-4
		60	1492-CJL4-5
		20	1492-CJL4-10
1492-LM3, LC3, LDC3, LDAG3, LDG3P, JKD3..., J3P..., J3, J3TW (see Note)	Yellow	60	1492-CJLJ5-2
	Red	60	1492-CJLJ5-2-R
	Blue	60	1492-CJLJ5-2-B
	Black	60	1492-CJLJ5-2-BL
	Yellow	60	1492-CJLJ5-3
	Red	60	1492-CJLJ5-3-R
	Blue	60	1492-CJLJ5-3-B
	Black	60	1492-CJLJ5-3-BL
	Yellow	60	1492-CJLJ5-4
		20	1492-CJLJ5-5
		20	1492-CJLJ5-6
		20	1492-CJLJ5-7
		20	1492-CJLJ5-8
		20	1492-CJLJ5-9
		20	1492-CJLJ5-10
	Red	20	1492-CJLJ5-10-R
	Blue	20	1492-CJLJ5-10-B
	Black	20	1492-CJLJ5-10-BL
	Yellow	10	1492-CJLJ5-50
	Red	10	1492-CJLJ5-50-R
Blue	10	1492-CJLJ5-50-B	
Black	10	1492-CJLJ5-50-BL	

Screwless Center Jumpers, Continued

For Use With	Color	Pkg Qty.	Cat. No.
1492-J4, J4M (see Note)	Yellow	60	1492-CJLJ6-2
	Red	60	1492-CJLJ6-2-R
	Blue	60	1492-CJLJ6-2-B
	Black	60	1492-CJLJ6-2-BL
	Yellow	60	1492-CJLJ6-3
	Red	60	1492-CJLJ6-3-R
	Blue	60	1492-CJLJ6-3-B
	Black	60	1492-CJLJ6-3-BL
	Yellow	60	1492-CJLJ6-4
	Yellow	20	1492-CJLJ6-10
	Red	20	1492-CJLJ6-10-R
	Blue	20	1492-CJLJ6-10-B
	Black	20	1492-CJLJ6-10-BL
	Yellow	10	1492-CJLJ6-41
	Red	10	1492-CJLJ6-41-R
	Blue	10	1492-CJLJ6-41-B
Black	10	1492-CJLJ6-41-BL	
1492-L6, L6T, L16D	Yellow	60	1492-CJL8-2
		60	1492-CJL8-3
		60	1492-CJL8-4
		10	1492-CJL8-32
1492-L10	Yellow	25	1492-CJL10-2
1492-L16	Yellow	25	1492-CJL12-2
1492-L35	Yellow	10	1492-CJL16-2
1492-L3, L3T, L3Q, L3P, LD3, LD3C, LKD3, LTF3, LS2..., L16D	Yellow	60	1492-CJK5-2
		60	1492-CJK5-3
		60	1492-CJK5-4
		20	1492-CJK5-5
		20	1492-CJK5-6
		20	1492-CJK5-7
		20	1492-CJK5-8
		20	1492-CJK5-9
		20	1492-CJK5-10
		10	1492-CJK5-50
1492-L4, L4T, L4Q, LD4DF, LD4DR, LD4SS, LD4, LD4C, L16D	Yellow	60	1492-CJK6-2
		60	1492-CJK6-3
		60	1492-CJK6-4
		20	1492-CJK6-5
		20	1492-CJK6-6
		20	1492-CJK6-7
		20	1492-CJK6-8
		20	1492-CJK6-9
		20	1492-CJK6-10
		20	1492-CJK6-20

Screwless Center Jumpers, Continued

For Use With	Pkg Qty.	Cat. No.
1492-RFB4	10	1492-CJR8-2
	10	1492-CJR8-3
	10	1492-CJR8-4
	10	1492-CJR8-5
	10	1492-CJR8-6
	10	1492-CJR8-7
	10	1492-CJR8-8
	10	1492-CJR8-9
	10	1492-CJR8-10
1492-RAFB4	10	1492-CJRA10-2
	10	1492-CJRA10-3
	10	1492-CJRA10-4
	10	1492-CJRA10-5

Side Jumpers

Pkg Qty.	Cat. No.
50	1492-SJ5A-10
50	1492-SJ5A-24
50	1492-SJ5B-10
50	1492-SJ5B-24
50	1492-SJLM5-2
10	1492-SJM5-10
10	1492-SJ5-10
50	1492-N42 (2-Pole)
10	1492-SJ6-10
5	1492-SJ6A-50
10	1492-SJ8-10
50	1492-SJ8A-4
50	1492-SJ8A-3
50	1492-SJ8A-2
10	1492-SJMD5-12 (Uninsulated)
10	1492-N49 (10-Pole Uninsulated)
10	1492-SJFB8-10
10	1492-SJS (Side Jumper Insulating Sleeve)

**Two-Level Jumper
 (Connects Two Levels within a 1492-LTF3 Terminal Block)**

Pkg Qty.	Cat. No.
20	1492-CJL5D

Note: When using multiple screwless jumpers in 1492-J3, -J2Q, or -J4 terminal blocks, the following rules apply when going across different potentials with jumpers cut out.

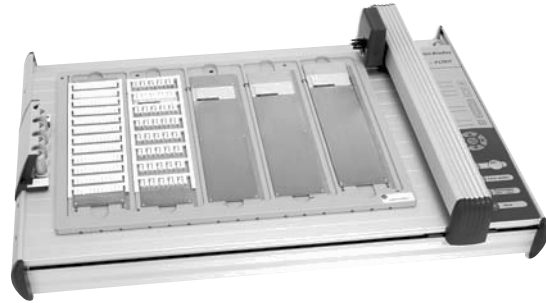
1. When using all 3 channels, or 2 side-by-side channels, de-rate to 125V
2. When using 2 outside channels (leaving the center channel open), de-rate to 400V

X-Y Plotter and Accessories

The flexible marking tool of the Allen-Bradley terminal block product line is the X-Y Plotter.

Advantages

- Plot partial marker cards
- Load up to five cards at a time (mix and match)
- Easy to use AB-Plot software
- Supported by Rockwell Automation and its extensive network of distributors
- Can print markers for terminal blocks, contactors, relays, and more










System Requirements

- Personal computer with at least an 80486 processor
- Microsoft Windows™ 98 or later
- Hard drive with at least 50 MB of space available
- One open parallel or USB communication port

IEC Marking System

Description	Pkg Qty.	Cat. No.
Plotter Kit Includes Series E Plotter, 1492-PLOTPEN25 ink pen, 1492-PLOTPLT plate, communication cables, user manuals, ABPLOT software, and power adaptor.	1	1492-PLTKIT
Plotter Pen Disposable pen, 0.25 mm tip	1	1492-PLOTPEN25
Plotter Pen Disposable pen, 0.35 mm tip	1	1492-PLOTPEN35
ABPLOT Plotter software CD ROM (recommend downloading latest version from AB.COM)	1	1492-PLOTSOFT
Plotter Ink Cartridge Requires 1492-PLPEN	1	1492-PLINKCART
Refillable pen Requires 1492-PLINKCART	1	1492-PLPEN
Pen Adaptor Adaptor for ultra fine Sharpie pens, includes 1 pen	1	1492-PLOTADPT
Cleaning Solution Used to unclog 1492-PLPEN, requires 1492-PLCLEAN	1	1492-PLSOLN
Cleaning Kit Container and cloth to unclog 1492-PLPEN, requires 1492-PLSOLN	1	1492-PLCLEAN
Service Kit Inserts and cleaning pads to replace in pen station	1	1492-PLOTSERV
Series E Adapter Plate (additional) 1 plate is already included with the Plotter kit	1	1492-PLOTPLT
Adaptor Plate For oversized markers (1492-MW5-21, -MW6-21, and MW7-21)	1	1492-PLOTPLTA
Adhesive Strips For 1492-PLOTPLT Series E	1	1492-PLOTSTRP
Plotter Adapter Plate For older series plotters needing 1492- style markers	1	1492-PLATE2

Blank Markers


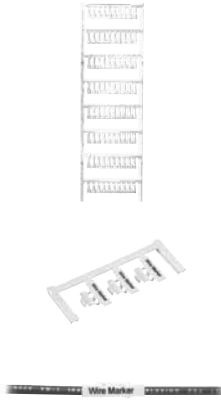

Photo	For Use With	Markers per Card	Marker Size	Pkg Qty.	Cat. No.
  	1492-L	100	3 x 5 mm	5	1492-M3X5
	1492-L	120	3 x 12 mm	5	1492-M3X12
	1492-J, L	200	5 x 5 mm	5	1492-M5X5
		144	5 x 8 mm	5	1492-M5X8
		144	5 x 10 mm	5	1492-M5X10
		144	5 x 12 mm	5	1492-M5X12
		96	5 x 15 mm	5	1492-M5X15
		20	5 x 30 mm	5	* 1492-M5X30
	1492-J, L	200	6 x 5 mm	5	1492-M6X5
	120	6 x 10 mm	5	1492-M6X10	
	1492-J, L, 1738 ArmorPoint™	120	6 x 12 mm	5	1492-M6X12
	1492-J, L	108	7 x 12 mm	5	1492-M7X12
		160	8 x 5 mm	5	1492-M8X5
	NEMA (1492-HM1, -HM2, -HM3) Terminal Blocks, 1492-CB Circuit Breakers	120	6 x 10 mm	5	1492-MN81
	NEMA (1492-HM3) Terminal Blocks, 1492-CB Circuit Breakers	40	10 x 10 mm	5	1492-MN83
	1492-W,R, 700-HA Relays	56	8 x 9 mm	5	1492-MS8X9
56		8 x 12 mm	5	1492-MS8X12	
700-HN204, -HN205, Relay Sockets	40	8 x 17 mm	5	1492-MS8X17	
1667 PanelConnect™	40	9 x 20 mm	5	1492-MS9X20	
100-C, -D Contactors, 700-CF Relays, 140 Circuit Breakers, 193-E1, -E3	40	10 x 17 mm	5	1492-MS10X17	
	1492-J, -L	120	5 x 8 mm	5	1492-MR5X8
		120	6 x 8 mm	5	1492-MR6X8
		120	5 x 12 mm	5	1492-MR5X12
		120	6 x 9 mm	5	1492-MR6X12
		84	6 x 12 mm	5	1492-MR8X12
	1492-WM3, -WMD1	80	5 x 5 mm	5	1492-MS5X5
	1492-W, 700-HA, 800F Contact Block	80	5 x 9 mm	5	1492-MS5X9
	1492-W, 700-H Relays	80	5 x 12 mm	5	1492-MS5X12
	1492-W, -R, 700-H Relays	80	6 x 9 mm	5	1492-MS6X9
	1492-W, 700-H Relays	80	6 x 12 mm	5	1492-MS6X12
	1492-L	96	5 x 10 mm	5	1492-MH5X10
		96	5 x 15 mm	5	1492-MH5X15
		80	6 x 12 mm	5	1492-MH6X12
	External Diameter (mm)				
	from 0.276 in. (from 7.0 mm)	32	9 x 24 mm*	5	1492-MW9X24
	from 0.276 in. (from 7.0 mm)	32	5 x 23 mm*	5	1492-MW10X23
	from 0.276 in. (from 7.0 mm)	32	8 x 23 mm*	5	1492-MW14X23
	from 0.276 in. (from 7.0 mm)	12	11 x 44 mm*	5	1492-MW11X60
	0.162...0.193 in. (4.1...4.9 mm)	32	5 x 21 mm‡	5	1492-MW5-21
	0.185...0.229 (0.268) in. (4.7...5.8 [6.8] mm)	32	6 x 21 mm‡	5	1492-MW6-21
0.229...0.276 (0.335) in. (5.8...7.0 [8.5] mm)	32	7 x 21 mm‡	5	1492-MW7-21	

* Requires cable ties.

* Requires Cat. No. 1492-GMC

‡ Requires Cat. No. 1492-PLOTPLTA

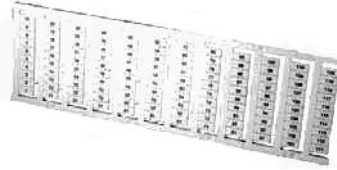
Blank Markers, Continued

Photo	For Use With	Markers per Card	Marker Size	Pkg Qty.	Cat. No.	
 <p>Self-Adhesive Markers 1492-MAS</p>	Self-adhesive for any equipment	40	9 x 17 mm	5	1492-MAS9X17	
	Bul. No. relays, self-adhesive for any equipment	40	6 x 15 mm	5	1492-MAS6X15	
	1760-PICO GFX-70 Cont., self-adhesive for any equipment	40	9 x 11 mm	5	1492-MAS9X11	
 <p>Wire Markers 1492-MWC</p>	0.059...0.098 in. (2.0...3.5 mm)/White	40	4.25 x 21 mm	5	1492-MWC1-21	
	0.078...0.138 in. (2.0...5.0 mm)/White	40	4.25 x 21 mm	5	1492-MWC3-21	
	0.098...0.197 in. (2.0...5.0 mm)/White	24	6 x 21 mm	5	1492-MWC4-21	
	0.059...0.098 in. (1.5...2.5 mm)/White	40	4.25 x 12 mm	5	1492-MWC1-12	
	0.059...0.098 in. (1.5...2.5 mm)/Blue	40	4.25 x 12 mm	5	1492-MWC1-12B	
	0.059...0.098 in. (1.5...2.5 mm)/Red	40	4.25 x 12 mm	5	1492-MWC1-12R	
	0.059...0.098 in. (1.5...2.5 mm)/Yellow	40	4.25 x 12 mm	5	1492-MWC1-12Y	
	0.078...0.138 in. (2.0...3.5 mm)/White	40	4.25 x 12 mm	5	1492-MWC3-12	
	0.078...0.138 in. (2.0...3.5 mm)/Blue	40	4.25 x 12 mm	5	1492-MWC3-12B	
	0.078...0.138 in. (2.0...3.5 mm)Red	40	4.25 x 12 mm	5	1492-MWC3-12R	
	0.098...0.197 in. (2.0...5.0 mm)/Yellow	24	6 x 12 mm	5	1492-MWC4-12	
	0.098...0.197 in. (2.0...5.0 mm)/Blue	24	6 x 12 mm	5	1492-MWC4-12B	
	0.098...0.197 in. (2.0...5.0 mm)/Red	24	6 x 12 mm	5	1492-MWC4-12R	
	0.098...0.197 in. (2.0...5.0 mm)/Yellow	24	6 x 12 mm	5	1492-MWC4-12Y	
	 <p>Snap-In Individual Markers for Rockwell Automation products and Competitive Terminal Blocks 1492-MC</p>	Wago	100	4 x 9 mm	5	1492-MCW4X9
		Phoenix, Entrlec, Telemacanique, Legrand	120	5 x 8 mm	5	1492-MC5X8
Wieland and Telemecanique		100	5 x 12 mm	5	1492-MC5X12	
Wago		100	5 x 9 mm	5	1492-MCW5X9F	
Wago		100	5 x 9 mm	5	1492-MCW5X5	
Wago		100	5 x 5 mm	5	1492-MCW6X9	
Phoenix		100	4 x 5 mm	5	1492-MC4X5	
Bul. No. 1492-FB fuse holder and Phoenix		100	5 x 5 mm	5	1492-MC5X5	
Bul. No. 1492-FB fuse holder and Phoenix		100	6 x 5 mm	5	1492-MC6X5	
Bul. No. 700-HL relays, and Phoenix, Wieland, Entrelec, Telemacanique, Legrand		120	6 x 10 mm	5	1492-MC6X10	
Phoenix and Entrelec		100	8 x 10 mm	5	1492-MC6X10	
Phoenix		100	7 x 5 mm	5	1492-MC7X5	
Phoenix		100	5 x 4 mm	5	1492-MC5X4	
Siemens		64	7 x 10 mm	5	1492-MCS7X10	
Siemens		64	6 x 10 mm	5	1492-MCS6X10	
Siemens		80	5 x 10 mm	5	1492-MCS5X10	
Siemens		64	7 x 7 mm	5	1492-MCS7X7	
Siemens	80	5 x 8 mm	5	1492-MCS5X8		
Siemens	64	6 x 8 mm	5	1492-MCS6X8		

1492 Pre-Printed Markers

Catalog Number Explanation

Pre-printed markers are packaged in quantities of 5 with a minimum order quantity of 5 cards.



1492 – M5x10 – H – 1-100 s
 a b c d

Marker Selection		
Code		
M3x5	MS6X9	MCS6X8
M3x12	MS6X12	MC6X10
M5x5	MS8X9	MCW1-12
M5x8	MS8X12	MCW3-12
M5x10	MS9X20	MCW4-12
M5x12	MS8X17	MAS9X17
M5x15	MS10X17	MAS6X15
M5X30	MC5X8	MAS9X11
M6x5	MC5X10	MW9X24
M6x10	MC5X12	MW10X23
M6x12	MCW4X9	MW14X23
M7x12	MCW5X9	MW11X60
M8x5	MCW5X9F	MW5-21
MR5X8	MCW5X5	MW6-21
MR6X8	MCW6X9	MW7-21
MR5X12	MC4X5	MWC1-21
MR6X12	MC5X5	MWC3-21
MR8x12	MC6X5	MWC4-21
MH5X10	MC8X10	MWC1-12B
MH5X15	MC7X5	MWC1-12R
MH6X12	MC5X4	MCW1-12Y
MMN81	MCS7X10	MWC3-12B
MN83	MCS5X10	MWC3-12R
MS5x5	MCS6X10	MWC3-12Y
MS5x9	MCS7X7	MWC4-12B
MS5X12	MCS5X8	MWC4-12R
		MWC4-12Y

Text Direction	
Code	Description
H	Horizontal Print
V	Vertical Print
HU	Horizontal Upside-down Print
VU	Vertical Upside-down Print
HR	Horizontal Print, reversed data for each column
VR	Vertical Print, reversed data for each column
HUR	Horizontal Upside-down Print, reversed data for each column
VUR	Vertical Upside-down Print, reversed data for each column
C	Custom

Single Sequence Printing	
All options in this section will print the defined sequence 1 time only and will leave the rest of the marker tags blank. (Example - Option 1-100S with a marker selection of M5x10 will print 1-100 and leave 44 blank markers).	
1-10S -or- 11-20S -or- 21-30S -or- ... -or- 491-500S	Block of 10 sequential numbering. Blocks of 10 within a range from 1...500.
1-20S -or- 21-40S -or- ... -or- 481-500S	Block of 20 sequential numbering. Blocks of 20 within a range from 1...500.
1-50S -or- 51-100S -or- ... -or- 451-500S	Block of 50 sequential numbering. Blocks of 50 within a range from 1...500.
1-100S -or- 101-200S -or- ... -or- 401-500S	Block of 100 sequential numbering. Blocks of 100 within a range from 1...500.

C

Printing Selection	
Straight Fill Printing	
Option 1-End will start at 1 and continue printing sequential numbers until the end of the card is reached.	
1-End	Sequential printing to end of card
L	Continuous printing "L" on card
L1	Continuous printing "L1" on card
L2	Continuous printing "L2" on card
L3	Continuous printing "L3" on card
U	Continuous printing "U" on card
V	Continuous printing "V" on card
W	Continuous printing "W" on card
PE	Continuous printing "PE" on card
GND	Continuous printing "GND" on card
Repeat Sequence Printing	
All Options in this section will print the defined sequence in a repeating fashion until all tags are filled. (Example - Option 1-100 with a marker selection of M5x10 will print 1-100 and 1-44.)	
1-10 -or- 11-20 -or- 21-30 -or- ... -or- 491-500	Block of 10 sequential numbering. Blocks of 10 within a range from 1...500.
1-20 -or- 21-40 -or- 41-60 -or- ... -or- 481-500	Block of 20 sequential numbering. Blocks of 20 within a range from 1...500.
1-50 -or- 51-100 -or- 101-150 -or- ... -or- 451-500	Block of 50 sequential numbering. Blocks of 50 within a range from 1...500.
1-100 -or- 101-200 -or- ... -or- 401-500	Block of 100 sequential numbering. Blocks of 100 within a range from 1...500.
Single Sequence Printing	
All options in this section will print the defined sequence 1 time only and will leave the rest of the marker tags blank. (Example - Option 1-100S with a marker selection of M5x10 will print 1-100 and leave 44 blank markers).	
1-10S -or- 11-20S -or- 21-30S -or- ... -or- 491-500S	Block of 10 sequential numbering. Blocks of 10 within a range from 1...500.
1-20S -or- 21-40S -or- ... -or- 481-500S	Block of 20 sequential numbering. Blocks of 20 within a range from 1...500.
1-50S -or- 51-100S -or- ... -or- 451-500S	Block of 50 sequential numbering. Blocks of 50 within a range from 1...500.
1-100S -or- 101-200S -or- ... -or- 401-500S	Block of 100 sequential numbering. Blocks of 100 within a range from 1...500.

IEC Terminal Block Accessories

Marking Systems, Continued

Custom Printed Marker Cards

1. Download the printer software (AB-Print) from the Allen-Bradley terminal block home page (<http://www.ab.com/industrialcontrols/products/>).
2. Create your custom marker card using the printer software and save your file in a computer.
3. Place the custom order by adding the letter “C” to the end of the marker cat. no. (Example: If the custom marker that was created in Step 2 is Cat. No. 1492-M6X12, an order will be placed with the new Cat. No. 1492-M6X12C.) Then, document the order number for Step 4.
4. E-mail the custom marker file to **RAMilwCustomMarkers@ra.rockwell.com**. Include the following items:
 - Allen Bradley order number (in the subject of the e-mail)
 - Created file (attached to the e-mail)
 - Quantity (the number of needed copies of the file)
 - Company information (with a contact name and number in the e-mail)



Plugs and Other Accessories

The sockets fit into the center bridge screw hole and allow easy connection of test plugs for circuit testing and troubleshooting.

Test Plugs — Spring-Clamp Terminal Blocks

2...12-pole Quick Connection Euro style plugs.

Operating Instructions — Spring-Clamp Terminal Blocks

Cat. No. 1492-QCLABEL is an adhesive set of visual operating instructions that is intended for installation on the inside of a panel. It illustrates to maintenance personnel the correct operation of Spring-Clamp terminal blocks.

Insulation Stops — Spring-Clamp Terminal Blocks

Protective insulation stops prevent the insulation on conductors from being introduced into clamp and current bar area.

Test Plug Sockets, Test Plugs, Test Plug Adapters, and Test Adapters

Sockets*

Photo	Pkg Qty.	Cat. No.
	20	1492-TPS23
	50	1492-TPS23L
	50	1492-TPS4L

* Required for testing Cat. No. 1492-J products with Cat. 1492-TP23 or 1492-TP40 test plugs.

Test Plugs

Photo	Pkg Qty.	Cat. No.
	20	⊛ 1492-TP23
	20	‡ 1492-TP40
	10	1492-TP28
	25	1492-TPCBM
	25	1492-TPCMB

⊛ Used in conjunction with Cat. No. 1492-TPS23 or 1492-TPS23L test sockets.

‡ Used in conjunction with Cat. No. 1492-TPS4L socket.

Test Plug Adapters

Photo	Pkg Qty.	Cat. No.
	10	1492-TA285
	10	1492-TA40
	10	1492-TA40L
	25	1492-TPL5P











Test Plugs (Stackable)

Photo	Markers§	Pkg Qty.	Cat. No.
	1492-M5X10, M5X5	25	1492-TPJ5
	1492-M5X10, M5X5	25	1492-TPJ6
	1492-M3X12, M3X5	25	1492-TPL4
	1492-M5X10, M5X5	25	1492-TPL5
	1492-M5X10, M5X5	25	1492-TPL6
	1492-M5X10, M5X5	25	1492-TPL8

§ Marker cover screws.


IEC Terminal Block Accessories

General Accessories


Photo	Description	For Use With	Pkg Qty.	Cat. No.
	Jumper Notching Tool*	1492-CJ...	1	1492-T1
	Unused Pin Cover on Connection Blocks	1492-JC3, JDC3	20	1492-PCJC3
	Disconnect Plug	1492-L3P, J3P..., JD3P..., JDG3P..., LD3R..., K2P, K3P	50	1492-DPL
	Plug-In Component Plug	1492-L3P, J3P..., JD3P..., JDG3P..., LD3R..., K2P, K3P	50	1492-CPL
	Fuse Plug — without Blown Fuse Indication	1492-L3P, J3P..., JD3P..., JDG3P..., LD3R..., K2P, K3P	20	* 1492-FPK2
	Fuse Plug — 10...36V Blown Fuse Indication		20	* 1492-FPK224
	Fuse Plug — 35...70V Blown Fuse Indication		20	* 1492-FPK248
	Fuse Plug — 60...150V Blown Fuse Indication		20	* 1492-FPK2120
	Fuse Plug — 140...250V Blown Fuse Indication		20	* 1492-FPK2250
	Mini-Block Jumper Insertion Tool‡	1492-LM	1	1492-TAL5-2
	DIN Rail Adapter Plate for LMP3 Mini-Blocks	1492-LMP3	50	1492-MFLM
	Auxiliary Circuit Tap for J70 Terminal Blocks	1492-J70	10	1492-J70A
	Terminal Block screwdriver with hardened 3mm diameter blade (Handle made from recycled material)	All 5...6 mm wide terminal blocks	5	1492-N90
	Wire cutting tool designed to attach directly to the shaft of the Cat. No. 1492-N90 screwdriver	1492-N90	1	1492-KWC

- * Used to trim poles from center jumpers and side jumpers.
- ‡ Used to install Cat. No. 1492-SJLM5-2 in mini blocks.
- * Use 5 x 20 mm fuses and are rated for AC and DC.


Plug-In and Sensor Connection Blocks

Photo	Wire Range	Tightening Torque	For Use With	Pkg Qty.	Cat. No.
	#22...12 AWG (2.5 mm ²)	3.5...4.4 lb•in. (0.4...0.5 N•m)	1492-JC3, JDC3, LC3, LDC3	100	1492-QP5-2
				100	1492-QP5-3
				100	1492-QP5-4
				50	1492-QP5-5
				50	1492-QP5-6
				50	1492-QP5-7
				50	1492-QP5-8
				50	1492-QP5-9
				50	1492-QP5-10
				50	1492-QP5-11
50	1492-QP5-12				

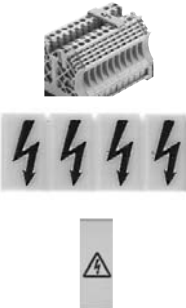

Sensor Connection Blocks

Photo	Color	Wire Range	For Use With	Pkg Qty.	Cat. No.
	Brown	#26...14 AWG (1.5 mm ²)	1492-LS2-3, LS2-3L, LSG2-3, LS2-4, LS2-4L, LSG2-4	100	1492-LS2-BR
	Blue			100	1492-LS2-B
	Green			100	1492-LSG2

Bulletin 1492 Pre-Printed Mini-Markers for 1492-J, -L Terminal Blocks

Description	Pkg Qty.	Cat. No.
 End anchor top marker carrier	50	1492-GMC

Electrical Warning Plate Markers

Photo	For Use With	Color	Pkg Qty.	Cat. No.
	1492-J	Yellow	25	1492-EWPJ5
	1492-J	Yellow	50	1492-EWPJ8
	1492-J	Yellow	50	1492-EWPJ12
	1492-J	Yellow	50	1492-EWPJ18
	1492-L	Yellow	20	1492-EWPL5
	1492-L	Yellow	20	1492-EWPL6
	1492-L	Yellow	20	1492-EWPL8
	1492-L	Yellow	20	1492-EWPL10
	1492-L	Yellow	20	1492-EWPL12
	1492-L	Yellow	20	1492-EWPL16
	1492-L	Yellow	20	1492-EWPL4
	1492-W	Yellow	10	1492-EWP5
	1492-W	Yellow	10	1492-EWP5-4
	1492-W	Yellow	10	1492-EWP6
	1492-W	Yellow	10	1492-EWP6-4
	1492-W	Yellow	10	1492-EWP7
	1492-W	Yellow	10	1492-EWP7-4
	1492-W	Yellow	10	1492-EWP8
	1492-W	Yellow	10	1492-EWP8-4
	1492-W	Yellow	10	1492-EWP11
1492-W	Yellow	10	1492-EWP11-4	

IEC Terminal Block Accessories

Specifications

In general, accessories for terminal blocks are not eligible for recognition by UL, CSA, or other third party approval agencies. The suitability of the installation must be judged in the end use application due to the wide variety of possible uses. However, accessories are designed to meet, and are tested to, the terminal block assembly requirements such as electrical spacings, etc.

Maximum number of multiple wire connections for copper conductors of the same cross-section and type for Allen-Bradley IEC Terminal Blocks.

Cat. Nos. 1492-J and L products are all recommended for one conductor per terminal. Wire range is defined in the cat. page for each of the products.

Cat. No.	Wire Size [AWG]																		
	#30	#28	#26	#24	#22	#20	#18	#16	#14	#12	#10	#8	#6	#4	#2	#1	1/0	2/0	3/0
	Number of the Same Size Wires Per Terminal																		
1492-H4	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-H5	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-H6	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-H7	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-J2Q	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-J3	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3F	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3TW (Single Side)	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3TW (Twin Side)	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-J4	—	—	—	—	4	4 (29 A)	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J4M	—	—	—	—	4	4 (29 A)	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J6	—	—	—	—	4	4 (30 A)	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J10	—	—	—	—	4	4	4	4 (46 A)	3 (50 A)	2 (50 A)	1	1	1	—	—	—	—	—	—
1492-J16	—	—	—	—	—	—	—	4 (67 A)	4 (62 A)	3 (71 A)	2 (67 A)	1	1	1	—	—	—	—	—
1492-J35	—	—	—	—	—	—	—	—	3	3	3 (90 A)	2	2 (114 A)	1	1	1	1	—	—
1492-J50	—	—	—	—	—	—	—	—	—	—	—	2	2	1	1	1	1	—	—
1492-J70*	—	—	—	—	—	—	—	—	5	5	5	2	2	2	1	1	1	1	—
1492-JC3	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-JD3...	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3F	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3P	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDC3	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JDG3	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JDG3P	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JG2Q	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-JG3	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—

Cat. No.	Wire Size [AWG]																		
	#30	#28	#26	#24	#22	#20	#18	#16	#14	#12	#10	#8	#6	#4	#2	#1	1/0	2/0	3/0
	Number of the Same Size Wires Per Terminal																		
1492-JG3TW (Single Side)	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JG3TW (Twin Side)	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-JG4	—	—	—	—	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JG6	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-JG10	—	—	—	—	4	4	4	4	3	2	1	1	1	—	—	—	—	—	—
1492-JG16	—	—	—	—	—	—	—	4	4	3	2	1	1	1	—	—	—	—	—
1492-JG35	—	—	—	—	—	—	—	—	3	3	3	2	2	1	1	1	1	—	—
1492-JG50	—	—	—	—	—	—	—	—	—	—	—	2	2	1	1	1	1	—	—
1492-JG70*	—	—	—	—	—	—	—	—	5	5	5	2	2	2	1	1	1	1	—
1492-JKD3	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-W3	4	4	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-W4	—	—	—	—	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-W4TW	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-W6	—	—	—	—	4	4	3	2	2	2	1	—	—	—	—	—	—	—	—
1492-W10	—	—	—	—	4	4	4	4	3	2	1	1	—	—	—	—	—	—	—
1492-W16S	—	—	—	—	—	—	—	—	4	3	2	2	1	1	—	—	—	—	—
1492-WFB4...	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WG4	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-WG6	—	—	—	—	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-WG10S*	—	—	—	—	4	4	4	4	3	2	1	1	—	—	—	—	—	—	—
1492-WG16S*	—	—	—	—	—	—	—	—	4	3	2	2	1	1	—	—	—	—	—
1492-WM3	4	4	4	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—	—
1492-WM4	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WMD1	—	—	—	—	2	1	1	1	—	—	—	—	—	—	—	—	—	—	—
1492-WMG3	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
1492-WMG4*	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WR3	—	—	—	—	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTF3...	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTS3...	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-QP5...	4	4	4	4	4	4	2	1	1	—	—	—	—	—	—	—	—	—	—

* UL multiple wire testing not complete at time of printing. Consult your local Rockwell Automation sales office or Allen-Bradley distribution for specification updates.

IEC Terminal Block Specifications*

Tie Point Terminal Blocks — Type JD3C, LD2C, LD3C, and LD4C

ATTENTION



The total current flow through these terminal blocks (the sum of all inputs or the sum of all outputs) must not exceed the rated current for the device.

Description	Type	Rating
Maximum total current flow through the terminal block	LD2C	10 A
	JD3C, LD3C	20 A
	LD4C	25 A
Maximum working voltage	LD2C	300V
	JD3C, LD3C, LD4C	600V
Ambient temperature range	Operating	All -4...+104 °F (-20...+40 °C)
	Storage	All -40...+167 °F (-40...+75 °C)

* Performance Data — See this catalog, page Important--3. Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of accelerated testing at elevated stress levels and the user should correlate it to actual application requirements. Actual performance is subject to Allen-Bradley WARRANTY and LIMIT OF LIABILITY.

Surge Suppressor Performance Characteristics and Electrical Component Data*

Surge Suppressor Terminal Blocks

Performance Characteristic	Cat. No.
	JD3SS, JD3PSS, JD3SSSTP, JDG3PSS, JDG3PSSSTP, LD4SS
Nominal Working Voltage (Volts AC or DC)	120
Maximum AC Working Voltage RMS Continuous (60 Hz)	140
Maximum DC Working Voltage Continuous	180
Maximum Clamping Voltage at Current I _p (8/20 μs Pulse)	360V I _p = 10 A
Maximum Voltage Rate of Rise Bulletin 100 Contactors Types A38...B180 Bulletin 500 Contactors & Starters, Size 0...5 Bulletin 700 Relays	—
Peak Current (8/20 μs Pulse)	1200 A
Typical Leakage Current at Nominal AC Working Voltage	< 0.1 mA
Metal Oxide Varistor (MOV) Maximum Clamping Voltage at Current I _p (8/20 μs Pulse) Maximum Transient Energy Maximum Power Dissipation	10 J 0.25 W

IEC Terminal Block Accessories

Specifications, Continued

Diode Terminal Blocks — Type JD3DR, JD3DF, LD4DF, and LD4DR*

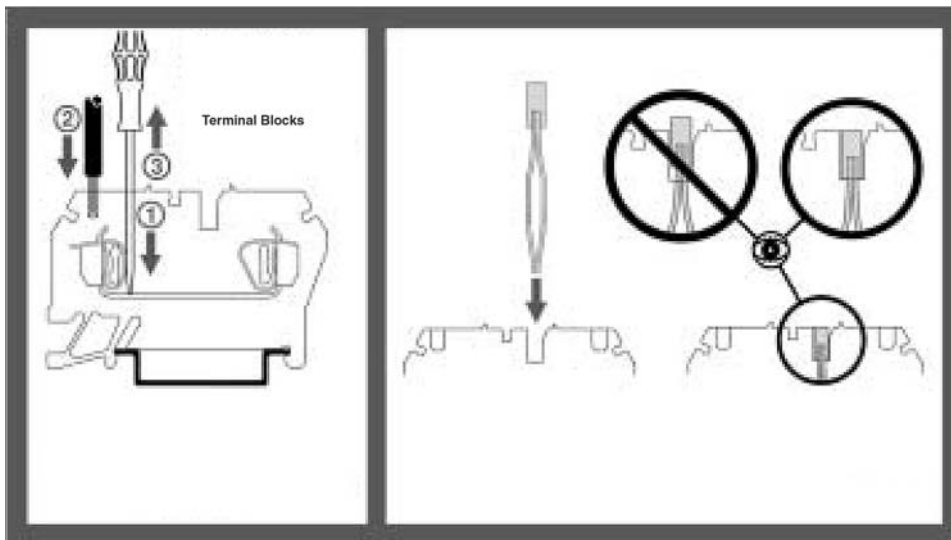
Description	Symbol	Type	Rating
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V (RRM) V (RWM) V (R)	JD3DF, JD3DR, LD4DF, LD4DR	600V
Non-Repetitive Peak Reverse Voltage (Halfwave, single phase, 60 Hz)	V (RSM)	JD3DF, JD3DR, LD4DF, LD4DR	600V
RMS Reverse Voltage *	V (Rrms)	JD3DF, JD3DR, LD4DF, LD4DR	600V
Average Rectified Forward Current Single Phase, Resistive Load, 60 Hz	I (O)	All	1.0 A
Non-Repetitive Peak Surge Current (Surge applied at rated load)	I (FSM)	All	30 A (1 cycle)
Maximum Forward Voltage Drop [I (F) = 1.0 A]	V (F)	All	1.1V
Maximum Reverse Current	I (R)	All	10 µA
Ambient temperature range	Operating	T (A)	-4...+104 °F (-20...+40 °C)
	Storage	T (S)	-40...+167 °F (-40...+75 °C)

All parameters measured at 77 °F (25 °C).

* Performance Data — See this catalog, page Important--3. Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of accelerated testing at elevated stress levels and the user should correlate it to actual application requirements. Actual performance is subject to Allen-Bradley WARRANTY and LIMIT OF LIABILITY.

* The maximum voltage rating of the diode terminal blocks listed in the above table should not be exceeded even though the maximum reverse voltage rating of the diode alone is 1000V.

Spring-Clamp Operating Instructions



UL/CSA File and Guide Numbers Arranged by Base Cat. Nos.

Base Cat. No.	UL Number‡		CSA Number	
	File	Guide	File	Class
1492-H4, -H5, -H6, -H7	E40735	XCFR2	LR67896	622801
1492-R	E40735	XCFR2	—	—
	E187022	XCIB2 XCFR8‡		
1492-RG	E160646	KDER2	—	—
	E40735 E187022	XCFR2 XCIB2		
1492-UF3	E40735	XCFR2	LR67896	622801
1492-W	E40735	XCFR2	LR67896	622801
	E187022	XCIB2	LR14074	622801
1492-WG	E40735	XCFR2	LR67896	622801
	E187022	XCIB2	LR14074	622801
1492-J	E40735	XCFR2	223923	622801
		XCIB2	622801	
1492-JG	E40735 E187022	XCFR2	223923	622801
		XCIB2	622801	
1492-L	E40735 E187022	XCFR2	223923	622801
		XCIB2	622801	
1492-LG	E40735 E187022	XCFR2	223923	622801
		XCIB2	622801	

‡ These numbers are actually UL file and guide numbers, as these products are UL Recognized Components per Canadian Safety Standards (cUR).

Technical Specifications for Fuse Plugs§

Characteristic	1492-FPK2	1492-FPK224	1492-FPK248	1492-FPK2120	1492-FPK2250
Indicator Type	Non-Indicating	LED	LED	LED	LED
Leakage Current	—	1.6 mA @ 24V	1.6 mA @ 24V	1.6 mA @ 24V	1.6 mA @ 264V
Working Voltage	Per Fuse Rating	10...36V AC/DC	35...70V AC/DC	60...150V AC/DC	140...250V AC
Fuse Size	5 x 20 mm				
Marker	1492-M5X5				

§ IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

Bulletin	1492F	1492C
Type	Open Construction	Open Construction
Features	<ul style="list-style-type: none"> • Low profile design • Tin-plated copper alloy connections for corrosion resistance • Easy visual verification of proper wire positioning • Easy wiring with large-size screwdriver • A write-on marking surface for easy circuit identification • Optional marking strips to make mass markings easiers 	<ul style="list-style-type: none"> • Tin-plated copper alloy connections for corrosion resistance • Open-style screw terminals for large-size screwdrivers • Write-on marking surface for easy circuit identification • Optional marking strips to make mass markings easier
Voltage Rating	300V AC/DC	600V AC/DC
Maximum Current	25 A	10...195 A
Wire Range (Rated Cross Section)	#22...#14 AWG (0.5...2.5 mm ²)	#22...#1/0 AWG (0.5...50 mm ²)
Wire Strip Length	0.25...0.38 in. (6.4...9.7 mm)	0.38...0.69 in. (9.7...17.5 mm)
Recommended Tightening Torque	6...14 lb•in (0.7...1.6 N•m)	8...50 lb•in (0.9...5.6 N•m)
Density	30 pcs/ft, 35 pcs/ft (98 pcs/m, 115 pcs/m)	16 pcs/ft, 22 pcs/ft, 30 pcs/ft (52 pcs/m, 72 pcs/m, 98 pcs/m)
Insulation Temperature Range	-40...+221 °F (-40...+105 °C)	-40...+221 °F (-40...+105 °C)
Colors	White, red, blue, green, yellow, black, brown, violet, grey, orange	White, red, blue, green, yellow, black, brown, violet, grey, orange
Certifications	UR, CSA, CE	UR, CSA, CE
Product Selection	Page 12-94	Page 12-95

NEMA/EEMAC Terminal Blocks

Product Overview, Continued

Bulletin	1492H	1492-HC and -HJ	1492-15T and -25T
Type	High-Density Finger-Safe Terminal Blocks	Panel Mount Blocks	High Temp. Panel Mount Blocks
Features	<ul style="list-style-type: none"> • Compact size accommodates up to 100 terminations per foot • Recessed terminals for finger-safe protection • Funneled wiring guides for easy wiring • Top-of-block marking surfaces for easy write-on circuit identification 	<ul style="list-style-type: none"> • Available in banks of 6 or 12 poles • Provides a simple way to add a bank of terminal blocks in new or existing equipment • Direct panel mounting eliminates the need for rail installation 	<ul style="list-style-type: none"> • Gangable for multi-pole installation • Provides a simple way to add a bank of terminal blocks in new or existing equipment • Direct panel mounting eliminates the need for rail installation
Voltage Rating	600V AC/DC	600V AC/DC	600V AC/DC
Maximum Current	24...55 A	25 A	35...45 A
Wire Range (Rated Cross Section)	#30...#8 AWG (0.05...10 mm ²)	#18...#12 AWG (1...4 mm ²)	#16...#10 AWG (1.5...6 mm ²)
Wire Strip Length	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)
Recommended Tightening Torque	3...16 lb•in (0.3...1.8 N•m)	3...16 lb•in (0.3...1.8 N•m)	10...16 lb•in (1.1...1.8 N•m)
Density	33 pcs/ft, 37 pcs/ft, or 55 pcs/ft (109 pcs/m, 123 pcs/m, or 164 pcs/m)	—	—
Insulation Temperature Range	-40...+221 °F (-40...+105 °C)	-40...+221 °F (-40...+105 °C)	-40...+300 °F (-40...+149 °C)
Colors	White, red, blue, green, yellow, black, brown, violet, grey, orange	White	Black
Certifications	UR, CSA, CE	UR, CSA, CE	—
Product Selection	Web†	Page 12-99	Page 12-100

† Information for this product line is available on the Industrial Controls Catalog website: www.ab.com/catalogs.

Product Overview

Devices available in the Allen-Bradley NEMA/EEMAC* line include Terminal Blocks, Isolation Switch Blocks, and Fuse Blocks.

Terminal Blocks

Allen-Bradley NEMA/EEMAC* terminal blocks are available in ten colors for easy circuit identification. Colors and suggested uses are:

- RED for AC Control Circuits
- BLUE for DC Control Circuits
- BLACK for AC/DC Power Circuits
- ORANGE for Data Collection Circuits
- GREEN for Ground Circuits
- YELLOW for Externally Fed Circuits (Interlocks)
- BROWN for Miscellaneous Circuits
- VIOLET/GREY to denote PLC Inputs and Outputs
- WHITE for Neutral Circuits

Most NEMA/EEMAC blocks are available preassembled on a breakaway mounting channel, complete with one end anchor, one retaining clip, and one end barrier.

Open Construction Terminal Blocks

Open construction blocks (Styles C and F) allow easy visual verification that the wire is properly positioned in the clamping area, and allows the use of a standard screwdriver for wiring. Style C and F blocks mount securely on AB rail.

Cat. No. 1492-CAM blocks also mount on DIN Rail. Several Style C blocks accept a snap-on marker for marking long wire identifications. All open construction blocks have:

- Tin-plated copper alloy connections for corrosion resistance
- A write-on marking surface for easy circuit identification
- Optional marking strips to make mass markings easier

Isolation Switch Blocks

- Allow easy, positive electrical circuit isolation
- Are available in both open and high density styles
- Feature a write-on marking surface for easy circuit identification

Fuse Blocks

- Provides a simple way to add overcurrent protection into a circuit
- Can be used with the following fuse styles: 13/32 in. x 1-1/2 in., 1/4 in. x 1-1/4 in., and GMT-type alarm fuses. Blown fuse indicators are available on the 1/4 in. x 1-1/4 in. and 13/32 in. x 1-1/2 in. blocks. The indicator lights up when the fuse is blown, speeding troubleshooting. The GMT-type fuse block has a visual alarm flag that also acts as an output contact for an electrical signal when the fuse is blown.

UL and CSA File Numbers

NEMA/EEMAC Style Terminal Blocks have a 94-V2 flammability rating. The NEMA/EEMAC line is UL Component Recognized and CSA Certified.

- UL File Number E40735, Guide Number XCFR2
- UL File Number E34648, Guide Number IZLT2 (for Catalog Number 1492-CE6 only)
- CSA File Number LR67896, Class 622801

* **NEMA — National Electrical Manufacturer's Association**
EEMAC — Electrical and Electronic Manufacturer's Association of Canada

NEMA/EEMAC Terminal Blocks

Open Construction Blocks, Continued

	1492-F1		1492-F2		1492-F3		
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.							
	1.25" (31.75 mm) 0.34" (8.73 mm)		1.25" (31.75 mm) 0.34" (8.73 mm)		1.25" (31.75 mm) 0.41" (10.31 mm)		
	Terminal block, tubular screw with pressure plate.		Terminal block, tubular screw without pressure plate.		Terminal block, screw terminal with #6 screw.		
	Specifications		Specifications		Specifications		
Certifications	UL/CSA		UL/CSA		UL/CSA		
Voltage Rating	300V AC/DC		300 V AC/DC		300 V AC/DC		
Maximum Current	25 A		25 A		25 A		
Wire Range (Rated Cross Section)	#22...#14 AWG (0.5...2.5 mm ²)		#22...#14 AWG (0.5...2.5 mm ²)		#22...#14 AWG (0.5...2.5 mm ²)		
Wire Strip Length	0.38 in. (9.7 mm)		0.38 in. (9.7 mm)		Prepared Conductors Only*		
Recommended Tightening Torque	4...10 lb•in (0.5...1.1 N•m)		6...10 lb•in (0.7...1.1 N•m)		6...10 lb•in (0.7...1.1 N•m)		
Density	35 pcs/ft (115 pcs/m)		35 pcs/ft (115 pcs/m)		30 pcs/ft (98 pcs/m)		
Insulation Temperature Range	-40...+221 °F (-40...+105 °C)		-40...+221 °F (-40...+105 °C)		-40...+221 °F (-40...+105 °C)		
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	
Color:	White	1492-F1	50	1492-F2	50	1492-F3	50
	Two 3 ft Rails White	1492-F1209 (105 pcs/rail)	1	1492-F2209 (105 pcs/rail)	1	1492-F3175 (88 pcs/rail)	1
	Red	1492-F1RE	50	1492-F2RE	50	1492-F3RE	50
	Blue	1492-F1B	50	1492-F2B	50	1492-F3B	50
	Black	1492-F1BL	50	1492-F2BL	50	1492-F3BL	50
	Green	1492-F1G	50	1492-F2G	50	1492-F3G	50
	Yellow	1492-F1Y	50	1492-F2Y	50	1492-F3Y	50
	Brown	1492-F1BR	50	1492-F2BR	50	1492-F3BR	50
	Violet	1492-F1VT	50	1492-F2VT	50	1492-F3VT	50
	Grey	1492-F1GY	50	1492-F2GY	50	1492-F3GY	50
	Orange	1492-F1OR	50	1492-F2OR	50	1492-F3OR	50
Accessories (page 12-101)	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	
Mounting Rails:							
A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20	
3 ft Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20	
3 ft High-Rise A-B Rail	1492-N44	2	1492-N44	2	1492-N44	2	
Standoff Brackets (use every 12 in.)	1492-N25	2	1492-N25	2	1492-N25	2	
End Barrier	1492-N18	50	1492-N18	50	1492-N18	50	
End Anchors:							
A-B Rail	1492-N23	10	1492-N23	10	1492-N23	10	
A-B Rail — Retaining Clip — Light Duty	1492-N2	50	1492-N2	50	1492-N2	50	
Jumpers:							
2-pole Uninsulated	1492-N13	50	1492-N13	50	1492-N14	50	
50-pole Uninsulated	1492-N24	10	1492-N24	10	—	—	
Marking Systems*	1492-N5	1	1492-N5	1	1492-N5	1	

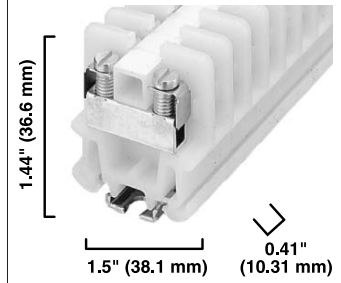
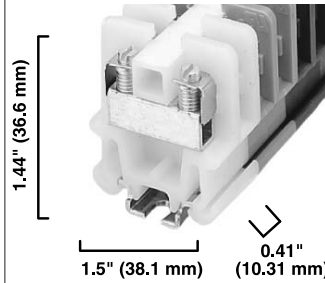
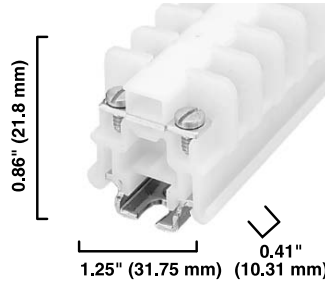
* 1 sheet, 20 strips.

1492-F8

1492-CA1

1492-CA1L

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	<i>Terminal block, screw terminal with wire clamp.</i>		<i>Terminal block, tubular screw with pressure plate.</i>		<i>Terminal block, screw with large head, pressure plate.</i>	
Certifications	UL/CSA		UL/CSA		UL/CSA	
Voltage Rating	300V AC/DC		600V AC/DC		600V AC/DC	
Maximum Current	25 A		55 A		55 A	
Wire Range (Rated Cross Section)	#22...#14 AWG (0.5...2.5 mm ²)		#22...#8 AWG (0.5...10 mm ²)		#22...#8 AWG (0.5...10 mm ²)	
Wire Strip Length	0.25 in. (6.4 mm)		0.38 in. (9.7 mm)		0.38 in. (9.7 mm)	
Recommended Tightening Torque	6...14 lb•in (0.7...1.6 N•m)		8...16 lb•in (0.9...1.8 N•m)		8...16 lb•in (0.9...1.8 N•m)	
Density	30 pcs/ft (98 pcs/m)		30 pcs/ft (98 pcs/m)		30 pcs/ft (98 pcs/m)	
Insulation Temperature Range	-40...+221 °F (-40...+105 °C)		-40...+221 °F (-40...+105 °C)		-40...+221 °F (-40...+105 °C)	
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: White	1492-F8	50	1492-CA1	50	1492-CA1L	50
Two 3 ft Rails White	1492-F8175 (88 pcs/rail)	1	1492-CA1175 (105 pcs/rail)	1	1492-CA1L175 (88 pcs/rail)	1
Red	1492-F8RE	50	1492-CA1RE	50	1492-CA1LRE	50
Blue	1492-F8B	50	1492-CA1B	50	1492-CA1LB	50
Black	1492-F8BL	50	1492-CA1BL	50	1492-CA1LBL	50
Green	1492-F8G	50	1492-CA1G	50	1492-CA1LG	50
Yellow	1492-F8Y	50	1492-CA1Y	50	1492-CA1LY	50
Brown	1492-F8BR	50	1492-CA1BR	50	1492-CA1LBR	50
Violet	1492-F8VT	50	1492-CA1VT	50	1492-CA1LVT	50
Grey	1492-F8GY	50	1492-CA1GY	50	1492-CA1LGY	50
Orange	1492-F1OR	50	1492-CA1OR	50	1492-CA1LOR	50
Accessories (page 12-101)	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Mounting Rails:						
A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20
3 ft Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20
3 ft High-Rise A-B Rail	1492-N44	2	1492-N44	2	1492-N44	2
Standoff Brackets (use every 12 in.)	1492-N25	2	1492-N25	2	1492-N25	2
End Barrier	1492-N18	50	1492-N16	50	1492-N16	50
End Anchors:						
A-B Rail	1492-N23	10	1492-N23	10	1492-N23	10
A-B Rail — Normal Duty	—	—	1492-N47	50	1492-N47	50
A-B Rail — Retaining Clip — Light Duty	1492-N2	50	1492-N2	50	1492-N2	50
Jumpers:						
2-pole Uninsulated	1492-N14	50	1492-N3	50	1492-N3	50
50-pole Uninsulated	—	—	1492-N30	50	1492-N30	50
Fanning Strip (12-pole can cut to desired length)	—	—	1492-N20	1	1492-N20	1
Marking Systems	* 1492-N5	1	1492-N45	20	1492-N45	20

* 1 sheet, 20 strips.

NEMA/EEMAC Terminal Blocks

Open Construction Blocks, Continued

	1492-CAM1		1492-CAM1L		1492-CA2	
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.						
	Terminal block, tubular screw with pressure plate, multi-rail mountable.		Terminal block, screw with large head, pressure plate, multi-rail mountable.		Terminal block, tubular screw without pressure plate.	
	Specifications					
Certifications	UL/CSA		UL/CSA		UL/CSA	
Voltage Rating	600V AC/DC		600V AC/DC		600V AC/DC	
Maximum Current	55 A		55 A		55 A	
Wire Range (Rated Cross Section)	#22...#8 AWG (0.5...10 mm ²)		#22...#8 AWG (0.5...10 mm ²)		#18...#8 AWG (1...10 mm ²)	
Wire Strip Length	0.38 in. (9.7 mm)		0.38 in. (9.7 mm)		0.38 in. (9.7 mm)	
Recommended Tightening Torque	8...16 lb•in (0.9...1.8 N•m)		8...16 lb•in (0.9...1.8 N•m)		10...16 lb•in (1.1...1.8 N•m)	
Density	30 pcs/ft (98 pcs/m)		30 pcs/ft (98 pcs/m)		30 pcs/ft (98 pcs/m)	
Insulation Temperature Range	-40...+221 °F (-40...+105 °C)		-40...+221 °F (-40...+105 °C)		-40...+221 °F (-40...+105 °C)	
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: White	1492-CAM1	50	1492-CAM1L	50	1492-CA2	50
Two 3 ft Rails White	—	—	—	—	1492-CA2175(88/Rail)	1
Red	1492-CAM1RE	50	1492-CAM1LRE	50	1492-CA2RE	50
Blue	1492-CAM1B	50	1492-CAM1LB	50	1492-CA2B	50
Black	1492-CAM1BL	50	1492-CAM1LBL	50	1492-CA2BL	50
Green	1492-CAM1G	50	1492-CAM1LG	50	1492-CA2G	50
Yellow	1492-CAM1Y	50	1492-CAM1LY	50	1492-CA2Y	50
Brown	1492-CAM1BR	50	1492-CAM1LBR	50	1492-CA2BR	50
Violet	1492-CAM1VT	50	1492-CAM1LVT	50	1492-CA2VT	50
Grey	1492-CAM1GY	50	1492-CAM1LGY	50	1492-CA2GY	50
Orange	1492-CAM1OR	50	1492-CAM1LOR	50	1492-CA2OR	50
Accessories (page 12-101)	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Mounting Rails:						
A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20
3 ft Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20
3 ft High-Rise A-B Rail	—	—	—	—	1492-N44	2
Standoff Brackets (use every 12 in.)	1492-N25	2	1492-N25	2	1492-N25	2
1 m Symmetrical DIN	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-NM16	50	1492-NM16	50	1492-NM16	50
End Anchors:						
A-B Rail	1492-N23	10	1492-N23	10	1492-N23	10
A-B Rail — Normal Duty	1492-N47	50	1492-N47	50	1492-N47	50
A-B Rail — Retaining Clip — Light Duty	1492-N2	50	1492-N2	50	1492-N2	50
DIN Rail — Normal Duty	1492-EA35	50	1492-EA35	50	—	—
DIN Rail — Heavy Duty	1492-EAH35	10	1492-EAH35	10	—	—
Jumpers:						
2-pole Uninsulated	1492-N3	50	1492-N3	50	1492-N3	50
50-pole Uninsulated	1492-N30	10	1492-N30	10	1492-N30	10
Fanning Strip (12-pole can cut to desired length)	1492-N20	1	1492-N20	1	1492-N20	1
Marking Systems	1492-N45	20	1492-N45	20	1492-N45	20

NEMA/EEMAC Terminal Blocks

Open Construction Blocks, Continued

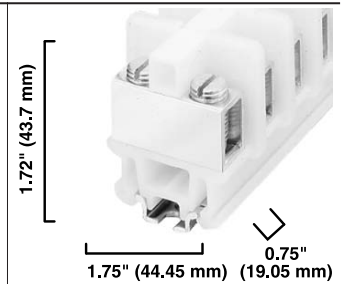
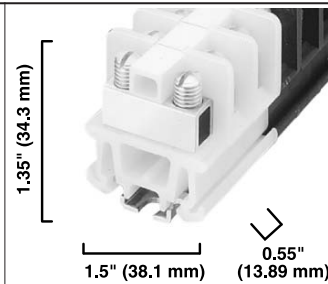
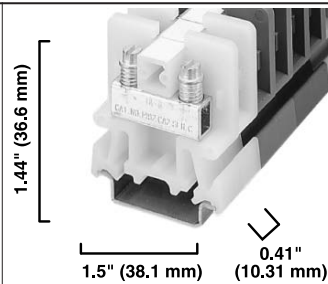
1492-CAM2

1492-CD2

1492-CE2

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	1492-CAM2	1492-CD2	1492-CE2
Terminal block, tubular screw without pressure plate, multi-rail mountable.	Terminal block, tubular screw without pressure plate.	Terminal block, tubular screw without pressure plate.	Terminal block, tubular screw without pressure plate.
Certifications	UL/CSA	UL/CSA	UL/CSA
Voltage Rating	600V AC/DC	600V AC/DC	600V AC/DC
Maximum Current	55 A	100 A	195 A
Wire Range (Rated Cross Section)	#18...#8 AWG (1...10 mm ²)	#14...#4 AWG (2.5...25 mm ²)	#12...#1/0 AWG (4...50 mm ²)
Wire Strip Length	0.38 in. (9.7 mm)	0.44 in. (11.2 mm)	0.69 in. (17.5 mm)
Recommended Tightening Torque	10...16 lb•in (1.1...1.8 N•m)	22...30 lb•in (2.5...3.4 N•m)	50 lb•in (5.6 N•m)
Density	30 pcs/ft (98 pcs/m)	22 pcs/ft (72 pcs/m)	16 pcs/ft (52 pcs/m)
Insulation Temperature Range	-40...+221 °F (-40...+105 °C)	-40...+221 °F (-40...+105 °C)	-40...+221 °F (-40...+105 °C)

Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: White	1492-CAM2	50	1492-CD2	50	1492-CE2	10
Two 3 ft Rails White	—	—	1492-CD2130(65/Rail)	1	—	—
Red	1492-CAM2RE	50	1492-CD2RE	50	1492-CE2RE	10
Blue	1492-CAM2B	50	1492-CD2B	50	1492-CE2B	10
Black	1492-CAM2BL	50	1492-CD2BL	50	1492-CE2BL	10
Green	1492-CAM2G	50	1492-CD2G	50	1492-CE2G	10
Yellow	1492-CAM2Y	50	1492-CD2Y	50	1492-CE2Y	10
Brown	1492-CAM2BR	50	1492-CD2BR	50	1492-CE2BR	10
Violet	1492-CAM2VT	50	1492-CD2VT	50	1492-CE2VT	10
Grey	1492-CAM2GY	50	1492-CD2GY	50	1492-CE2GY	10
Orange	1492-CAM2OR	50	1492-CD2OR	50	1492-CE2OR	10

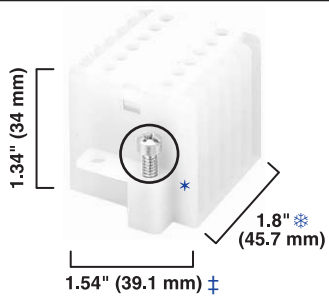
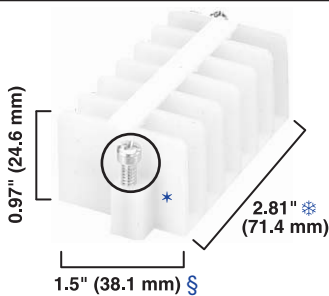
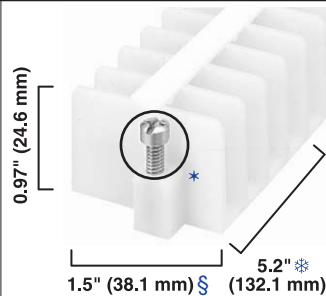
Accessories page 12-101	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Mounting Rails:						
A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20
3 ft Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20
3 ft High-Rise A-B Rail	—	—	1492-N44	2	1492-N44	2
Standoff Brackets (use every 12 in.)	1492-N25	2	1492-N25	2	1492-N25	2
1 m Symmetrical DIN	199-DR1	10	—	—	—	—
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	—	—	—	—
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	—	—	—	—
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	—	—	—	—
End Barrier	1492-NM16	50	1492-N16	50	1492-N17	50
End Anchors:						
A-B Rail	1492-N23	10	1492-N23	10	1492-N23	10
A-B Rail — Normal Duty	1492-N47	50	1492-N47	50	1492-N47	50
A-B Rail — Retaining Clip — Light Duty	1492-N2	50	—	—	—	—
DIN Rail — Normal Duty	1492-EA35	50	—	—	—	—
DIN Rail — Heavy Duty	1492-EAH35	10	—	—	—	—
Jumpers:						
2-pole Uninsulated	1492-N3	50	—	—	1492-N21	10
50-pole Uninsulated	1492-N30	10	—	—	—	—
Fanning Strip (12-pole can cut to desired length)	1492-N20	1	—	—	—	—
Marking Systems	1492-N45	20	1492-N8	25	1492-N45	25

NEMA/EEMAC Terminal Blocks

Open Construction Blocks, Continued

	1492-CA3		1492-CD3		1492-CD8	
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.						
	Terminal block, screw terminal with #6 screw.		Terminal block, screw terminal with #8 screw.		Terminal block, screw terminal with wire clamp.	
	UL/CSA		UL/CSA		UL/CSA	
	600V AC/DC		600V AC/DC		600V AC/DC	
Specifications	Terminal block, screw terminal with #6 screw.		Terminal block, screw terminal with #8 screw.		Terminal block, screw terminal with wire clamp.	
Certifications	UL/CSA		UL/CSA		UL/CSA	
Voltage Rating	600V AC/DC		600V AC/DC		600V AC/DC	
Maximum Current	20 A		35 A		35 A	
Wire Range (Rated Cross Section)	#22...14 AWG (0.5...2.5 mm ²)		#22...10 AWG (0.5...6 mm ²)		#22...10 AWG (0.5...6 mm ²)	
Wire Strip Length	Prepared Conductors Only*		Prepared Conductors Only*		0.38 in. (9.7 mm)	
Recommended Tightening Torque	12 lb•in (1.4 N•m)		10...16 lb•in (1.1...1.8 N•m)		10...16 lb•in (1.1...1.8 N•m)	
Density	30 pcs/ft (98 pcs/m)		22 pcs/ft (72 pcs/m)		22 pcs/ft (72 pcs/m)	
Insulation Temperature Range	-40...+221 °F (-40...+105 °C)		-40...+221 °F (-40...+105 °C)		-40...+221 °F (-40...+105 °C)	
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color:	White	1492-CA3	50	1492-CD3	50	1492-CD8
	Two 3 ft Rails White	1492-CA3175 (88 pcs/rail)	1	1492-CD3130 (65 pcs/rail)	1	1492-CD8130 (65pcs/rail)
	Red	1492-CA3RE	50	1492-CD3RE	50	1492-CD8RE
	Blue	1492-CA3B	50	1492-CD3B	50	1492-CD8B
	Black	1492-CA3BL	50	1492-CD3BL	50	1492-CD8BL
	Green	1492-CA3G	50	1492-CD3G	50	1492-CD8G
	Yellow	1492-CA3Y	50	1492-CD3Y	50	1492-CD8Y
	Brown	1492-CA3BR	50	1492-CD3BR	50	1492-CD8BR
	Violet	1492-CA3VT	50	1492-CD3VT	50	1492-CD8VT
	Grey	1492-CA3GY	50	1492-CD3GY	50	1492-CD8GY
	Orange	1492-CA3OR	50	1492-CD3OR	50	1492-CD8OR
Accessories (page 12-101)	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Mounting Rails:						
A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20
3 ft Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20
3 ft High-Rise A-B Rail	1492-N44	2	1492-N44	2	1492-N44	2
Standoff Brackets (use every 12 in.)	1492-N25	2	1492-N25	2	1492-N25	2
End Barrier	1492-N16	50	1492-N16	50	1492-N16	50
End Anchors:						
A-B Rail	1492-N23	10	1492-N23	10	1492-N23	10
A-B Rail — Snap-On	1492-N47	50	1492-N47	50	1492-N47	50
A-B Rail — Retaining Clip — Light Duty	1492-N2	50	1492-N2	50	1492-N2	50
Jumpers:						
2-pole Uninsulated	1492-N14	50	1492-N15	50	1492-N15	50
50-pole Uninsulated	—	—	—	—	—	—
Marking Systems	1492-N8	25	1492-N8	25	1492-N8	25

* Prepared conductors utilize ring, spade, or hook connectors.

	1492-HC6	1492-HJ86	1492-HJ812			
Dimensions are not intended to be used for manufacturing purposes.						
Specifications	High-density 6-pole panel mount terminal block. Can be interconnected to make 12- and 18-pole units.	Standard 6-pole panel mount block. Screw terminal with wire clamp.	Standard 12-pole panel mount block. Screw terminal with wire clamp.			
Certifications						
Voltage Rating	600V AC/DC	600V AC/DC	600V AC/DC			
Maximum Current (per pole)	25 A	25 A	25 A			
Wire Range (Rated Cross Section)	#30...#12 AWG (0.05...4 mm ²)	#16...#12 AWG (1.5...4 mm ²)	#16...#12 AWG (1.5...4 mm ²)			
Wire Strip Length	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)	0.38 in. (9.7 mm)			
Recommended Tightening Torque	3...7 lb•in (0.3...0.8 N•m)	8...16 lb•in (0.9...1.8 N•m)	8...16 lb•in (0.9...1.8 N•m)			
Insulation Temperature Range	-40...+221 °F (-40...+105 °C)	-40...+221 °F (-40...+105 °C)	-40...+221 °F (-40...+105 °C)			
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Terminal Block	1492-HC6	1	1492-HJ86	1	1492-HJ812	1
Accessories (page 12-101)	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Jumpers: 2-Pole Uninsulated	1492-N38	50	1492-N38	50	1492-N38	50
50-pole Uninsulated	1492-N39	10	—	—	—	—
Insulating Sleeve	1492-SJS	10	—	—	—	—
Anchor Unit: (required every 12th block)	Not Required	—	Not Required	—	Not Required	—
End Piece	Not Required	—	Not Required	—	Not Required	—

* #8-32 screw.
 ※ Measurement between mounting screw centers.
 ‡ Mounting screws are offset 0.31 in. (7.9 mm) from centerline.
 § Mounting screws are offset 0.19 in. (4.76 mm) from centerline.

Panel Mount Blocks

Product Selection, Continued

1492-15T

1492-25T

<p>Dimensions are not intended to be used for manufacturing purposes.</p>				
	<p>High temperature 1-pole panel mount block, wire clamp. Gangable for multi-pole installation.</p>	<p>High temperature 1-pole panel mount block, wire clamp. Gangable for multi-pole installation.</p>		
Specifications				
Voltage Rating	600V AC/DC			
Maximum Current (per pole)	35 A			
Wire Range (Rated Cross Section)	#16...12 AWG (1.5...4 mm ²)			
Wire Strip Length	0.38 in. (9.7 mm)			
Recommended Tightening Torque	10...16 lb•in (1.1...1.8 N•m)			
Insulation Temperature Range	-40...+300 °F (-40...+149 °C)			
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Terminal Block	1492-15T	100	1492-25T	100
Accessories (page 12-101)	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Anchor Unit: (required every 12th block)	1492-25A	10	1492-25A	10
End Piece	1492-15E	25	1492-25E	25

1492-EC85

1492-ED103

<p>Dimensions are not intended to be used for manufacturing purposes.</p>				
	<p>5-pole terminal block. Pulls apart to disconnect all poles from the circuit.</p>	<p>3-pole terminal block. Pulls apart to disconnect all poles from the circuit.</p>		
Specifications				
Certifications (See page 12-3)	UL/CSA			
Voltage Rating	600V AC/DC			
Maximum Current (per pole)	25 A			
Wire Range (Rated Cross Section)*	#20...12 AWG (0.75...4 mm ²)			
Wire Strip Length	0.38 in. (9.7 mm)			
Recommended Tightening Torque	6...16 lb•in (0.7...1.8 N•m)			
Insulation Temperature Range	-40...+22 °F (-40...+105 °C)			
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Terminal Block	1492-EC85	1	1492-ED103	1
Accessories (page 12-101)	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Jumpers: 2-Pole Uninsulated	1492-N38	50	1492-N38	50
Anchor Unit: (required every 12th block)	Not Required	—	Not Required	—
End Piece	Not Required	—	Not Required	—

* #8-32 screw.

* Both terminal blocks accept 1 wire per terminal.



Mounting Rails

Mounting rails allow many blocks to be fastened in a panel with only a few screws to anchor the rail to the panel. Mounting rails allow easy installation and removal of a block in a row.

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.

End Barriers

End barriers are required to provide the necessary insulation for the last terminal block in a group.


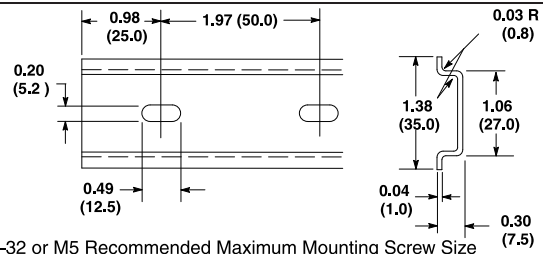
Fanning Strips

Fanning strips, used with the Cat. No. 1492-CA1, -CA2, and -CAM2 terminal blocks, keep wires in an orderly row and allow easy disconnect and reconnect of multiple adjacent wires.

Side Jumpers

Side jumpers use the terminal block wire openings. Multi-pole jumpers can be cut into a smaller number of poles. 2-pole jumpers are also available for some blocks. All jumpers except the 1492-N21 carry 100% of rated terminal block current. The 1492-N21 carries 100 A. The backs of IEC-style jumpers are insulated with plastic. An adjacent partition plate provides the necessary electrical spacings between adjacent jumpers or between exposed ends of cut jumpers.

DIN Mounting Rails

Cat. No.	Description	Pkg Qty.	Dimensions*
199-DR1	 <p>DIN (#3) Symmetrical Rail 35 mm x 7.5 mm x 1 m long Zinc-plated, yellow chromated EN50022</p> <p>DIN #3</p>	10	
199-DR2	Same as 199-DR1, but length = 2 m	100	

* Dimensions shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

Marking Systems

Various marking systems are available to simplify circuit identification. NEMA blocks come with a painted surface; IEC blocks use snap-in markers. Markers are available in blank form for hand writing, pre-printed in ascending number format, or custom printed for unique requirements. Extended marking strips and adhesive labels are available for long circuit identifications. A group marking carrier for easy group terminal block identification is also available. Marking rods can be used with QuickClamp style terminal blocks to simplify mass solutions. Pre-printed, single-digit, alphanumeric marker tabs are also available.

Specifications/Agency Approvals

In general, accessories for terminal blocks are not eligible for recognition by UL, CSA, or other third-party approval agencies. The suitability of the installation must be judged in the end use application due to the wide variety of possible uses. However, accessories are designed to meet, and are tested to, the terminal block assembly requirements such as electrical spacings, etc.

Allen-Bradley Mounting Rails

NEMA/EEMAC Mounting Rails

Cat. No.	Description	Pkg. Qty.	Dimensions*
1492-N1	Breakaway Mounting Rail — 3 ft (0.91 m) long; scored every 0.203 in. (5.2 mm) so it will break off to the desired length	20	<p>#8-32 or M4 Recommended Mounting Screw Size</p>
1492-N22	Rigid Mounting Rail — 3 ft (0.91 m) long	20	<p>#8-32 or M4 Recommended Mounting Screw Size</p>
1492-N25	Mounting Rail Standoff Brackets — Used with Cat. No. 1492-N22 rigid mounting rail	20	<p>8-32 UNC-2B</p>

* Dimensions shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

Stacking Bridge Kits

1492-N26		1492-N32		1492-N27		1492-N28		1492-N29	
Description		Description		Description		Description		Description	
External Mounting Feet		Internal Mounting Feet		Side Plate Extensions		18 in Bridge		12 in Bridge	
Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity
1492-N26	1 Kit	1492-N32	1 Kit	1492-N27	1 Kit	1492-N28	1	1492-N29	1

Description — Stacking bridges are used with Style C, F, and H rail-mounted terminal blocks. They are designed to save panel space and increase terminal accessibility. Stacking bridge kits allow stacking of up to four terminal block strips. A stacking bridge consists of mounting feet, side plate extensions, and 12 in. or 18 in. bridges.

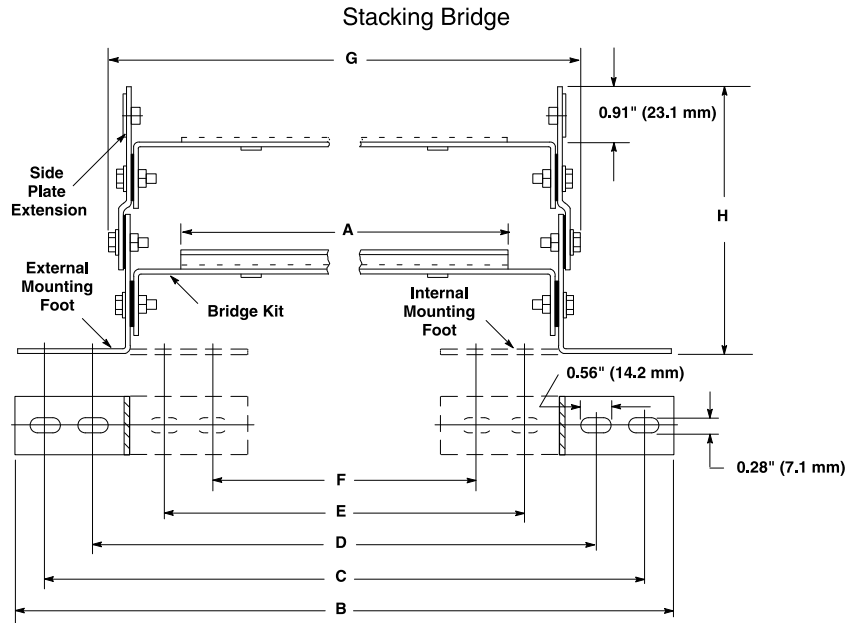
Note: **Rigid mounting rail is attached to the bridge.** Five kits are available to custom build stacking bridges as listed in the above table. **Fuse blocks, disconnect blocks, large Style C terminal blocks (Cat. No. 1492-CE2) and circuit breakers should only be mounted on the upper-most bridge of any assembly.**

Ordering Example — A typical ordering example for a **Two-Level 18 in. Stacking Bridge** is as follows:

- One **Cat. No. 1492-N26** or **1492-N32** mounting foot kit.
- One **Cat. No. 1492-N27** side plate extension kit, and two **Cat. No. 1492-N28** 18 in. bridges.

Both 12 in. and 18 in. stacking bridges are built in this manner with up to four levels maximum.

Stacking Bridge

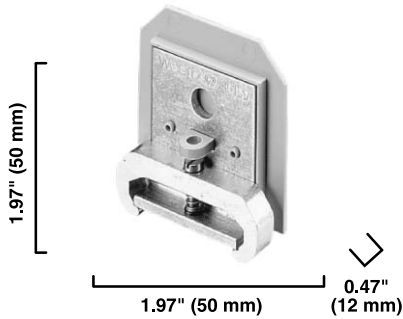


Stacking Bridge Size	A	B	C	D	E	F	G	H			
								No. of Levels			
								1	2	3	4
12 in.	12.06 (306.3)	18.06 (458.7)	17 (431.8)	15.19 (385.8)	12.69 (322.3)	10.97 (278.6)	14.53 (369.1)	2.34 (59.5)	4.50 (114.3)	6.63 (168.4)	8.78 (223.0)
18 in.	18.63 (473.2)	24.06 (611.1)	23 (584.2)	21.19 (538.2)	18.69 (474.7)	16.97 (431.0)	20.53 (521.5)	2.34 (59.5)	4.50 (114.3)	6.63 (168.4)	8.78 (223.0)

Note: Dimensions in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

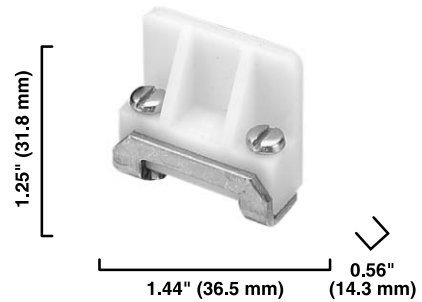
End Anchors

1492-EAH35

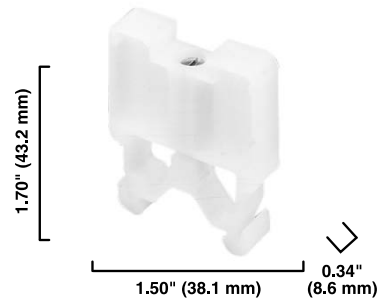
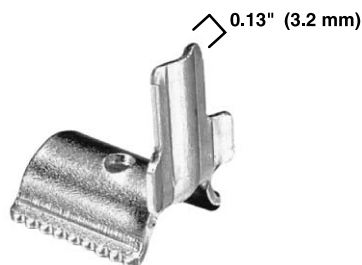


1492-N2

1492-N23

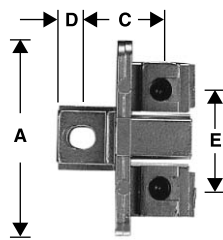


1492-N47



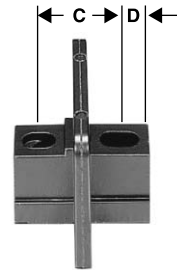
End Anchors

1492-15A, 1492-25A



Width = A
 Height = B

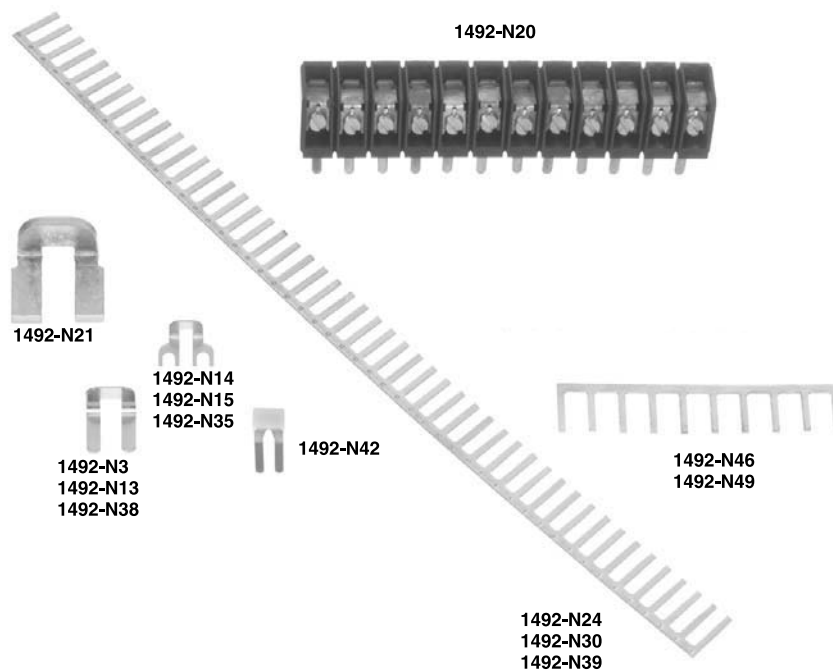
1492-15E, 1492-25E



Width = A
 Height = B

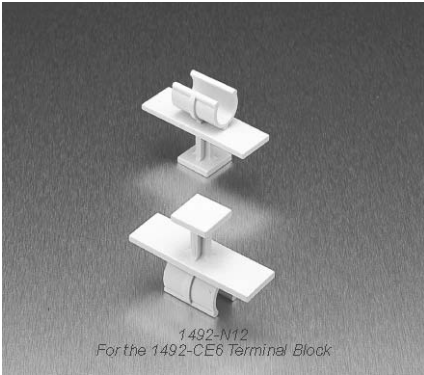
Cat. No.	A	B	C	D	E
1492-15A	1.5 in. (38.1 mm)	1.03 in. (26.2 mm)	0.594 in. (15.1 mm)	0.234 in. (5.9 mm)	0.75 in. (19.1 mm)
1492-15E	1.5 in. (38.1 mm)	1.03 in. (26.2 mm)	0.594 in. (15.1 mm)	0.234 in. (5.9 mm)	—
1492-25A	1.88 in. (47.8 mm)	1.19 in. (30.2 mm)	0.688 in. (17.5 mm)	0.203 in. (5.2 mm)	0.97 in. (24.6 mm)
1492-25E	1.88 in. (47.8 mm)	1.19 in. (30.2 mm)	0.688 in. (17.5 mm)	0.234 in. (5.9 mm)	—

Side Jumpers/Fanning Strip/General Accessories*

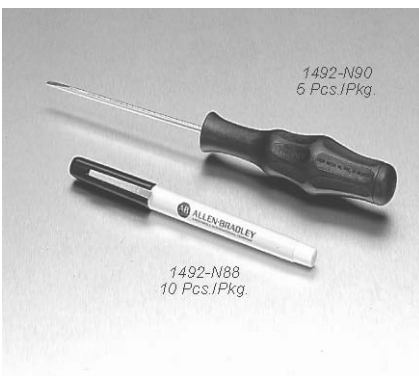


* The 1492-SJS Insulating Sleeve reduces exposure to live parts on the 1492-N39 and 1492-N49. The 1492-SJS used with the 1492-N39 and 1492-H1 or 1492-HM1 provides IEC 947 IP2X finger protection.

Fuse Puller



Screwdriver and Marking Pen

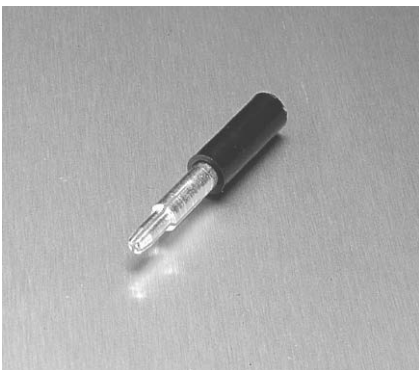


Isolation Switch Plugs Cat. No. 1492-ISOSW-1



Test Plug/Test Sockets

Cat. No. 1492-TP28

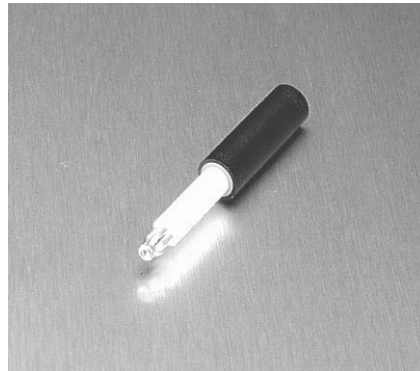


Test Plug/Test Sockets, Continued

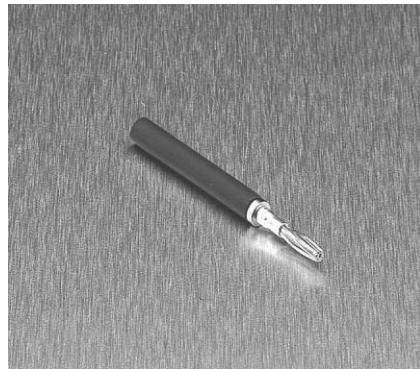
Cat. No. 1492-TA285



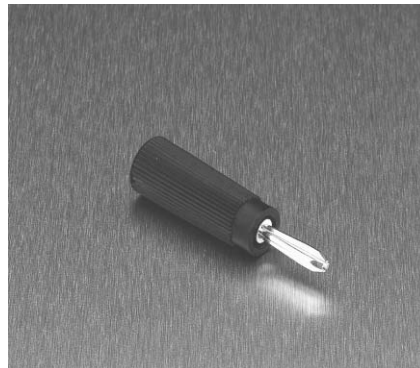
Cat. Nos. 1492-TA40, 1492-TA40L



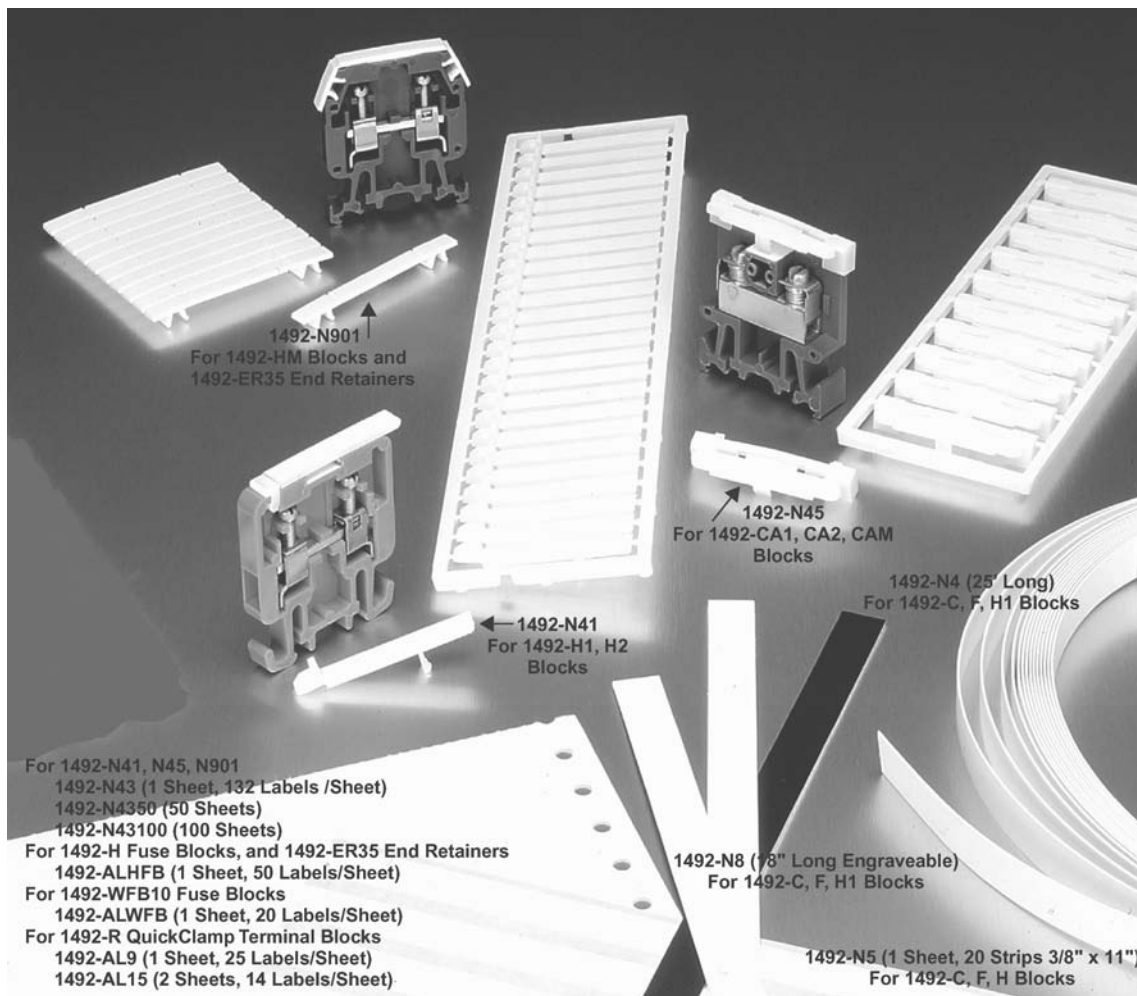
Cat. No. 1492-TP15



Cat. No. 1492-TP23



Marking Systems



For 1492-N41, N45, N901
 1492-N43 (1 Sheet, 132 Labels /Sheet)
 1492-N4350 (50 Sheets)
 1492-N43100 (100 Sheets)
 For 1492-H Fuse Blocks, and 1492-ER35 End Retainers
 1492-ALHFB (1 Sheet, 50 Labels/Sheet)
 For 1492-WFB10 Fuse Blocks
 1492-ALWFB (1 Sheet, 20 Labels/Sheet)
 For 1492-R QuickClamp Terminal Blocks
 1492-AL9 (1 Sheet, 25 Labels/Sheet)
 1492-AL15 (2 Sheets, 14 Labels/Sheet)

Cat. No. 1492-N901 For 1492-HM Blocks and 1492-ER35 End Retainers

Cat. No. 1492-N45 For 1492-CA1, CA2, CAM Blocks

Cat. No. 1492-N41 For 1492-H1, H2 Blocks

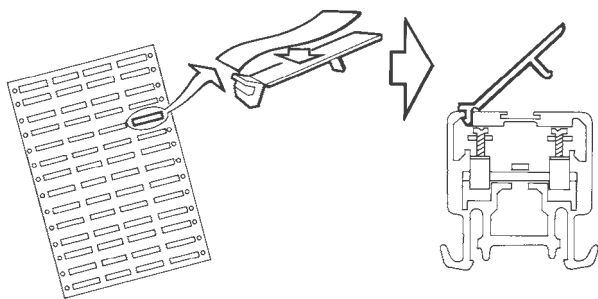
Cat. No. 1492-N8 (18 in. Long Engraveable) For 1492-C, F, H1 Blocks

For Cat. Nos. 1492-N41, N45, N901
Cat. No. 1492-N43 (1 Sheet, 132 Labels /Sheet)
Cat. No. 1492-N4350 (50 Sheets)
Cat. No. 1492-N43100 (100 Sheets)
For Cat. Nos. 1492-H Fuse Blocks, and 1492-ER35 End Retainers
Cat. No. 1492-ALHFB (1 Sheet, 50 Labels/Sheet)
Cat. No. For 1492-WFB10 Fuse Blocks
Cat. Nos. 1492-ALWFB (1 Sheet, 20 Labels/Sheet)

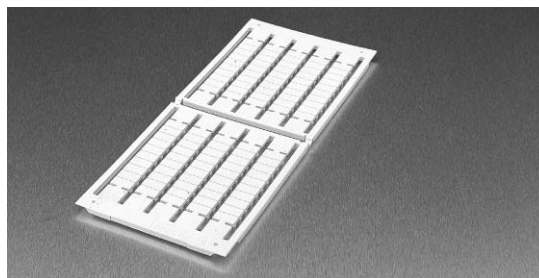
Cat. No. 1492-N5 (1 Sheet, 20 Strips 3/8 in x 11 in) For 1492-C, F, H Blocks

Note: The center and the corners of Cat. No. 1492-R terminal blocks may be labelled using a Cat. No. 1492-MR9 marking rod, or Cat. No. 1492-AL9 label, or both. For maximum marking space, Cat. No. 1492-MR15 can be used with or without Cat. No. 1492-AL15 in the center of the block (this will cover the center jumper area).

Placement of Label on Holder



Marker Cards



Cat. No.	Pkg Qty.
1492-ALHFB	1
1492-ALWFB	1
1492-N4	1
1492-N5	1
1492-N8	25
1492-N41	50
1492-N43	1
1492-N45	20
1492-N901	50
1492-N4350	1
1492-N43100	1
1492-MR9 (Not Shown)	25
1492-MR15 (Not Shown)	25

Cat. No.	No. of Labels/Card
1492-MS8X12	70
1492-MN81	—
1492-MN83	—

Specifications/Agency Approvals

Multiple Wire Connection Combination for Stranded Copper Conductors of the Same Gross Section for Allen-Bradley Terminal Blocks

Terminal Blocks

Cat. No.	Wire Size AWG (mm ²)					
	#22	#20 (0.5)	#18 (0.75)	#16 (1.5)	#14 (2.5)	#12 (4)
	Number of the Same-Size Wires Per Terminal					
1492-H4, -H5, -H6, -H7	4	4	3	2	2	1

Fingersafe Terminal Blocks

Cat. No.	Fingersafe Terminal Blocks							
	#22	#20 (0.5)	#18 (0.75)	#16 (1.5)	#14 (2.5)	#12 (4)	#10 (6)	#8 (10)
	Number of the Same-Size Wires Per Terminal							
* 1492-HM1	4	4	3	2	2	1	—	—
* 1492-HM2	4	4	3	2	2	1	—	—
1492-HC6	4	4	3	2	2	1	—	—
* 1492-HM3	4	4	4	3	2	2	1	1

* Dimensions for other colors are identical.

NEMA and IEC Terminal Block Component Specifications*

Tie Point Terminal Blocks — Type HM2C and WD4C

ATTENTION

The total current flow through these terminal blocks (the sum of all inputs or the sum of all outputs) must not exceed the rated current for the device.

Description	Type	Rating
Maximum Total Current Flow Through the Terminal Block	H2C, HM2C	10 A
Maximum Working Voltage	H2C, HM2C	600V
Operating Ambient Temperature Range	All	-4...+104 °F (-20...+40 °C)
Storage Temperature Range	All	-40...+167 °F (-40...+75 °C)

Diode Terminal Blocks — Types H2D, HHM2D, WD2D, WD2DR, RD3DF and RD3DR

Description	Symbol	Type	Rating
Peak Repetitive Reverse Voltage	V (RRM)	H2D, HM2D	600V
Working Peak Reverse Voltage	V (RWM) V (R)	RD3DF, RD3DR WD4DF, WD4DR	300V
Non-Repetitive Peak Reverse Voltage (Halfwave, single-phase, 60 Hz)	V (RSM)	H2D, HM2D	600V
RMS Reverse Voltage*	V (Rms)	H2D, HM2D	600V
Average Rectified Forward Current Single-Phase, Resistive Load, 60 Hz	I (O)	All	1.0 A
Non-Repetitive Peak Surge Current (Surge applied at rated load)	I (FSM)	All	30 A (1 cycle)
Maximum Forward Voltage Drop [I (f) = 1.0 A]	V (F)	All	1.1V
Maximum Reverse Current	I (R)	All	10 μA
Operating Ambient Temperature Range	T (A)	All	-4...+104 °F (-20...+40 °C)
Storage Temperature Range	T (S)	All	-40...+167 °F (-40...+75 °C)

* The maximum voltage rating of the diode terminal blocks listed in the above table should not be exceeded even through the maximum reverse voltage rating of the diode alone is 1000V.

All parameters measured at 77 °F (25 °C).

Resistor Terminal Blocks — Types H2RA, H2RB, H2RC, HM2RA, HM2RB, HM3RB*

Description	Model Code Identifier	Rating
Resistor Type	A	Carbon Fixed Resistor‡
	B	Metal Film Resistor§
	C	Wire Wound Precision Resistor
Standard Resistance Range	A	1.0 (Ω)...100 M (Ω)
	B	1.0 (Ω)...4.75 M (Ω)
	C	249 (Ω)
Resistance Tolerance	A	± 5%
	B	± 1%
	C	± 1%
Power Rating (Resistor) Maximum Continuous Watts at 86 °F (30 °C) Ambient	A	0.5 W
	B	0.25 W
	C	0.5 W
Rated Continuous Working Voltage (Resistor)	A	0.5 x R or 300V Max.
	B	0.25 x R or 250V Max.
	C	0.5 x R or 250V Max.
Operating Ambient Temperature Range	All	-4...+104 °F (-20...+40 °C)
Storage Temperature Range	All	-40...+167 °F (-40...+75 °C)
Dielectric Withstanding Voltage (Resistor)	A	700V
	B & C	500V

* Performance Data — See this catalog, Important-3.

‡ The power rating of the resistor block operating in ambient temperatures of 86...104 °F (30...40 °C) should be derated for maximum resistor life. The derating curve is linear between 86 °F (30 °C) and 104 °F (40 °C) where the power rating is 100% of specified power at 86 °F (30 °C) and 85% at 104 °F (40 °C).

§ For further information on resistor performance, consult your local Rockwell Automation sales office or Allen-Bradley distributor.

Resistor Codes for 1492-RD3RB..., -H2RB... and -HM2RB Terminal Blocks

Ordering Information

In order to complete the cat. no. for **1492-RD3RB...**, **1492-H2RB**, and **1492-HM2RB**, add the desired resistor code from the table below.
Example: Cat. No. **1492-RD3RB101** is a resistor terminal block with a 100 (Ω) — 1/4 W resistor.

Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code
10	100	267	271	8250	822	0.221M	224
11	110	301	301	9090	912	0.243M	244
12.1	120	332	331	10 000	103	0.267M	274
13	130	357	361	11 000	113	0.301M	304
15	150	392	391	12 100	123	0.332M	334
16	160	432	431	13 000	133	0.357M	364
18.2	180	475	471	15 000	153	0.392M	394
20	200	511	511	16 200	163	0.432M	434
22.1	220	562	561	18 200	183	0.475M	474
24.3	240	619	621	20 000	203	0.511M	514
26.7	270	681	681	22 100	223	0.562M	564
30.1	300	750	751	24 300	243	0.619M	624
33.2	330	825	821	26 700	273	0.681M	684
35.7	360	909	910	30 100	303	0.75M	754
39.2	390	1000	102	33 200	333	0.825M	824
43.2	430	1100	112	35 700	363	0.909M	914
47.5	470	1210	122	39 200	393	1.0M	105
51.1	510	1300	132	43 200	433	1.1M	115
56.2	560	1500	152	47 500	473	1.24M	125
61.9	620	1620	162	51 100	513	1.3M	135
68.1	680	1820	182	56 200	563	1.5M	155
75	750	2000	202	61 900	623	1.62M	165
82.5	820	2210	222	68 100	683	1.82M	185
90.9	910	2430	242	75 000	753	2.0M	205
100	101	2670	272	82 500	823	2.21M	225
110	111	2940	302	90 900	913	2.43M	245
121	121	3320	332	0.10M	104	2.67M	275
130	131	3570	362	0.11M	114	3.01M	305
150	151	3920	392	0.121M	124	3.32M	335
162	161	4750	472	0.13M	134	3.57M	365
182	181	5110	512	0.15M	154	3.92M	395
200	201	5620	562	0.162M	164	4.32M	435
221	221	6810	682	0.182M	184	4.75M	475
243	241	7500	752	0.20M	204	249	001

Resistor Codes for 1492-H2RA... and -HM2RA Terminal Blocks

Ordering Information

In order to complete the cat. no. for **1492-H2RA...** and **1492-HM2RA**, add the desired resistor code from the table below.

Example: Cat. No. **1492-H2RA101** is a resistor terminal block with a 100 (Ω) — 1/2 W resistor.

Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code	Resistor Value Ω	Resistor Code
1.0	10G	43	430	1800	182	75000	753	3.3M	335
1.1	11G	47	470	2000	202	82000	823	3.6M	365
1.2	12G	51	510	2200	222	91000	913	3.9M	395
1.3	13G	56	560	2400	242	0.10M	104	4.3M	435
1.5	15G	62	620	2700	272	0.11M	114	4.7M	475
1.6	16G	68	680	3000	302	0.12M	124	5.1M	515
1.8	18G	75	750	3300	332	0.13M	134	5.6M	565
2.0	20G	82	820	3600	362	0.15M	154	6.2M	625
2.2	22G	91	910	3900	392	0.16M	164	6.8M	685
2.4	24G	100	101	4300	432	0.18M	184	7.5M	755
2.7	27G	110	111	4700	472	0.20M	204	8.2M	825
3.0	30G	120	121	5100	512	0.22M	224	9.1M	915
3.3	33G	130	131	5600	562	0.24M	244	10M	106
3.6	36G	150	151	6200	622	0.27M	274	11M	116
3.9	39G	160	161	6800	682	0.30M	304	12M	126
4.3	43G	180	181	7500	752	0.33M	334	13M	136
4.7	47G	200	201	8200	822	0.36M	364	15M	156
5.1	51G	220	221	9100	912	0.39M	394	16M	166
5.6	56G	240	241	10 000	103	0.43M	434	18M	186
6.2	62G	270	271	11 000	113	0.47M	474	20M	206
6.8	68G	300	301	56 200	123	0.51M	514	22M	226
7.5	75G	330	331	12 000	133	0.56M	564	24M	246
8.2	82G	360	361	13 000	153	0.62M	624	27M	276
9.1	91G	390	391	15 000	163	0.68M	684	30M	306
10	100	430	431	18 000	183	0.75M	754	33M	336
11	110	470	471	20 000	203	0.82M	824	36M	366
12	120	510	511	22 000	223	0.91M	914	39M	396
13	130	560	561	24 000	243	1.0M	105	43M	436
15	150	620	621	27 000	273	1.1M	115	47M	476
16	160	680	681	30 000	303	1.2M	125	51M	516
18	180	750	751	33 000	333	1.3M	135	56M	566
20	200	820	821	36 000	363	1.5M	155	62M	626
22	220	910	911	39 000	393	1.6M	165	68M	686
24	240	1000	102	43 000	433	1.8M	185	75M	756
27	270	1100	112	47 000	473	2.0M	205	82M	826
30	300	1200	122	51 000	513	2.2M	225	91M	916
33	330	1300	132	56 000	563	2.4M	245	100M	107
36	360	1500	152	62 000	623	2.7M	275		
39	390	1600	162	68 000	683		305		

Surge Suppressor Performance Characteristics and Electrical Component Data*

Performance Characteristic	Surge Suppressor Terminal Blocks		
	Cat. No.		
	1492-H2K024 1492-HM2K024	1492-H2K120 1492-HM2K120	1492-H2K240 1492-HM2K240
Nominal Working Voltage (Volts AC or DC) [V]	24	120	240
Maximum AC Working Voltage RMS Continuous (60 Hz) [V]	30	140	275
Maximum DC Working Voltage Continuous [V]	38	160	369
Maximum Clamping Voltage at Current I_p (8/20 μ s pulse) [V]	92V $I_p = 6$ A	360V $I_p = 14$ A	710V $I_p = 17$ A
Maximum Voltage Rate of Rise Bulletin 100 Contactors Types A38...B180 Bulletin 500 Contactors & Starters, Size 0...5 Bulletin 700 Relays	—	<10 V/ μ s	<10 V/ μ s
Peak Current (8/20 μ s pulse)	250 A	150 A	150 A
Typical Leakage Current at Nominal AC Working Voltage	1.0 mA	4.5 mA	10.0 mA
Metal Oxide Varistor (MOV) Maximum Clamping Voltage at Current I_p (8/20 μ s Pulse) Maximum Transient Energy Maximum Power Dissipation	—	—	—

* Performance Data — See this catalog, Important-3.
Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of accelerated testing at elevated stress levels and the user should correlate it to actual application requirements. Actual performance is subject to WARRANTY and LIMIT OF LIABILITY.

Component Specifications

Characteristic	Suppressor Cat. No.		
	1492-H2K024 1492-HM2K024	1492-H2K120 1492-HM2K120	1492-H2K240 1492-HM2K240
Capacitor			
Nominal Value	0.10 μ F	0.10 μ F	0.10 μ F
Tolerance	$\pm 20\%$	$\pm 20\%$	$\pm 20\%$
Maximum DC Working Voltage	500V DC	500V DC	500V DC
Metal Oxide Varistor (MOV)			
Maximum Clamping Voltage at Current I_p (8/20 μ s Pulse)	92V	360V	710V
Maximum Transient Energy	$I_p = 5$ A 1.8 J	$I_p = 10$ A 12 J	$I_p = 10$ A 23 J
Maximum Power Dissipation	0.25 W	0.25 W	0.25 W
Resistor			
Nominal Value	100 Ω	100 Ω	100 Ω
Tolerance	$\pm 20\%$	$\pm 20\%$	$\pm 20\%$
Power Rating	2 W at 104 °F (40 °C)	2 W at 104 °F (40 °C)	2 W at 104 °F (40 °C)




Technical Specifications for Fuse Plugs*

Characteristic	1492-FP4	1492-FP424	1492-FP4250
Indicator Type	Non-Indicating	LED	Neon
Leakage Current	—	2 mA @ 24V	1 mA @ 264V
Working Voltage	Per Fuse Rating	10...57V AC/DC	85...264V AC
Fuse Size (Not Supplied)	5 x 20 mm		

* Maximum current rating for the fuse plug is 10 A at 250V. IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

UL/CSA File and Guide Numbers

Base Cat. No.	UL Number		CSA Number	
	File	Guide	File	Class
1492-CA, -CE, -CD	E40735	XCFR2	LR67896	622801
1492-CB	E65138	QVNU2	LR37712	9091-01
1492-CE6	E34648	IZLT2	LR67896	622801
1492-F	E40735	XCFR2	LR67896	622801
1492-FB	E34646	IZLT	LR70915	622501
1492-H1, -H2, -HM1, -HM2, -HM3	E40735	XCFR2	LR67896	622801
1492-H4, -H5, -H6, -H7	E40735	XCFR2	LR67896	622801
1492-HC6, -HJ	E40735	XCFR2	LR67896	622801

			
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 • Panel-mounting • Attached hinge-cover 	<ul style="list-style-type: none"> • Can be mechanically connected for multiple pole requirements • 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	UL, CSA, CE	UR, CSA, CE
Product Selection	Page 12-113	Page 12-115	Page 12-115



Bulletin 1492-PD



Bulletin 1492-PDL



Bulletin 1492-PDE

Bulletin 1492 — Power Blocks

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. Five styles of power blocks are available:

- 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
- UL 1953 Listed power distribution terminal blocks with aluminum connectors

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Standards Compliance

UL 1059
 UL Subject 1953
 CSA C22.2 No. 158
 EN/IEC 60947-1, -7-1

Certifications

CE Marked
 CSA Certified (File No. 72582, Class 6228-01)
 UL Component Recognized (File No. E40735, Guide No. XCFR2)
 UL1953 Listed (File No. E31347, Guide No. QPQS)

Flammability Rating

94V-O

Product Selection

Mini Blocks

- Rated at 600V AC/DC, 115 A; these blocks offer high current-carrying capacity in a very small package to save on panel space
- Two configurations available: 3-pole feed-through with 1 line opening and 1 load opening per pole; 3-pole power distribution with 1 line opening and 4 load openings per pole
- Insulating material max. temperature: 257 °F (125 °C)

Enclosed Power Distribution Blocks (with Aluminum or Copper Connectors)

- IP20 from the front
- Rated at 600V AC/DC, 175...510 A
- Single-pole devices; gangable to create multi-pole solutions
- 1 or 2 line openings per pole, 1, 2, 4, or 8 load openings per pole
- Insulating material max. temperature: 257 °F (125 °C)

Open-Style Power Distribution and Splicer Blocks (with Aluminum or Copper Connectors)

- Rated at 600V AC/DC, 175...760 A
- 1- and 3-pole configurations
- 1 or 2 line openings per pole, 1, 2, 4, 6, 8, or 12 load openings per pole
- Insulating material max. temperature: 302 °F (150 °C)

UL 1953 Listed Power Distribution Blocks (with Aluminum Connectors)

- Three-pole devices
- 1 line opening per pole, 1, 4, 6, 9, or 12 load openings per pole
- Insulating material max. temperature: 302 °F (150 °C)

Open Style Block with Aluminum Connectors

Cat. No.	Line					Load			
	No. of Poles	Amperage	Connector Configuration	Wire Range for Line	Wires Per Pole for Line	Connector Configuration	Wire Range for Load	Wires Per Pole for Load	Power Block Cover
Mini-Blocks									
1492-PDM3111	3	115		#2...14 AWG (35...2.5) mm ²	1		#2...14 AWG (35...2.5) mm ²	1	1492-PBC9
1492-PDM3141	3	115		#2...14 AWG (35...2.5) mm ²	1		#10...16 AWG (6...0.75) mm ²	4	1492-PBC9
Open-Style — Aluminum Connector									
1492-50Y	1	115		#2...14 AWG (35...2.5) mm ²	1		#2...14 AWG (35...2.5) mm ²	1	1492-PBC4
1492-50X	3	115		#2...14 AWG (35...2.5) mm ²	1		#2...14 AWG (35...2.5) mm ²	1	1492-PBC1
1492-100Y	1	175		2/0...#14 AWG (70...2.5) mm ²	1		2/0...#14 AWG (70...2.5) mm ²	1	1492-PBC4
1492-50YF	1	175		2/0...#14 AWG (70...2.5) mm ²	1		1/4" Tap w/Binding Screw	1	1492-PBC4

Power Blocks

Product Selection, Continued









Open Style Blocks with Aluminum Connectors, Continued

Cat. No.	Line					Load			
	No. of Poles	Amperage	Connector Configuration	Wire Range for Line	Wires Per Pole for Line	Connector Configuration	Wire Range for Load	Wires Per Pole for Load	Power Block Cover
1492-100X	3	175		2/0...#14 AWG (70...2.5 mm ²)	1		2/0...#14 AWG (70...2.5 mm ²)	1	1492-PBC1
1492-50 XF	3	175		2/0...#14 AWG (70...2.5 mm ²)	1		1/4' Tap w/Binding Screw	1	1492-PBC1
1492-PD3141	3	175		2/0...#14 AWG (70...2.5 mm ²)	1		#4...14 AWG (25...2.5 mm ²)	4	1492-PBC1
1492-BE	1	255		250 MCM... #6 AWG (120...16 mm ²)	1		250 MCM... #6 AWG (120...16 mm ²)	1	1492-PBC5
1492-PD3113	3	310		350 MCM... #6 AWG (185...16 mm ²)	1		350 MCM... #6 AWG (185...16 mm ²)	1	1492-PBC2
1492-PD3163	3	335		400 MCM... #6 AWG (185...16 mm ²)	1		#2...14 AWG (36...2.5 mm ²)	6	1492-PBC2
1492-PD3183	3	335		400 MCM... #6 AWG (185...16 mm ²)	1		#2...14 AWG (35...2.5 mm ²)	8	1492-PBC8
1492-PD3263	3	350		2/0...#14 AWG (70...2.5 mm ²)	2		#4...14 AWG (25...2.5 mm ²)	6	1492-PBC2
1492-PD31123	3	380		500 MCM... #6 AWG (240...25 mm ²)	1		#2...14 AWG (35...2.5 mm ²)	12	1492-PBC3
1492-BF	1	420		600 MCM... #4 AWG (300...25 mm ²)	1		600 MCM... #4 AWG (300...25 mm ²)	1	1492-PBC6
1492-PD3226	3	620		350 MCM... #6 AWG (185...16 mm ²)	2		350 MCM... #6 AWG (185...16 mm ²)	2	1492-PBC3
1492-BG	1	760		500 MCM... #4 AWG (240...25 mm ²)	2		500 MCM... #4 AWG (240...25 mm ²)	2	1492-PBC7
1492-PD3287	3	760		500 MCM... #6 AWG (240...25 mm ²)	2		#2/0...14 AWG (70...2.5 mm ²)	8	1492-PBC3
1492-PD32127	3	760		500 MCM... #6 AWG (240...25 mm ²)	2		#4...14 AWG (25...2.5 mm ²)	12	1492-PBC3















Copper Connectors

Cat. No.	Line					Load			
	No. of Poles	Amperage	Connector Configuration	Wire Range for Line	Wires Per Pole for Line	Connector Configuration	Wire Range for Load	Wires Per Pole for Load	Power Block Cover
Open Style — Copper Connectors									
1492-PD3C111	3	150		1/0...#16 AWG (50...0.75 mm ²)	1		1/0...#16 AWG (50...0.75 mm ²)	1	1492-PBC1
1492-PD3C141	3	175		2/0...#14 AWG (70...2.5 mm ²)	1		#4...14 AWG (25...2.5 mm ²)	4	1492-PBC1
1492-PD3C1123	3	255		250 MCM...#6 AWG (120...16 mm ²)	1		250 MCM...#6 AWG (120...16 mm ²)	1	1492-PBC2
1492-PD3C263	3	350		2/0...#14 AWG (70...2.5 mm ²)	2		#4...14 AWG (25...2.5 mm ²)	6	1492-PBC2
1492-PD3C287	3	760		500 MCM...#4 AWG (240...25 mm ²)	2		#2...14 AWG (35...2.5 mm ²)	8	1492-PBC3
1492-PD3C163	3	380		500 MCM...#4 AWG (240...25 mm ²)	1		#2...14 AWG (35...2.5 mm ²)	6	1492-PBC2
1492-PD3C2127	3	760		500 MCM...#4 AWG (240...25 mm ²)	2		#2...14 AWG (35...2.5 mm ²)	12	1492-PBC3

Enclosed Power Distribution Blocks with Aluminum or 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	175	1		2/0...#14 AWG (70...2.5 mm²)	1	0.38 in. dia.	1492-PDEC1		2/0...#14 AWG (70...2.5 mm²)	1	0.38 in. dia.	1492-PDEC1
1492-PDE1C111												
1492-PDE1141	175	1		2/0...#14 AWG (70...2.5 mm²)	1	0.38 in. dia.	1492-PDEC1		#2...14 AWG (35...2.5 mm²)	4	0.50 in. dia.	1492-PDEC2
1492-PDE1C141												
1492-PDE1225	510	1		250 kcmil...#6 AWG (120...16 mm²)	2	0.72 in. dia.	1492-PDEC3		250 kcmil...#6 AWG (120...16 mm²)	2	0.72 in. dia.	1492-PDEC3
1492-PDE1C225												
1492-PDE1183	335	1		400 kcmil...#6 AWG (185...16 mm²)	1	0.94 in. dia.	1492-PDEC4		#2...14 AWG (35...2.5 mm²)	8	0.50 in. dia.	1492-PDEC2
1492-PDE1C183				2/0...#14 AWG (70...2.5 mm²)		0.72 in. dia.	1492-PDEC4 1492-PDEC3					

UL Listed Power Distribution Blocks with Aluminum or Copper Connectors

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 mm²)	1		2/0...#14 AWG (70...2.5 mm²)	1	1492-PDLC1	1492-PDLM1
1492-PDL3141	175	3		2/0...#14 AWG (70...2.5 mm²)	1		#4...14 AWG (35...2.5 mm²)	4		
1492-PDL31S1	175	3		2/0...#14 AWG (70...2.5 mm²)	1		1/4...20 stud	—		
1492-PDL3161	175	3		2/0...#14 AWG (70...2.5 mm²)	1		#4...14 AWG (35...2.5 mm²)	6		
1492-PDL3163	335	3		400 kcmil...#6 AWG (185...16 mm²)	1		#2...14 AWG (35...2.5 mm²)	6	1492-PDLC2	1492-PDLM2
1492-PDL3194	335	3		600 kcmil...#2 AWG (300...35 mm²)	1		#2...14 AWG (35...2.5 mm²) #2...14 AWG (35...2.5 mm²) 1/0...#14 AWG (55...2.5 mm²)	3 3 3		
1492-PDL31124	335	3		600 kcmil...#2 AWG (300...35 mm²)	1		#2...14 AWG (35...2.5 mm²)	12		

Bulletin 1492
Power Blocks
 Approximate Dimensions

Dimensions are in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

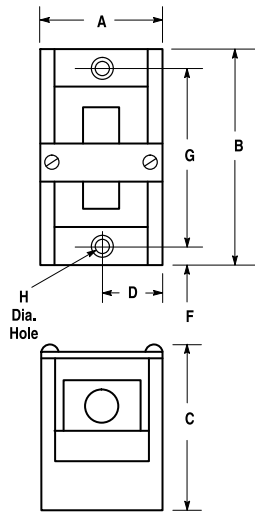


Figure 1

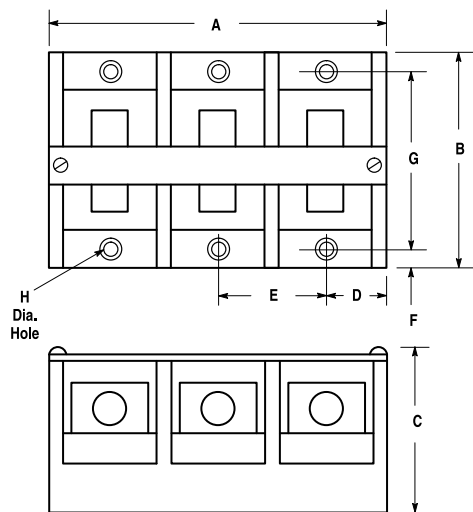


Figure 2

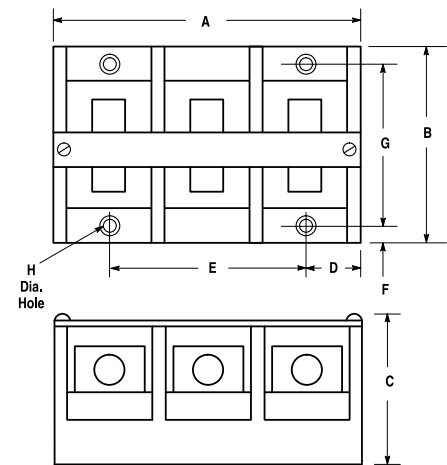
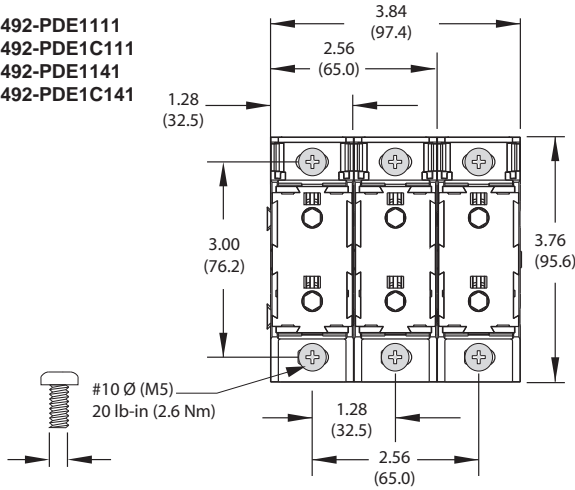


Figure 3

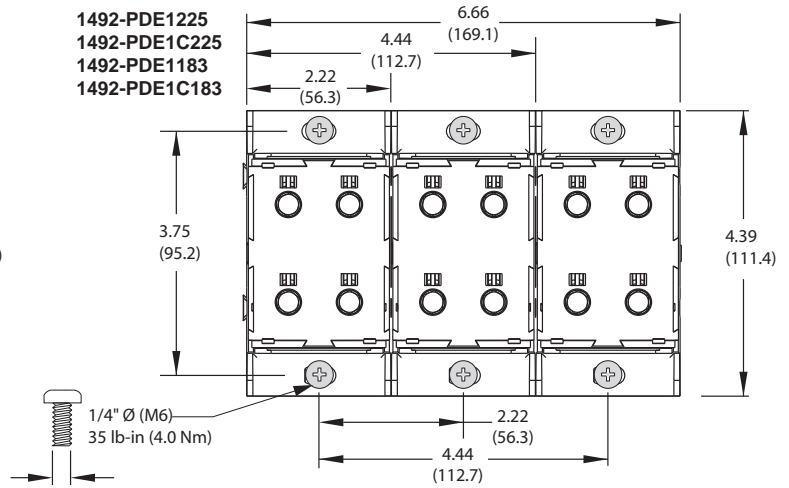
Cat. No.	Figure	A	B	C	D	E	F	G	H
1492-PDM3111	3*	2.03 (51.56)	2.29 (58.17)	1.62 (41.15)	0.38 (9.68)	1.27 (32.26)	0.19 (4.83)	1.93 (49.02)	0.201 (5.11)
1492-PDM3141	3*	2.03 (51.56)	2.29 (58.17)	1.62 (41.15)	0.38 (9.68)	1.27 (32.26)	0.19 (4.83)	1.93 (49.02)	0.201 (5.11)
1492-50Y	1	1.13 (28.7)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	—	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-100Y	1	1.13 (28.7)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	—	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-50X	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-100X	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-50XF	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-50YF	1	1.13 (28.7)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	—	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-PD3C111	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-PD3C141	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-PD3141	3	2.75 (69.85)	2.88 (73.15)	1.88 (47.8)	0.56 (14.22)	1.62 (41.2)	0.31 (7.87)	2.25 (57.15)	0.205 (5.21)
1492-BE	1	1.94 (49.28)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	—	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3C112	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3113	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3263	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3163	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3C163	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-PD3C263	2	5 (127)	4 (101.6)	2.72 (69.1)	0.97 (24.64)	1.53 (38.86)	0.31 (7.87)	3.38 (85.85)	0.203 (5.16)
1492-BF	1	2.28 (57.91)	4.75 (120.65)	2.92 (74.2)	1.12 (28.45)	—	0.31 (7.87)	4.13 (104.9)	0.203 (5.16)
1492-PD3183	2	6.04 (153.42)	4.75 (120.65)	2.92 (74.2)	1.12 (28.45)	1.88 (47.75)	0.31 (7.87)	4.13 (104.9)	0.203 (5.16)
1492-BG	1	3.17 (80.25)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	—	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD31123	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3287	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD32127	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3226	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3C2127	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)
1492-PD3C287	2	8.54 (216.92)	5.50 (139.7)	3.23 (82.0)	1.58 (40.13)	2.69 (68.58)	0.38 (9.68)	4.75 (120.65)	0.265 (6.73)

* No marker strip.

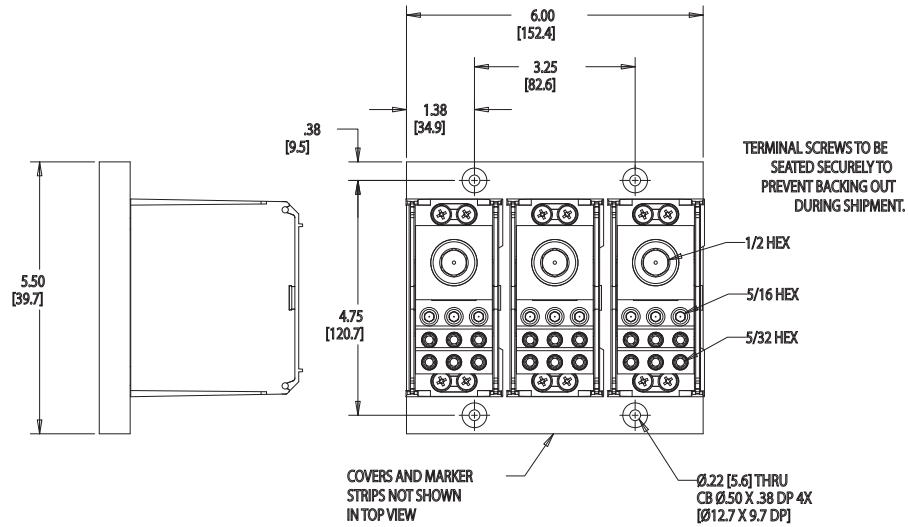
1492-PDE1111
 1492-PDE1C111
 1492-PDE1141
 1492-PDE1C141



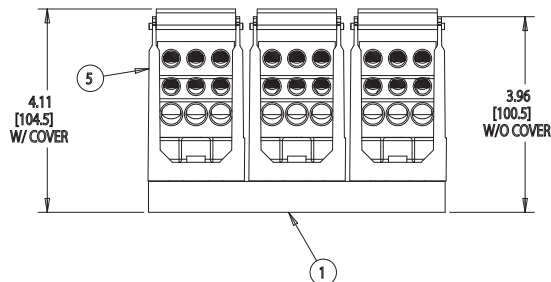
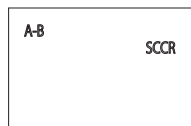
1492-PDE1225
 1492-PDE1C225
 1492-PDE1183
 1492-PDE1C183



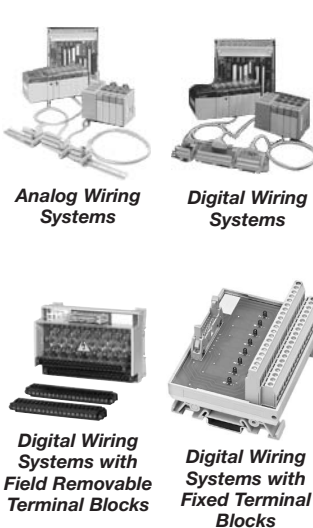
Bulletin No. 1492-PDE



NAMEPLATE/SCCR LABEL LOCATED ON THIS SIDE OF POWER BLOCK



Bulletin No. 1492-PDL

 <p>Analog Wiring Systems</p> <p>Digital Wiring Systems</p> <p>Digital Wiring Systems with Field Removable Terminal Blocks</p> <p>Digital Wiring Systems with Fixed Terminal Blocks</p>	<h3>Bulletin 1492 Programmable Controller Wiring Systems</h3> <ul style="list-style-type: none"> Increases machine building productivity Simplifies design and engineering time Reduces wiring time and wiring errors Benefits from quality-looking panels <h3>Standards Compliance and Certifications</h3> <ul style="list-style-type: none"> Agency Certifications for Modules and Cables cULus: Hazardous Locations: Class I Div 2 (all except modules with relays); Groups A, B, D, and D. Temperature Code: T3C @ 60 °C. UL File No. E10314, Guide No. NRAQ cULus: Ordinary Locations; Module with relays; UL File No. E11372 Guide No. NRAQ Agency Certification Modules Factory Mutual (FM): Hazardous Locations; Class I Div 2 (all except modules with relays); Groups A, B, C, and D. Temperature Rating: T3C @ 60 °C. FM file J.I.3000590 CE Certifications Compliant for all applicable directives 	<h3>Table of Contents</h3> <p>Description this page</p> <p>Catalog Number</p> <p>Explanation 12-128</p> <p>Selection Tables 12-126</p> <p>Digital IFM Specifications 12-156</p> <h3>Standards Compliance and Certifications, Continued</h3> <ul style="list-style-type: none"> UL 508 UL 1604 CSA C22.2 No. 14 CSA C22.2 No. 213 EN/IEC 61131-2
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Description

Connecting to Allen-Bradley I/O is convenient with Allen-Bradley Interface Modules and Cables. Unlike conventional terminal blocks, they connect through pre-wired cables to digital and analog I/O for the Bulletin 1746 SLC, Bulletin 1756 ControlLogix, Bulletin 1769 Compact I/O for CompactLogix and MicroLogix 1500, and Bulletin 1771/PLC-5 platforms. Limited solutions are also available for the MicroLogix 1200 and 1500 base I/O and for the PowerFlex 700H and 700S drives. The interface modules are mounted onto a standard DIN #3 Rail. Pre-printed adhesive label cards containing field-wiring information are available for each interface module and I/O module combination. Wiring systems are available for over 100 different I/O modules and over 50 analog modules. In addition, we offer a custom wiring system program for those applications that do not meet your system requirements.

Benefits

Reduced Wiring Time

Wiring is completed in a fraction of the time when wiring systems are used, as compared with the traditional method of wiring each point to the I/O swing arm and field-side terminal blocks. Pre-wired cables are factory-wired to the I/O wiring arm on one end and a connector for the Interface Module (IFM) on the other. IFMs enhance the capability of the I/O systems with added terminations, field-side LED status indicators, isolation circuits, overcurrent protection, and higher amperage outputs. Both standard and specific build-to-order length cables are available, providing the correct length for any panel in a neat, space-efficient wiring solution.

Reduced Wiring Errors

Wiring system cables are pre-tested to ensure 100% accurate connections and eliminate the need for point-to-point checking of wiring. No more crossed wires and loose connections between the I/O module and the terminal block. Even one error in wiring 128 I/O points in a point-to-point system may require a complete check of the wiring. Wiring errors can take several minutes to track down and correct before the panel is ready for startup. When IFMs and cables are snapped in place, they fit every time — no need to find the wrong or loose connection, resulting in a much higher rate of success at system startup.

Faster Troubleshooting and Easier Maintenance

Normal terminal blocks can't offer the benefits of IFMs, such as LED indication on each I/O point. Wiring systems improve system startup and ease troubleshooting and maintenance. Diagnostic capabilities in the form of fuses, blown fuse indication, and field-side ON-State LEDs — in a reduced space — allow maintenance personnel to quickly locate faults, reduce downtime, and improve overall productivity.

Increased Volume and Productivity

Cable interconnections for a wiring system can be up to 30 times faster to install than traditional point-to-point wiring, enabling OEMs and panel builders using wiring systems to build panels faster and produce more machines.

Reduced Wire Preparation and Routing

Pre-wired cables eliminate the time and costs associated with stripping and cutting wires. Routing wires is much easier with wiring systems, since engineers only have to worry about routing one pre-wired cable versus the 20 or 40 wires needed in the traditional wiring method.

Labeling and Marking

Pre-printed, I/O-specific adhesive label strips for quick marking of IFM terminals save labor compared with point-to-point wiring that requires labor-intensive wire markers. Pre-wired cables require no wire labels. Pre-printed I/O-specific labels ensure neat, easy-to-read identification of wires and I/O points for all users. The marking of traditional terminal blocks has even caused some OEMs to move toward a high-tech approach of plotting markers, requiring additional equipment in the form of a plotter system and a PC to run the plotter software.

Simplified Design

Design engineers can simplify their panel drawings by calling out an IFM and pre-wired cable instead of having to detail every single wire and terminal block on their drawings. Simplified panel drawings aid not only the installer, but also the end customer who receives the panel.

Increased DIN Rail Density

An increasing trend in the industry is to pack more products into the same DIN Rail space. Wiring systems support this trend, as they require less DIN Rail space than traditional terminal blocks. For example, if an OEM were to use a 40-point IFM in place of 40 terminal blocks, DIN Rail space can be reduced by more than 50%. All IFMs have terminals for connecting the I/O field wiring. In addition, extra terminal, sensor, fusible, and relay IFMs contain common terminals that are used as power busses for sensor and actuators. No additional terminal blocks are needed to provide power to the sensors/actuators — saving valuable panel/DIN Rail space. To further reduce panel space, narrow IFMs (e.g., Cat. No. 1492-IFM20FN) have been designed. They require 45% less space than the standard length IFMs, making them well-suited for tightly packed enclosures. The high density narrow IFMs have two rows of 10 field-wiring terminals with an overall length of 60 mm (2.36 in.)

Quality-Looking Panels

The pre-wired cables and IFMs organize the wiring in your panel and provide a consistent look. Pre-printed adhesive labels for the terminals neatly identify field-wiring connections, which correspond to the I/O module address. A large marking area is also available for identifying I/O information on the IFM.

Fewer Parts, Less Inventory, and Lower Carrying Cost

A wiring system involves an IFM and the cable, versus the block, barrier, jumper, markers, wires, and swing arms associated with traditional hardwired systems. Therefore, it requires fewer components and, in turn, less inventory and lower carrying costs.

Digital Interface Modules (IFMs)

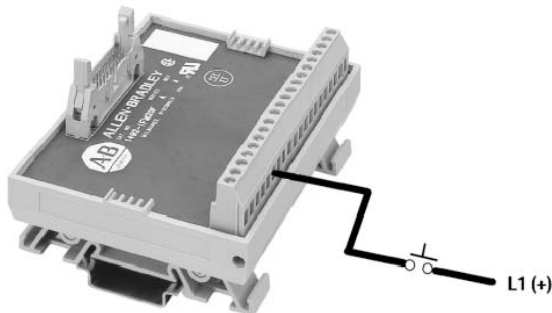
Digital IFMs are available with either a 20- or 40-pin cable connector. This is determined by the number of connections required for the I/O module.



40-pin Connection Interface Module

The number of terminals varies with the type of IFM — from one to four terminals per I/O point.

Standard terminal IFMs provide **one field-side** wiring terminal per programmable controller input or output point, as well as enough terminals for the I/O module power connections. The standard terminals are ideal for applications where the I/O device commons are terminated in the field or remotely from the I/O panel.



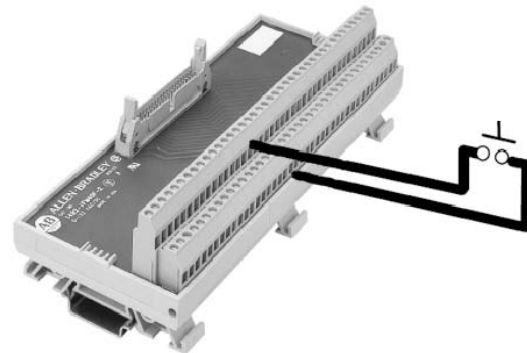
Standard Terminal Interface Module

Extra terminal IFMs provide **two or four field-side** terminals per input or output point. Non-isolated IFMs have two terminals per input or output point. Isolated IFMs have two or four terminals per input or output point.

Design Flexibility

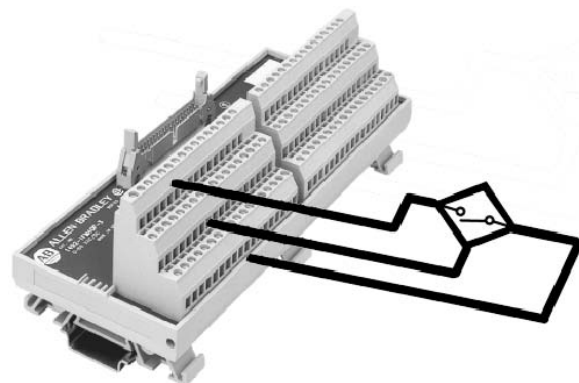
To develop a cost-effective system, the hardware components must meet the needs of the design engineer. Rockwell Automation provides the broadest range of digital and analog systems in the industry. Allen-Bradley wiring systems deliver a lower life cycle cost.

Isolated IFMs have terminals isolated into 8 or 16 groups, which allows each group of I/O devices to reference a different power source. The extra terminal IFMs are beneficial in applications where the I/O devices are terminated within the same panel as the I/O modules — eliminating the need for many additional terminal blocks.



Extra Terminal Interface Module

Sensor IFMs provide three field-side terminals per input point. The middle and lower rows of the terminals are commoned together in groups of 18, and serve as power busses for 3-wire sensor types of devices — eliminating additional terminals, blocks, and jumpering systems.



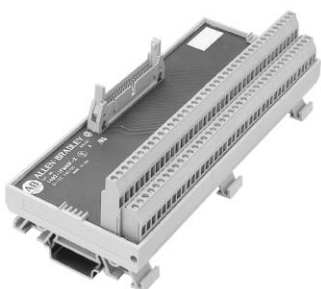
Three-Level Sensor Terminal Interface Module

Feed-Through Digital Interface Modules

Feed-through IFMs provided the same capability as normal terminal blocks, but in a more condensed package.



Feed-through Standard Terminal Products
 For 20-point: Cat. No. 1492-IFM20F, 1492-IFM20FN
 For 40-point: Cat. No. 1492-IFM40F



Feed-through Extra Terminal Products
 For 20-point: Cat. No. 1492-IFM20F-2
 For 40-point: Cat. No. 1492-IFM40F-2



Feed-through Sensor Terminal Products
 For 20-point: Cat. No. 1492-IFM20F-3
 For 40-point: Cat. No. 1492-IFM40F-3



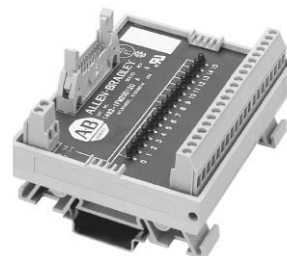
Sensor Terminal IFM with 40-pin cable connector for 3-wire sensor devices: Cat. No. 1492-IFM40F-3
and Standard Terminal Narrow IFM with 20-pin cable connector: Cat. No. 1492-IFM20FN

LED-Indicating Digital Interface Modules

Voltage-indicating LEDs are available on standard, extra terminal, and sensor IFMs. The LEDs provide field-side troubleshooting diagnostics: the on/off status of an input device or the on/off status of the programmable controller output circuit. When used in conjunction with the logic-side programmable controller LEDs, the IFM LEDs can help determine whether a problem resides in the I/O module or in the field device/wiring. LED IFMs are available in both Isolated (Cat. No. 1492-IFM20DS24-4) and non-Isolated (Cat. No. 1492-IFM20D120) versions for 24V, 120V, and 240V applications.



LED Indicating Standard Terminal Products
 For 20-point: Cat. No. 1492-IFM20D24, 1492-IFM20D120, 1492-IFM20D120N
 For 40-point: Cat. No. 1492-IFM40D24

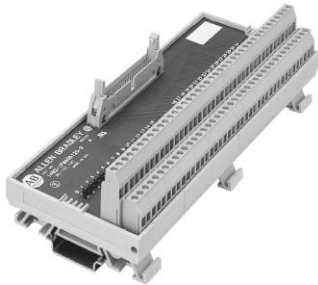


20-pin cable connector ON-state LED Narrow module for 24V: Cat. No. 1492-IFM20D24N,
20-point LED module for 120V Cat. No. 1492-IFM20D120,
and 20-pin cable connector LED Isolated module for 24V: Cat. No. 1492-IFM20DS24-4



LED Indicating Extra Terminal Products
 For 20-point: Cat. No. 1492-IFM20D24-2, 1492-IFM20D24A-2,
 1492-IFM20D120-2,
 1492-IFM20D120A-2, 1492-IFM20D240-2, 1492-IFM20D240A-2
 For 40-point: Cat. No. 1492-IFM40D24-2, 1492-IFM40D24A-2,
 1492-IFM40D120-2, 1492-IFM40D120A-2

LED Indicating Sensor Terminal Products
 For 20-point: Cat. No. 1492-IFM20D24-3
 For 40-point: Cat. No. 1492-IFM40D24-3



LED Indicating 4 Terminal Products
 For 20-point: Cat. No. 1492-IFM20DS24-4, 1492-IFM20DS120-4
 For 40-point: Cat. No. 1492-IFM40DS24-4, 1492-IFM40DS24A-4,
 1492-IFM40DS120-4, 1492-IFM40DS120A-4, 1492-IFM40DS240-4



40-pin cable connector ON-state LED module for 24V:
 Cat. No. 1492-IFM40D24

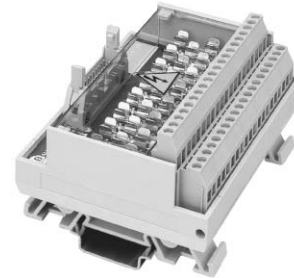
40-pin cable connector LED module for 120V with extra terminals:
 Cat. No. 1492-IFM40D120-2

40-pin cable connector LED Isolated Input module for 24V:
 Cat. No. 1492-IFM40DS24A-4

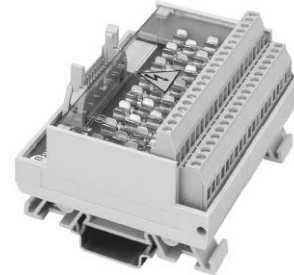
Fusible Digital IFMs

Fusible modules provide a convenient method of adding overcurrent protections into your programmable controller wiring. These modules have 5 x 20 fuse holders on-board and are available with and without blown fuse indication. The 24V, 120V, and 240V blown fuse indicators reduce the troubleshooting time to locate and replace a blown fuse on the IFM. Fusible modules have an easy-to-remove, transparent plexiglass cover that prevents objects from contacting fuse circuitry under normal operation. Removal of fuses from the standard fuse holder is aided by fuse pullers (fuses not provided). The fusible modules also have two or four terminals per I/O point to create a power bus for input and output load

connections. Fusible modules are available in both isolated (Cat. No. 1492-IFM20F-FS24-2) and nonisolated (Cat. No. 1492-IFM20F-F24-2) versions. There are a select number of fusible IFMs available for input modules.



Fused Extra Terminal Products
 For 20-point: Cat. No. 1492-IFM20F-F-2, 1492-IFM20F-F24-2,
 1492-IFM20F-F24A-2, 1492-IFM20F-F120-2, 1492-IFM20F-F120A-2, 1
 492-IFM20F-F240-2, 1492-IFM20FS-F-2, 1492-IFM20FS-F24-2,
 1492-IFM20FS-F24A-2
 For 40-point: Cat. No. 1492-IFM40F-F-2, 1492-IFM40F-F24-2,
 1492-IFM40F-F120-2, 1492-IFM40FS-F-2, 1492-IFM20FS-F24-2,
 1492-IFM20FS-F120-2, 1492-IFM20FS-F24-4, 1492-IFM20FS-F24A-4,
 1492-IFM20FS-F120-4, 1492-IFM20FS-F120A-4, 1492-IFM40FS-F240-4



Fused 4 Terminal Products
 For 20-point: Cat. No. 1492-IFM20FS-F120-4, 1492-IFM20FS-F120A-4,
 1492-IFM20FS-F240-4
 For 40-point: Cat. No. 1492-IFM20FS-F24-4, 1492-IFM20FS-F24A-4,
 1492-IFM20FS-F120-4, 1492-IFM20FS-F120A-4, 1492-IFM40FS-F240-4,
 1492-IFM40F-FS240A-4



40-pin cable connector Isolated Fusible module (no fuse blown indication): Cat. No. 1492-IFM40F-FS-2
40-pin cable connector Isolated Fusible module with 24V blown fuse indication: Cat. No. 1492-IFM40F-FS24A-2



Programmable Controller Wiring Systems

Overview, Continued

Relay Master/Expander XIMs Cat. No. Explanation for Digital I/O Modules

Relay master and expander XIMs are available for Bulletin 1746, 1756, 1769, and 1771 digital output modules.

Relay Master XIM — Provides 8 or 16 relay outputs for a digital output module. There are 16 relays with fusing.

Expander XIM — In addition to the relay master XIM, an expander XIM provides eight additional outputs. There are three types of expander XIMs: eight-channel relays, eight-channel fusing, and eight-channel feed-through XIMs, sixteen channel relays, sixteen channel relays with fusing.

Relay Masters

Relay Master



Relay Master with Fusing



Relay Masters Products
 For 20-point: Cat. No. 1492-XIM2024-8R, 1492-XIM2024-16R,
 1492-XIM20120-8R, 1492-XIM20120-16R
 For 40-point: Cat. No. 1492-XIM4024-16R

Relay Expanders

Relay Expander (8 Outputs)



Relay Expander Products
 Cat. No. 1492-XIM24-8R, 1492-XIM24-16RF, 1492-XIM120-8R

Relay Expander (16 Outputs) with Fusing



Relay Masters with Fuse Holders Products
 For 20-point: Cat. No. 1492-XIM2024-16RF, 1492-XIM20120-16RF
 For 40-point: Cat. No. 1492-XIM4024-16R

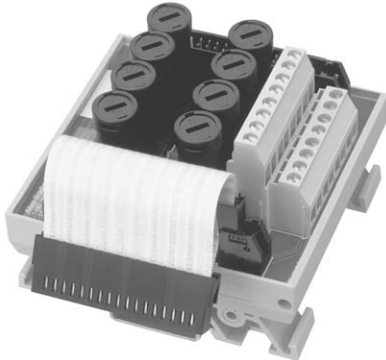
Relay expander XIMs feature field-replaceable relays with 120V or 24V rated coils. The field-side Form C contacts are rated 240V 10 A (de-rated to 12 A per adjacent pair on the XIM). The Form C relay output provides isolated output channels and a different voltage level from one output channel to the next. Other features include coil-side LED indicating the output module status, and transient suppression on each coil. In addition, a relay expander can have 5x20 fuse holders so customers can fuse the output contacts. An expander cable is provided for connection to the mating module.

Relay master XIMs feature field-replaceable relays with 120V or 24V rated coils. The field-side Form C contacts are rated 240V 10 A (de-rated to 12 A per adjacent pair on the XIM). The Form C relay output provides isolated output channels and a different voltage level from one output channel to the next. Other features include coil-side LED indicating the output module status, and transient suppression on each coil. In addition, some relay masters have 5x20 fuse holders so customers can fuse the output contacts.

Relay and Expandable Digital Interface Modules, Continued

Fusible Expanders

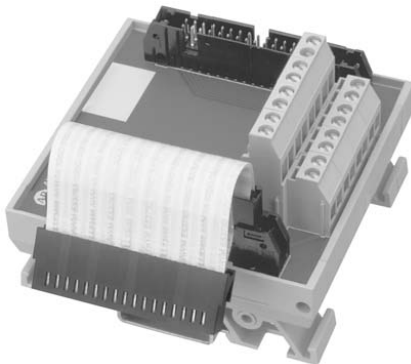
The fusible expander modules feature eight 5 x 20 finger-safe fuse holders, blown fuse indicators, and extra terminals for landing two wires per field-side device. They are offered with eight fuse holders for both 24V and 120V applications. An expander cable is provided for connection to its mating module.



Fused Expander Products
Cat. No. 1492-XIMF24-2, 1492-XIMF-120-2

Feed-Through Expanders

The feed-through expander modules feature eight channels with extra terminals for landing two wires per field-side device. An expander cable is provided for connection to its mating module.

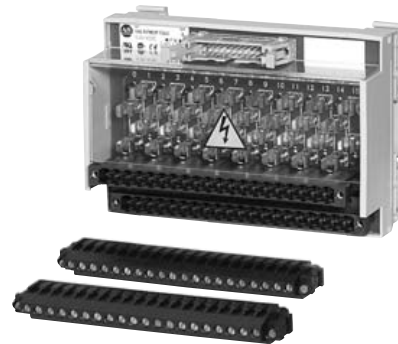


Feedthrough Expander Products
Cat. No. 1492-XIMF-2

Digital IFM Modules with Field Removable Terminal Blocks (RTBs)

Select groups of standard, fused, and relay digital 1492 wiring system modules (refer to selection tables) have Field-Removable Terminal Blocks (RTBs). This RTB feature can provide easier wiring of field devices in a control cabinet where the IFM is located in a hard-to-reach area, or where hand-access is limited. It can also provide easier and faster replacement of a damaged or defective Bul. 1492 wiring system module. The removable plug portion of the RTB assembly has a screw at each end to securely fasten it to the RTB socket, which is mechanically secured to the module circuit board hand housing. Modules are shipped with the RTB socket, but without the removable plug(s). Plugs are available with screw-style or push-in style terminals and must be ordered separately. Refer to the selection tables for the particular PLC I/O system of interest to determine which modules are offered with field removable terminal blocks.

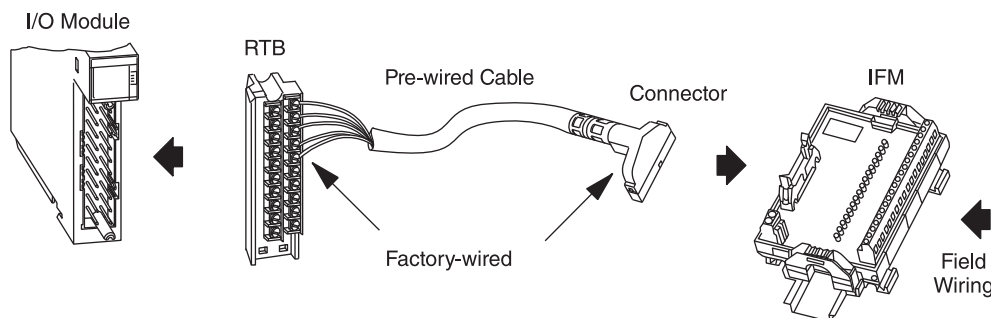
All of the features available on fixed terminal block products (e.g., labels, agency certification, etc.) are also provided for the removable terminal block 1492 wiring system modules.



Digital Pre-Wired Cables

1492-Pre-wired cables are designed to minimize control wiring in a panel. Pre-wired cables, when used with an IFM, replace the point-to-point wiring between Allen-Bradley programmable controller I/O modules and individual terminal blocks. The pre-wired cables have a removable terminal block or wiring arm at the PLC end of the cable and a cable connector on the other end to connect to the IFM. All of the pre-wired cables use a #22 AWG wire and are 100% tested for continuity to make a perfect connection every time. The digital pre-wired cables are offered in four standard lengths of 0.5, 1.0, 2.5, and 5.0 m to fit a variety of applications. Other length cables are also available as build to order products. Pre-wired cables are available for many of the 1746 SLC I/O, 1756 ControlLogix I/O, 1769 Compact I/O, MicroLogix 1500 base I/O, MicroLogix 1200 (1762-L40xx) embedded I/O, and 1771 PLC-5 I/O.

Pre-wired Cable with IFM



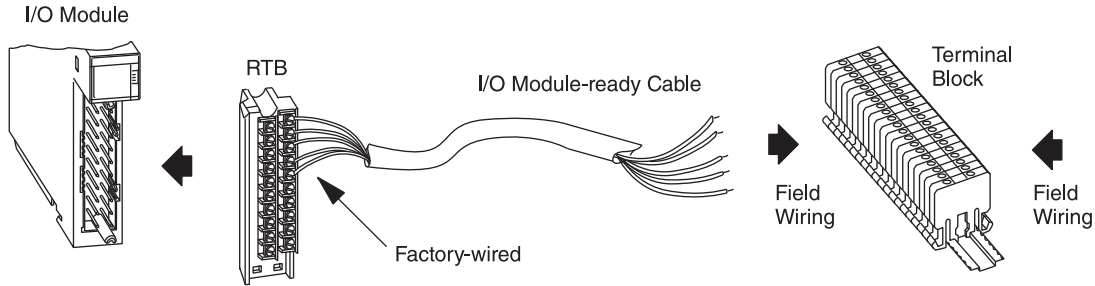
Pre-wired Cable and Interface Module

Ready-to-Wire Digital Cables

Digital I/O Ready Cable

I/O-ready cables have an I/O removable terminal block or wiring arm factory-wired to one end to the cable and free connectors on the other end for wiring into standard terminal blocks or other type of connectors. I/O-ready cables have individual color-coded conductors for quick wire-to-terminal coordination. The I/O-ready cables use #18 AWG conductors for higher current applications or longer cable runs. The I/O-ready cables are offered in standard lengths of 1.0, 2.5, and 5.0 m to fit a variety of applications. Other cable lengths are also available as build-to-order products. Pre-wired cables are available for the Bulletin 1746 SLC I/O, Bulletin 1756 ControlLogix I/O, Bulletin 1769 Compact I/O, MicroLogix 1500 base I/O, MicroLogix 1200 (1762-L40xx) embedded I/O, and Bulletin 1771 PLC-5 I/O.

I/O Module-ready Cable

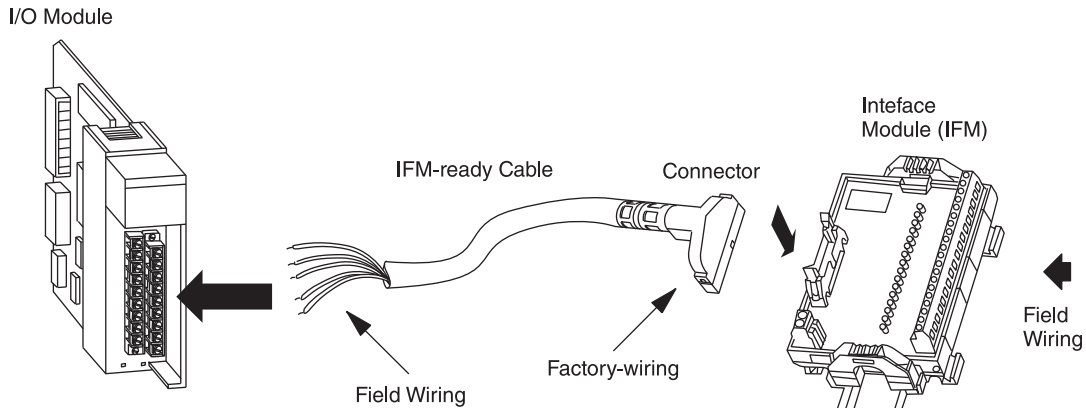


I/O-Ready Cable and Standard Terminal Blocks

IFM-Ready Cable

IFM-ready cables have a cable connector that attached to the IFM factory wired to one end and free connectors ready to wire to I/O modules or other components on the other end. IFM-ready cables use #22 AWG wire and have individual color-coded conductors for quick wire-to-terminal coordination. The digital IFM-ready cables are offered in standard lengths of 1.0, 2.5, and 5.0 m to fit a variety of applications. Other cable lengths are also available as build-to-order products.

IFM-ready Cable with IFM



IFM-Ready Cable and Interface Module

Analog Interface Modules (IFMs)

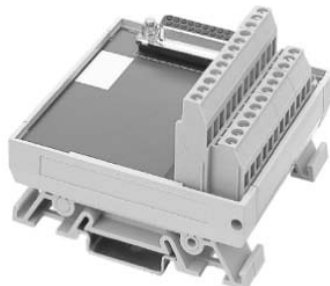
Analog IFMs are available with either 15- or 25-pin D-Shell connections. This is determined by the number of connections that are required by the I/O module.

Feed-Through Analog Interface Modules

Feed-through IFMs provide the same capability as normal terminal blocks but in a more condensed package. Standard terminal IFMs provide **three field-side** wiring terminals per programmable controller analog input or output point, which includes enough terminals for the device shield and power connections.



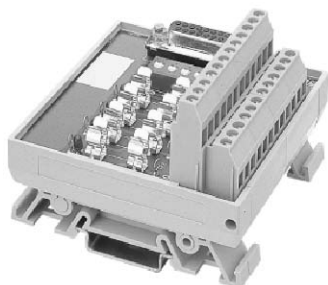
Standard Terminal 4-channel IFM with 15 connections: Cat. No. 1492-AIFM4-3
Isolated Standard Terminal 6-channel IFM with 25 connections: Cat. No. 1492-AIFM6S-3, 1492-AIFM8-3



Standard Terminal 8-channel IFM with 25 connections for 3-wire sensor devices: Cat. No. 1492-AIFM8-3

Fusible Analog Interface Modules

Fusible analog interface input modules provide a convenient method to fuse the input power source on the field side. The field-side power source is distributed through individual on-board 5 x 20 fuse holders. The AIFMs have a 24V DC blown fuse indicators to reduce the troubleshooting time required to locate and replace a blown fuse. Fusible modules have an easy-to-remove transparent plexiglass cover to prevent objects from contacting fuse circuitry under normal operation. Standard fuse holders reside in the IFM, aiding in the removal of a fuse with a fuse puller (fuses are not included). Isolation switch plugs, or “dummy fuses”, are also available to isolate an input circuit once power is removed. In addition, once the circuit has been isolated and power restored, the input loop current can be measured in 2-wire transmitter applications. The fusible modules also have three or five terminals per I/O analog input point to create a power bus for device shield and power connections.



Analog Fused Products
 Cat. No. 1492-AIFM4C-F-5, 1492-AIFM4F-F-5, 1492-AIFM8-F-5,
 1492-AIFM16-F-3, 1492-AIFM16-F-5



Fused 4-channel module with 24V blown fuse indication, test points and 5 terminals per input: Cat. No. 1492-AIFM4I-F-5
8-channel input module with 24V blown fuse indication and 5 terminals per input: Cat. No. 1492-AIFM8-F-5



Fused 16-channel module with 24V blown fuse indication, test points and 3 terminals per input: Cat. No. 1492-AIFM16-F-3
16-channel input module with 24V blown fuse indication and 5 terminals per input

Analog AIFM Modules with Field Removable Terminal Blocks (RTBs)

Select groups of analog 1492 wiring system modules (refer to Selection Tables) have Field-Removable Terminal Blocks (RTBs). This RTB feature can provide easier wiring of field devices in a control cabinet where the IFM is located in a hard to reach area, or where hand-access is limited. It can also provide easier and faster replacement of a damaged or defective 1492 wiring system module. The removable plug portion of the RTB assembly has a screw at each end to securely fasten it to the RTB socket, which is mechanically secured to the module circuit board and housing. Modules are shipped with the RTB socket, but without the removable plug(s). Plugs are available with screw style or push-in style terminals and must be ordered separately. Refer to the selection tables for the particular PLC I/O system of interest to determine which modules are offered with field-removable terminals blocks.

All of the features available on analog fixed terminal block products (e.g., labels, agency certification, etc.) are also provided for the field-removable terminal block 1492 wiring system modules.



Thermocouple Analog Interface Modules

The Cat. No.1492-AIFM6TC-3 Thermocouple IFM for the Cat. No. 1756-IT6I ControlLogix I/O module provides on-board cold junction compensation to allow thermocouples to be connected remotely while still correcting for temperature at the termination point. The combination thermistor and isothermal bar acquire temperature data at the AIFM for the thermocouple to adjust the input value.



Thermocouple 6-channel module with isothermal bar and 3 terminals per output: Cat. No. 1492-AIFM6-TC-3

Programmable Controller Wiring Systems

Overview, Continued/Catalog Number Explanation

Analog Pre-Wired Cables

Bulletin 1492 pre-wired cables are designed to minimize control wiring in a panel. Pre-wired cables, when used with an analog IFM, replace the point-to-point wiring between Allen-Bradley programmable controller I/O modules and individual terminal blocks. The pre-wired cables have a removable terminal block or wiring arm from the PLC on one end of the cable and a D-Shell connector with a slide-locking mechanism on the other to connect to the IFM. Most pre-wired cables use twisted pairs and all have shield to aid noise immunity of the low-level analog signals. Most cables have a prepared drain wire with a ring lug at the I/O module end of the cable for convenient grounding of the cable shield to the chassis. They are 100% tested for continuity to make a perfect connection every time. The analog pre-wired cables are offered in four standard lengths of 0.5, 1.0, 2.5, and 5.0 m to fit a variety of applications. Other length cables are also available as build-to-order products. Pre-wired analog cables are available for many of the Bulletin 1746 SLC I/O, Bulletin 1756 ControlLogix I/O, Bulletin 1769 Compact I/O for MicroLogix 1500, and Bulletin 1771 PLC-5 I/O modules.

This catalog provides reference to catalog number selection and configuration. **For the fastest and most complete 1492 Wiring System Product Selection go to <http://www.rockwellautomation.com/en/e-tools/>.** This tool will provide:

- Catalog number configuration of interface modules and appropriate pre-wired cables
- Field-side wiring diagrams for each interface module
- Pre-wired cable pinouts
- eCADWorks
- Label card information
- User documentation specification for each interface module

Selection Tables

Use of Selection Tables

- Locate I/O module required. The top row indicates the I/O module for the I/O platform.
- Locate the interface module required. The second and third column indicates the interface module catalog number.
- Determine if an interface module exists for the I/O module; indicated by “Letter Code” in row (interface catalog number) and the column (I/O module).
- Locate cable. This is the letter indicated by “Letter Code” in the row (interface catalog number) and the column (I/O module). The “Letter Code” represents the suffix of the pre-wired cable.
- Determine cable catalog number. Add 1492-CABLE_ _ _ “Letter Code”, example 1492-CABLE_ _ _ A.
- Determine length of cable required, standard lengths are 0.5, 1.0, 2.5, and 5.0 m; which represents 005, 010, 025 and 050 for _ _ _ in the cable catalog number. Example 1492-CABLE010A = a 1.0 m cable with “Letter Code” A.

Important: The following cat. no. breakdown is for explanatory purposes only. It is not a product configurator. Not all combinations of fields are valid cat. nos. Use this breakdown for verification and explanation only.

$$1492 - \frac{RTB}{a} \quad \frac{20}{b} - \frac{N}{c}$$

a

Removable Terminal Block Plug

b

Number of Poles/Terminal	
Code	
8	
12	
14	
16	
17	
20	

c

Connector Style	
Code	Description
N	Screw Style
P	Push-in Style

Programmable Controller Wiring Systems

Catalog Number Explanation, Continued

Important: Use the following tables as a product confiurator for pre-wired, and I/O module-ready cables for Bulletin **1762 MicroLogix 1200** 40 I/O controller digital I/O cables. All combination of these fields make valid product catalog numbers. Refer to selection tables for IFM compatibility, additional cables, and ordering.

1492 – CAB 010 – A62

<i>a</i>	<i>b</i>		<i>c</i>	
a	b		c	
Digital Interface Cable	Standard or Build-to-Order Length Cables		Cable Type	
	Code	Length	Code	
			Description	
	005	0.5 m (1.64 ft)	Standard Length	
	010	1.0 m (3.28 ft)		
	025	2.5 m (8.20 ft)		
	050	5.0 m (16.40 ft)		
	001-020	0.1...2.0 m (0.328...6.56 ft) 0.1 m (0.328 ft increments)	Build-to-Order Length	
	020-100	2.0...10.0 m (6.56...32.8 ft) 0.5 m (1.64 ft increments)		
	100-300	10.0...30.0 m (32.8...98.42 ft) 1.0 m (3.28 ft increments)		
			Code	
			Description	
			A62, B62	Pre-wired cables for Bulletin 1762 I/O controllers
			X62	I/O-ready cable for 1762-L40AWA, and -L40BWA
			T62	I/O-ready cable for 1762-L40AWA, -L40BWB, and -L40BWA outputs

Important: Use the following tables as a product confiurator for pre-wired, and I/O module-ready cables for Bulletin **1764 MicroLogix 1500 base unit** digital I/O cables. All combination of these fields make valid product catalog numbers. Refer to selection tables for IFM compatibility, additional cables, and ordering.

1492 – CAB 010 – A64

<i>a</i>	<i>b</i>		<i>c</i>	
a	b		c	
Digital Interface Cable	Standard or Build-to-Order Length Cables		Cable Type	
	Code	Length	Code	
			Description	
	005	0.5 m (1.64 ft)	Standard Length	
	010	1.0 m (3.28 ft)		
	025	2.5 m (8.20 ft)		
	050	5.0 m (16.40 ft)		
	001-020	0.1...2.0 m (0.328...6.56 ft) 0.1 m (0.328 ft increments)	Build-to-Order Length	
	020-100	2.0...10.0 m (6.56...32.8 ft) 0.5 m (1.64 ft increments)		
	100-300	10.0...30.0 m (32.8...98.42 ft) 1.0 m (3.28 ft increments)		
			Code	
			Description	
			A64, B64, C64, F64	Pre-wired cables for Bulletin 1764 I/O base units
			W64	I/O-ready cable for 1762-24AWA, and -24BWA base unit inputs
			T64	I/O-ready cable for 1762-24AWA, -24BWA base units outputs
			U64	I/O-ready cable for 1764-28BWB base unit outputs

Programmable Controller Wiring Systems

Catalog Number Explanation, Continued

Important: The following cat. no. breakdown is for explanatory purposes only. It is not a product configurator. Not all combinations of fields are valid cat. nos. Use this breakdown for verification and explanation only.

The cables used for Relay Master/Expander XIMs are the same as those used for Digital I/O Modules with the exception of the Cat. No. 1746-OA16 output module, which uses the 1492-CABLE*CR cable.

1492 – IFM 20 F-120 – 2

a b c d

a

Modules	
Code	Description
IFM	Digital Interface Modules with Fixed Terminal Block
RIFM	Digital Interface Modules with Removable Terminal Block

c

Module Type (all types do not configure a catalog number)	
Code	Description
A	Input Module
F	Feedthrough
F24	Fused 24 Volt
F120	Fused 120 Volt
FS	Fused Isolated
D	LEDs
N	Narrow
24	24 Volt
120	120 Volt
240	240 Volt

d

Number of Field Side Wiring Terminals	
Code	Description
Blank	One per I/O connection (Standard Terminals)
2	Two per I/O connection (Extra Terminals)
3	Three per I/O connection (Sensor Terminals)
4	Four per I/O connection (Special Terminal)

b

Digital Cable Connector Size	
Code	Description
20	20 pins
40	40 pins

Important; The following AIFM Cat. No. breakdown is for explanation purposes only. It is not a product configurator. Not all combinations of fields are valid product cat. nos. Use this breakdown for verification and explanation only.

1492 – AIFM 16-F – 5

a b c

a

Modules	
Code	Description
AIFM	Analog Interface Module with Fixed Terminal Block
RAIFM	Analog Interface Module with Removable Terminal Block

b

Module Type (all types do not configure a catalog number)	
Code	Description
4	4 channel
C	Combination
6	6 channel
8	8 channel
16	16 channel
F	Fused

c

Number of Field Side Wiring Terminals	
Code	Description
3	Three per I/O channel
5	Five per I/O channel

1492 – XIFM 20 24 – 16RF

a b c d

a

Modules	
Code	Description
XIM	Relay Interface Module with Fixed Terminal Block
RXIM	Relay Interface Module with Removable Terminal Block

c

Module Type (all types do not configure a catalog number)	
Code	Description
F	24V relay coil
F-F24	5 x 20 mm fuse holders with 24V blown fuse indication
F-F120	5 x 20 mm fuse holders with 120V blown fuse indication D
24	24V relay coil
120	120V relay coil

d

No. Cable Connector Pins	
Code	Description
2	2 terminals per point
8R	8 relays
16R	16 relays
16RF	16 fused relays

b

No. Cable Connector Pins	
Code	Description
20	20 pins
40	40 pins
Blank	Expander module

Programmable Controller Wiring Systems

Catalog Number Explanation. Continued

IFM and XIM Cable Cat. No. Explanation for Digital I/O Modules

Important: Use the following tables as a product configurator for pre-wired, IFM-ready, and I/O module-ready cables for Bulletins 1746, 1756, and 1771 digital I/O module cables. All combinations of these fields make valid product cat. nos. Refer to selection tables for IFM/XIM compatibility, additional cables, and ordering.

1492 – CABLE 010 A
a *b* *c*

a

Digital Interface Cable

b

Standard or Build to Order Lengths		
Code	Description	
005	0.5 m (1.64 ft)	Standard
010	1.0 m (3.28 ft)	
025	2.5 m (8.20 ft)	
050	5.0 m (16.40 ft)	
001...020	0.1...2.0 m (0.328...6.56 ft) 0.1 m (0.328 ft increments)	Build-to-Order
	020...100	
100...300		

c

Cable Type	
Code	Description
A, B, C, D, E, G, N, S	Pre-wired cables for 8-point isolated and 16-point Bulletin 1746 I/O modules*
CR	Pre-wired cable for Cat. No. 1764-OA16 (XIM only)
F, T	Pre-wired cable for digital Bulletin 1771 I/O modules*
FF	Pre-wired cable with fused wiring arm for 16-point digital Bulletin 1771 output modules*
H	Pre-wired cable for 32-point digital Bulletin 1746 I/O modules*
J, K, L, M, R	Pre-wired cables for 16-point isolated and 32-point digital Bulletin 1771 I/O modules*
U, V, W, X	Pre-wired cable for 8- and 16-point digital Bulletin 1756 I/O modules‡
Y, Z	Pre-wired cable for 16-point isolated and 32-point digital Bulletin 1756 I/O modules‡
P	Digital IFM-ready cable with 20 conductors
Q	Digital IFM-ready cable with 40 conductors
N3	Digital I/O module-ready cable with 40-point Cat. No. 1746-N3 cable connector
RTBB	Digital I/O module-ready cable with 16-point Cat. No. 1746-RT25B terminal block (blue)
RTBO	Digital I/O module-ready cable with 16-point Cat. No. 1746-RT25C terminal block (orange)
RTBR	Digital I/O module-ready cable with 16-point Cat. No. 1746-RT25R terminal block (red)
TBCH	Digital I/O module-ready cable with 36-pin Cat. No. 1746-TBCH removable terminal block
WA	Digital I/O module-ready cable with Cat. No. 1771-WA 8-point wiring arm
WD	Digital I/O module-ready cable with Cat. No. 1771-WD 6-point wiring arm
WH	Digital I/O module-ready cable with Cat. No. 1771-WH 16-point wiring arm
WHF	Digital I/O module-ready cable with Cat. No. 1771-WHF 16-point fused wiring arm
WN	Digital I/O module-ready cable with Cat. No. 1771-WN 32-point wiring arm

* To make sure the Bulletin 1746 SLC 500 digital I/O module is compatible with IFM/XIM, refer to page 12-132.
 * To make sure the Bulletin 1771 PLC digital I/O module is compatible with IFM/XIM, refer to page 12-150.
 ‡ To make sure the Bulletin 1756 ControlLogix digital I/O module is compatible with IFM/XIM, refer to page 12-137.

Programmable Controller Wiring Systems

Catalog Number Explanation, Continued

IFM and XIM Cable Cat. No. Explanation for Digital I/O Modules

Important: Use the following tables as a product configurator for pre-wired, IFM-ready, and I/O module-ready cables for Bulletins 1746, 1756, and 1771 digital I/O module cables. All combinations of these fields make valid product cat. nos. Refer to selection tables for IFM/XIM compatibility, additional cables, and ordering.

1492 – CAB 010 A
a b c

a

Digital Interface Cable

b

Standard or Build to Order Lengths		
Code	Description	
005	0.5 m (1.64 ft)	Standard
010	1.0 m (3.28 ft)	
025	2.5 m (8.20 ft)	
050	5.0 m (16.40 ft)	
001...020	0.1...2.0 m (0.328...6.56 ft) 0.1 m (0.328 ft increments)	Build-to-Order
020...100	2.0...10.0 m (6.56...32.8 ft) 0.5 m (1.64 ft increments)	
100...300	10.0...30.0 m (32.8...98.42 ft) 1.0 m (3.28 ft increments)	

c

Cable Type	
Code	Description
A69, B69, C69, D69, E69, F69, G69, H69, J69, K69	Pre-wired cables for 8-, 16-, and 32-channel Bulletin 1769 digital I/O modules
RTN18	I/O-ready cable with Cat. No. 1746-RTBN18 terminal block
RTN10	I/O-ready cable with Cat. No. 1746-RTBN10 terminal block
RTN32I	Pre-wired for 32-channel 1769-IQ32
RTN32O	Pre-wired for 32-channel 1769-OB32

Pre-Wired Cable Cat. No. Explanation for Bulletins 1746, 1756, and 1771 Analog I/O Modules

Important: The following analog cable cat. no. breakdown is for explanation purposes only. It is **not** a product configurator. Not all combinations of fields are valid product cat. nos. Use this breakdown for verification and explanation only.

1492 – ACABLE 010 A
a b c

a

Analog Interface Cables

b

Standard or Build-to-Order Length Cable		
Code	Description	
005	0.5 m (1.64 ft)	Standard
010	1.0 m (3.28 ft)	
025	2.5 m (8.20 ft)	
050	5.0 m (16.40 ft)	
001-020	0.1...2.0 m (0.328...6.56 ft) 0.1 m (0.328 ft increments)	Build-to-Order
020-100	2.0...10.0 m (6.56...32.8 ft) 0.5 m (1.64 ft increments)	
100-300	10.0...30.0 m (32.8...98.42 ft) 1.0 m (3.28 ft increments)	

c

A-Cable Type	
Code	Description
A, B, C, D, L, Q	Pre-wired cables for Bulletin 1746 analog and RTD I/O modules.
E, F, G, H, J	Pre-wired cables for Bulletin 1771 analog and RTD I/O modules.
TA, TB, TC, TD, UA, UB, UC, UD, VA, VB, WA, WB, X, Y, Z	Pre-wired cables for Bulletin 1756 analog, RTD, and thermocouple I/O modules.
YT	Pre-wired cable for Bulletin 1756 thermocouple I/O modules.
M	Pre-wired cables for Bulletin 1757 pulse input I/O modules

Programmable Controller Wiring Systems

Catalog Number Explanation, Continued

Pre-Wired Cable Cat. No. Explanation for Bulletin 1746 and 1769 Analog I/O Modules

Important: Use the following tables as a product configurator for pre-wired, IFM-ready, and I/O module-ready cables for Bulletins 1746, 1756, and 1771 digital I/O module cables. All combinations of these fields make valid product cat. nos. Refer to selection tables for IFM/XIM compatibility, additional cables, and ordering.

1492 – ACAB 005 A46

a *b* *c*

a

Analog Interface Cables

b

Standard or Build-to-Order Length Cable		
Code	Description	
005	0.5 m (1.64 ft)	Standard
010	1.0 m (3.28 ft)	
025	2.5 m (8.20 ft)	
050	5.0 m (16.40 ft)	
001-020	0.1...2.0 m (0.328...6.56 ft) 0.1 m (0.328 ft increments)	Build-to-Order
020-100	2.0...10.0 m (6.56...32.8 ft) 0.5 m (1.64 ft increments)	
100-300	10.0...30.0 m (32.8...98.42 ft) 1.0 m (3.28 ft increments)	

c

Cable Type	
Code	Description
A46	Pre-wired cables for Bulletin 1746-NI16I and -NI16V analog modules.
AA69, AB69, BA69, BB69, BC69, BD69, C69, D69, EA69, EB69, EC69, ED69	Pre-wired cables for Bulletin 1769 analog I/O modules.

Programmable Wiring Systems

Product Selection

Bulletin 1746 SLC 500 IFM/XIM and Cable Selection Table

Digital 16-Point and 8-Point Isolated I/O Modules *

Description of 20-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Module with Removable Terminal Block (RTB)	I/O Module Cat. No. 1746-...																																						
			I 1	I 2	I 3	I 4	I 5	I 6	I 7	I 8	I 9	I 10	I 11	I 12	I 13	I 14	I 15	I 16	O 1	O 2	O 3	O 4	O 5	O 6	O 7	O 8	O 9	O 10	O 11	O 12	O 13	O 14	O 15	O 16	S C I A 8 I	S C I B 8 I	S C I C 8 I	S C O A P 8 I			
Feed-through																																									
Standard 264V AC/DC Max.	1492-IFM20F	1492-RIFM20F ‡	A	B	B	E	B	A	B	B	B	B	B	C	E	E	E	E	E	E	E	D	D	A	B	B	A														
Narrow standard 132V AC/DC Max.	1492-IFM20FN	1492-RIFM20FN †	A	B	B	E	B	—	B	B	B	B	B	G	E	E	E	E	E	E	E	N	N	A	B	B	A														
Extra terminals (2 per I/O) 264V AC/DC Max.	1492-IFM20F-2	1492-RIFM20F-2 ‡	A	B	B	E	B	A	B	B	B	B	B	C	E	E	E	E	E	E	E	D	—	—	—	—															
3-wire sensor type input devices 132V AC/DC Max.	1492-IFM20F-3	—	A	B	B	E	B	—	B	B	B	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—															
LED Indicating																																									
Standard with 24V AC/DC LEDs	1492-IFM20D24	—	—	B	—	—	—	—	B	B	B	B	—	E	E	E	—	E	E	D	—	—	—	—																	
Narrow standard with 24V AC/DC LEDs	1492-IFM20D24N	—	—	B	—	—	—	—	B	B	B	B	—	E	E	E	—	—	—	N	—	—	—	—																	
Standard with 120V AC/DC LEDs	1492-IFM20D120 §	—	A	—	—	—	B	—	—	—	—	—	C	—	—	—	—	—	D	—	—	—	—																		
Narrow standard with 120V AC LEDs	1492-IFM20D120N	—	A	—	—	—	—	—	—	—	—	—	G	—	—	—	—	—	N	—	—	—	—																		
24V AC/DC LEDs and extra terminals for outputs	1492-IFM20D24-2	—	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	E	E	D	—	—	—	—																	
24V AC/DC LEDs and extra terminals for inputs	1492-IFM20D24A-2	—	—	B	—	—	—	—	B	B	B	B	—	—	—	—	—	—	—	—	—	—	—	—																	
120V AC LEDs and extra terminals for outputs	1492-IFM20D120-2	—	—	—	—	—	—	—	—	—	—	—	C	—	—	—	—	—	D	—	—	—	—																		
120V AC LEDs and extra terminals for inputs	1492-IFM20D120A-2	—	A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																		
3-wire sensor with 24V AC/DC LEDs	1492-IFM20D24-3	—	—	B	—	—	—	—	B	B	B	B	—	—	—	—	—	—	—	—	—	—	—	—																	
8 Individually isolated with 24/48V AC/DC LEDs and 4 terminals/output	1492-IFM20DS24-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S	—	—	—	—																	
8 Individually isolated with 120V AC LEDs and 4 terminals/output	1492-IFM20DS120-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S	—	—	—	—																	
240V AC LEDs and extra terminals for outputs	1492-IFM20D240-2	—	—	—	—	—	—	—	—	—	—	—	C	—	—	—	—	—	D	—	—	—	—																		
240V AC LEDs and extra terminals for inputs	1492-IFM20D240A-2	—	—	—	—	—	—	A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																		
Fusible																																									
120V AC/DC with extra terminals for outputs	1492-IFM20F-F-2	1492-RIFM20F-F-2 ‡	—	—	—	—	—	—	—	—	—	—	—	C	E	E	E	—	E	E	D	—	—	—	—																
Extra terminals with 24V AC/DC blown fuse LED indicators	1492-IFM20F-F24-2	1492-RIFM20F-F24-2 ‡	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	E	E	D	—	—	—	—																	
Extra terminals with 120V AC/DC blown fuse LED indicators	1492-IFM20F-F120-2	1492-RIFM20F-F120-2 ‡	—	—	—	—	—	—	—	—	—	—	C	—	—	—	—	—	D	—	—	—	—																		
Extra terminals with 240V AC/DC blown fuse LED indicators	1492-IFM20F-F240-2	—	—	—	—	—	—	—	—	—	—	—	C	—	—	—	—	—	D	—	—	—	—																		
Extra terminals with 24V AC/DC blown fuse LED indicators for inputs	1492-IFM20F-F24A-2	1492-RIFM20F-F24A-2 ‡	—	B	—	—	—	—	B	B	—	—	—	—	—	—	—	—	E	E	—	—	—	—																	

Note: Footnotes are on page 12-134.

Description of 20-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Module with Removable Terminal Block (RTB)	I/O Module Cat. No. 1746-...																								
			I	I	I	I	I	I	I	I	I	I	I	I	I	O	O	O	O	O	O	O	O	S	S	S	S
			A	B	C	G	H	M	N	B	V	V	A	B	B	B	G	V	V	W	X	I	A	B	C	I	O
Fusible																											
Extra terminals with 120V AC/DC blown fuse LED indicators for inputs	1492-IFM20F-F120A-2	1492-RIFM20F-F120A-2*	A	—	—	—	B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated 120V AC/DC with extra terminals for outputs	1492-IFM20F-FS-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S	—	—	—	—	—
8 Individually isolated with extra terminals and 24V AC/DC blown fuse LED indicators	1492-IFM20F-FS24-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S	—	—	—	—	—
Two 4-point isolated groups with four terminals/input and 24V AC/DC blown fuse LED indicators	1492-IFM20F-FS24A-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated with extra terminals/output and 120V AC/DC blown fuse LED indicators	1492-IFM20F-FS120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S	—	—	—	A	—
8 Individually isolated with 4 terminals/output and 120V AC/DC blown fuse LED indicators	1492-IFM20F-FS120-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S	—	—	—	—	—
Two 4-point isolated groups with four terminals/input and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120A-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated with 4 terminals/output and 240V AC/DC blown fuse LED indicators	1492-IFM20F-FS240-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	S	—	—	—	A	—
Relay Master (LED Indicating) * >																											
20-pin master with eight (8) 24V DC relays	1492-XIM2024-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	—	—	—
20-pin master with eight (8) 120V AC relays	1492-XIM20120-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	C	R	—	—	—	—	—
20-pin master with sixteen (16) 24V DC relays	1492-XIM2024-16R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	—	—	—
20-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM2024-16RF	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	E	E	E	—	—	—	—
20-pin master with sixteen (16) 120V AC relays	1492-XIM20120-16R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	C	R	—	—	—	—	—
20-pin master with sixteen (16) 120V AC relays with fusing	1492-XIM20120-16RF	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	C	R	—	—	—	—	—
Relay Expander (LED Indicating) * >																											
Expander with eight (8) 24V DC relays	1492-XIM24-8R	1492-RXIM24-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	*	*	—	—	—	—
Expander with eight (8) 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—	—	—
Fusible Expander																											
8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	*	*	—	—	—	—
8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—	—	—

Note: Footnotes are on page 12-134.

Description of 40-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1746-...				
			I B 3 2	I V 3 2	O B 3 2	O B 3 2	O V 3 2
Relay Master (LED Indicating) §*							
40-pin master with eight (8) 24V DC relays	1492-XIM4024-8R	—	—	—	H	H	—
40-pin master with sixteen (16) 24V DC relays	1492-XIM4024-16R	1492-RXIM4024-16R †	—	—	H	H	—
40-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM4024-16RF	—	—	—	H	H	—
Relay Expander (LED Indicating) §*							
Expander with eight (8) 24V DC relays	1492-XIM24-8R	1492-RXIM24-8R †	—	—	*	*	—
Expander with sixteen (16) 24V DC relays with fusing	1492-XIM24-16RF	—	—	—	‡	‡	—
Expander with eight (8) 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—
Fusible Expander							
8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	*	*	—
8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—
Feed-through Expander							
Expander with eight (8) feed-through channels 132V AC/DC max	1492-XIMF-2	—	—	—	*	*	—

- * Can have up to 2 or 3 expandable modules depending upon master used (total 32 pts or less), extender cable is provided.
- † Pre-wired cables are available in standard length of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the catalog number 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Catalog Number 1402-CABLE050A** is for a 5.0 m cable, and the letter A.
- ‡ 1492-XIM24-16RF is to be used with 1492-XIM4024-16R and 1492-XIM4024-16RF 32 pt. only.
- * The LED indicates the PLC output status.
- > Compatible RTB plug; 1492-RTB20N (screw style terminal) or 1492-RTB20P. ORDER PLUGS SEPARATELY. Two plugs per cat. no.
- ‡ Compatible RTB plug; 1492-RTB17N (screw style terminal) or 1492-RTB17P. ORDER PLUGS SEPARATELY. Two plugs per cat. no.
- † Compatible RTB plug; 1492-RTB14N (screw style terminal) or 1492-RTB14P. ORDER PLUGS SEPARATELY. Two plugs per cat. no.
- ‡ Compatible RTB plug; 1492-RTB12N (screw style terminal) or 1492-RTB12P. ORDER PLUGS SEPARATELY. Two plugs per cat. no.

Bulletin 1746 SLC 500 IFMs and Cables, Continued

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1746 digital I/O module and a connector on the other end to plug into a 20- or 40-terminal IFM/XIM. You must first select the IFM/XIM from one of the preceding selection tables.

Pre-Wired Cables for Bulletin 1746 Digital I/O Modules

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CABLE*A	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-IA16, -IM16
1492-CABLE*B	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-IB16, -IH16, -IN16, -ITB16, -ITV16
1492-CABLE*C	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OA16
1492-CABLE*CR	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OA16
1492-CABLE*D	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OW16, -OX8
1492-CABLE*E	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-IG16, -OB16, -OB16E, -OBP16, -OG16, -OV16, -OVP16
1492-CABLE*G	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OA16
1492-CABLE*H	0.5, 1.0, 2.5, 5.0 m	Yes	40	1746-IB32, -IV32, -OB32, -OB32E, -OV32
1492-CABLE*N	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OW16, -OX8
1492-CABLE*S	0.5, 1.0, 2.5, 5.0 m	Yes	20	1746-OX8

- * Pre-wired cables are available in standard lengths of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005N** is for a 0.5 m cable that could be used to connect a Cat. No. 1492-IFM20D24N IFM to a Cat. No. 1746-OW16 I/O module. Build-to-order lengths are also available.

The **I/O module-ready cables** have a pre-wired RTB on one end to plug onto the front of a Bulletin 1746 I/O module and 20 or 40 individually colored #18 AWG conductors on the other end. These cables provide the convenience of pre-wired connections at the I/O module end, while still allowing the flexibility to fieldwire to standard terminal blocks of your choice.

I/O Module-Ready Cables for Bulletin 1746 Digital I/O Modules ‡

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CABLE‡N3	1.0, 2.5, 5.0 m	Yes	40	1746-IB32, -IV32, -OB32, -OB32E, -OV32
1492-CABLE‡RTBB	1.0, 2.5, 5.0 m	Yes	20	1746-IB16, -IC16, -IG16, -IH16, -IN16, -ITB16, -ITV16, -IV16, -OB16, -OB16E, -OBP8, -OBP16, -OG16, -OV16, -OVP16
1492-CABLE‡RTBO	1.0, 2.5, 5.0 m	Yes	20	1746-OW16, -OX8
1492-CABLE‡RTBR	1.0, 2.5, 5.0 m	Yes	20	1746-IA16, -OA16, -OAP12, -IM16

- ‡ I/O ready cables are available in standard lengths of 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE050RTBR** is for a 5.0 m cable with a pre-wired Cat. No. 1746-RT25R RTB on one end.
- ‡ Digital I/O module-ready cables should not be used with analog module as a cable shield and drain wire is not provided.

Programmable Wiring Systems

Product Selection, Continued

Bulletin 1746 SLC 500 AIFM and Cable — Selection Table

Analog I/O Modules *

Description of AIFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1746-...														
			HSCE (IDiff.)	HSCE2 (Diff.)	FIO4I	FIO4V	NI4	NI8	NIO4I	NIO4V	NO4I	NO8I	NO4V	NO8V	NR4	QS	NI16I
Feed-through																	
4-channel input, output or 2-in/2-out combination with 3 terminals/channel	1492-AIFM4-3	1492-RAIFM4-3†	—	—	L	L	A	—	L	L	B	—	B	—	—	—	—
6-channel isolated with 3...4 terminals/channel	1492-AIFM6S-3	1492-RAIFM6S-3§	—	—	—	—	—	—	—	—	—	—	—	—	D	—	—
8-channel differential 16-channel single-ended with 3 terminals/channel	1492-AIFM8-3	1492-RAIFM8-3*	—	—	—	—	—	C	—	—	—	R	—	R	—	—	A46 A46
Thermocouple																	
6-channel with 3 terminals/channel*	1492-AIFM6TC-3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High-Speed Counter/Encoder																	
2-channel counter input/4 outputs	1492-AIFMCE4	—	K	P	—	—	—	—	—	—	—	—	—	—	—	—	—
Fused High-Speed Counter/Encoder																	
2-channel fused counter input/4 fused outputs	1492-AIFMCE4-F	—	K	P	—	—	—	—	—	—	—	—	—	—	—	—	—
Fusible Analog																	
2-channel output, 2-channel input with 24V blown fuse indicators, test points, 5 terminals/input, 3 terminals/output	1492-AIFM4C-F-5	—	—	—	L	L	—	—	L	L	—	—	—	—	—	—	—
4-channel with 24V blown fuse indicators, test points, 5 terminals/input	1492-AIFM4I-F-5	—	—	—	—	—	A	—	—	—	—	—	—	—	—	—	—
8-channel with 24V DC blown fuse indicators, 5 terminals/channel	1492-AIFM8-F-5	—	—	—	—	—	—	C	—	—	—	—	—	—	—	—	—
16-channel input with 24V DC blown fuse indicators, 3 terminals/channel	1492-AIFM16-F-3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	A46	A46
16-channel input with 24V DC blown fuse indicators, 5 terminals/channel	1492-AIFM16-F-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4-input/4-output channel with 8 fuses and 24V blown fuse indicators	1492-AIFMQS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Q	—

* Pre-wired cables are available in standard length of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the catalog number 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Cat. No. 1402-ACABLE025A46** is for a 2.5 m cable, and the letter A.

* Cannot be used with SLC I/O.

† Compatible RTB plug 1492-RTB8N (screw style terminal) or 1492-RTB8P. Order plugs separately.

§ Compatible RTB plug 1492-RTB12N (screw style terminal) or 1492-RTB12P. Order plugs separately.

* Compatible RTB plug 1492-RTB16N (screw style terminal) or 1492-RTB16P. Order plugs separately.

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1746 analog I/O module and a connector on the other end to plug into a 20- or 40-terminal IFM. To use this table, you must first select an IFM from the preceding table.

Pre-Wired Cables for Bulletin 1746 Analog I/O Modules

Cable Cat. No.	Standard Cable Lengths (m)	Build-to-Order Available	AIFM Connector	Mating I/O Module Cat. No.
1492-ACABLE*A	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1746-NI4
1492-ACABLE*B	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1746-NO4I, -NO4V
1492-ACABLE*C	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1746-NI8
1492-ACABLE*D	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1746-NR4
1492-ACABLE*K	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1746-HSCE (Differential)
1492-ACABLE*L	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1746-NIO4I, -NIO4V, -FIO4I, -FIO4V
1492-ACABLE*P	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1746-HSCE2 (Differential)
1492-ACABLE*Q	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1746-QS
1492-ACABLE*R	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1746-NO8I, -NO8V
1492-ACAB*A46	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1746-NI16I, -NI16V

* To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-ACABLE005A** is for a 0.5 m cable that could be used to connect a Cat. No. 1492-AIFM4I-F-5 IFM to a Cat. No. 1746-NI4 I/O module.

Bulletin 1756 ControlLogix IFM/XIM and Cable Selection Table
Digital 8-Point and 16-Point I/O Modules ❖

Description of 20-Terminal IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1756-...															
			I A 8 D	I A 1 6	I B 1 6	I C 1 6	I N 1 6	I V 1 6	O A 8 8	O A 8 8	O A 1 6	O B 1 6	O E 8	O C 8	O N 8	O V 1 6		
Feed-through																		
Standard 264V AC/DC Max.	1492-IFM20F	1492-RIFM20F ➤	U	X	X	X	X	X	U	U	U	X	U	X	U	X		
Narrow standard 132V AC/DC Max.	1492-IFM20FN	1492-RIFM20FN ❖	U	X	X	X	X	X	U	U	U	X	U	X	U	X		
Extra terminals (2 per I/O) 264V AC/DC Max.	1492-IFM20F-2	1492-RIFM20F-2 ➤	U	X	X	X	X	X	U	U	U	X	U	X	U	X		
3-wire sensor type input devices 132V AC/DC Max.	1492-IFM20F-3	—	—	X	X	X	X	X	—	—	—	—	—	—	—	—		
LED Indicating																		
Standard with 24V AC/DC LEDs	1492-IFM20D24	—	—	—	X	—	X	X	—	—	—	—	X	—	—	X		
Narrow standard with 24V AC/DC LEDs	1492-IFM20D24N	—	—	—	X	—	X	X	—	—	—	—	X	—	—	—		
Standard with 120V AC/DC LEDs	1492-IFM20D120 †	—	U	X	—	—	—	—	—	—	—	—	—	—	—	—		
Narrow standard with 120V AC LEDs	1492-IFM20D120N	—	U	X	—	—	—	—	—	—	X	—	—	—	—	—		
24V AC/DC LEDs and extra terminals for outputs	1492-IFM20D24-2	—	—	—	—	—	—	—	—	—	—	—	X	—	—	X		
24V AC/DC LEDs and extra terminals for inputs	1492-IFM20D24A-2	—	—	—	X	—	X	X	—	—	—	—	—	—	—	—		
120V AC LEDs and extra terminals for outputs	1492-IFM20D120-2	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—		
120V AC LEDs and extra terminals for inputs	1492-IFM20D120A-2	—	U	X	—	—	—	—	—	—	—	—	—	—	—	—		
3-wire sensor with 24V AC/DC LEDs	1492-IFM20D24-3	—	—	—	X	—	X	X	—	—	—	—	—	—	—	—		
8 Individually isolated with 24/48V AC/DC LEDs and 4 terminals/output	1492-IFM20DS24-4	—	—	—	—	—	—	—	—	—	—	W	—	W	W	—		
8 Individually isolated with 120V AC LEDs and 4 terminals/output	1492-IFM20DS120-4	—	—	—	—	—	—	—	W	V	V	—	—	—	—	—		
240V AC LEDs and extra terminals for outputs	1492-IFM20D240-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
240V AC LEDs and extra terminals for inputs	1492-IFM20D240A-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Fusible																		
120V AC/DC with extra terminals for outputs	1492-IFM20F-F-2	1492-RIFM20F-F-2 ➤	—	—	—	—	—	—	—	—	—	X	—	X	—	X		
Extra terminals with 24V AC/DC blown fuse LED indicators	1492-IFM20F-F24-2	1492-RIFM20F-F24-2 ➤	—	—	—	—	—	—	—	—	—	—	—	X	—	X		
Extra terminals with 120V AC/DC blown fuse LED indicators	1492-IFM20F-F120-2	1492-RIFM20F-F120-2 ➤	—	—	—	—	—	—	—	—	—	X	—	—	—	—		
Extra terminals with 240V AC/DC blown fuse LED indicators	1492-IFM20F-F240-2	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—		
Extra terminals with 24V AC/DC blown fuse LED indicators for inputs	1492-IFM20F-F24A-2	1492-RIFM20F-F24A-2 ➤	—	—	X	—	X	—	—	—	—	—	—	—	—	—		
Extra terminals with 120V AC/DC blown fuse LED indicators for inputs	1492-IFM20F-F120A-2	1492-RIFM20F-F120A-2 ➤	—	X	—	—	—	—	—	—	—	—	—	—	—	—		
8 Individually isolated 120V AC/DC with extra terminals for outputs	1492-IFM20F-FS-2	—	—	—	—	—	—	—	W	V	V	—	W	—	W	W		
8 Individually isolated with extra terminals and 24V AC/DC blown fuse LED indicators	1492-IFM20F-FS24-2	—	—	—	—	—	—	—	—	—	—	—	W	—	W	W		
Two 4-point isolated groups with four terminals/input and 24V AC/DC blown fuse LED indicators	1492-IFM20F-FS24A-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
8 Individually isolated with extra terminals/output and 120V AC/DC blown fuse LED indicators	1492-IFM20F-FS120-2	—	—	—	—	—	—	—	W	V	V	—	—	—	—	—		
8 Individually isolated with 4 terminals/output and 120V AC/DC blown fuse LED indicators	1492-IFM20F-FS120-4	—	—	—	—	—	—	—	W	V	V	—	—	—	—	—		
Two 4-point isolated groups with four terminals/input and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120A-4	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—		
8 Individually isolated with 4 terminals/output and 240V AC/DC blown fuse LED indicators	1492-IFM20F-FS240-4	—	—	—	—	—	—	—	W	—	—	—	—	—	—	—		
Relay Master (LED Indicating) §*																		
20-pin master with eight (8) 24V DC relays	1492-XIM2024-8R	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—		
20-pin master with sixteen (16) 24V DC relays	1492-XIM2024-16R	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—		
20-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM2024-16RF	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—		
20-pin master with eight (8) 120V AC relays	1492-XIM20120-8R	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—		
20-pin master with sixteen (16) 120V AC relays	1492-XIM20120-16R	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—		
20-pin master with sixteen (16) 120V AC relays with fusing	1492-XIM20120-16RF	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—		

Note: Footnotes are on page 12-138.

Programmable Wiring Systems

Product Selection, Continued

Description of 20-Terminal IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1756-...															
			I A 8 D	I A 1 6	I B 1 6	I C 1 6	I N 1 6	I V 1 6	O A 8	O A 8 D	O A 8 E	O B 1 6	O B 6 E	O C 8	O N 8	O V 1 6		
Relay Expander (LED Indicating)§*																		
Expander with 8 24V DC relays	1492-XIM24-8R	1492-RXIM24-8R	—	—	—	—	—	—	—	—	—	—	—	—	*	—		
Expander with 8 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—		
Fusible Expander																		
8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	—	—	—	—	—	*	—	—	—		
8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—		
Feed-through Expander																		
Expander with eight (8) feed-through channels 132V AC/DC max	1492-XIMF-2	—	—	—	—	—	—	—	—	—	—	*	—	*	—	—		

- * Can have up to one (1) expander module depending upon master used (total 16 outputs or less). An extender cable is provided.
- ※ Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the catalog number, e.g., 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Catalog Number 1492-CABLE050W** is for a 5.0 m cable, and the letter W.
- ‡ This IFM is not recommended for use with PLC I/P modules that have an off-state leakage current exceeding 0.5 mA. Use a 1492-IFM20D120N or 1492-20D120A-2 for inputs. Use 1492-IFM20D120-2 for outputs.
- ♣ The LED indicates the PLC output status.
- Compatible RTB plug 1492-RTB20N (screw style terminal) or 1492-RTB20P. Order plugs separately. 2 plugs per cat. no.
- ※ Compatible RTB plug 1492-RTB10N (screw style terminal) or 1492-RTB10P. Order plugs separately. 2 plugs per cat. no.

Bulletin 1756 ControlLogix IFMs and Cables, Continued

Bulletin 1756 Digital 16-Point Isolated and 32-Point I/O Modules *

Description of 40-Terminal IFM	Cat. No. with Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1756-...																		
			I A 1 6	I B 1 6	I B 3 2	I I 2	I I 2	I I 2	I H 3	I M 6	I I 6	O A 6	O B 6	O B 6	O B 6	O B 1 3	O V 2	O V 3	O W 8	O X 8	
Feed-through																					
Standard 132V AC/DC Max.	1492-IFM40F	1492-RIFM40F †	Y	Y	Y	Z	Z	Z	Y	—	Y	Y	Y	Y	Y	Z	Z	Y	Y	Y	Y
Extra terminals (2 per I/O) 132V AC/DC Max.	1492-IFM40F-2	1492-RIFM40F-2 †	—	Y	—	Z	Z	Z	—	—	—	—	Y	—	—	Z	Z	—	—	—	—
3-wire sensor type input devices 60V AC/DC Max.	1492-IFM40F-3	—	—	—	—	Z	Z	—	—	—	—	—	—	—	—	—	—	—	—	—	—
LED Indicating																					
Standard with 24V AC/DC LEDs	1492-IFM40D24	1492-RIFM40D24 †	—	—	—	Z	Z	—	—	—	—	—	—	—	Z	Z	—	—	—	—	—
24V AC/DC LEDs and extra terminals for outputs	1492-IFM40D24-2	—	—	—	—	—	—	—	—	—	—	—	—	—	Z	Z	—	—	—	—	—
24V AC/DC LEDs and extra terminals for inputs	1492-IFM40D24A-2	1492-RIFM40D24A-2 †	—	—	—	Z	Z	—	—	—	—	—	—	—	—	—	—	—	—	—	—
120V AC LEDs and extra terminals for outputs	1492-IFM40D120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
120V AC LEDs and extra terminals for inputs	1492-IFM40D120A-2	—	—	—	Z	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3-wire sensor with 24V AC/DC LEDs	1492-IFM40D24-3	—	—	—	—	Z	Z	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with 24/48V AC/DC LEDs and four terminals/output	1492-IFM40DS24-4	—	—	—	—	—	—	—	—	—	—	Y	Y ¹³	Y	Y	—	—	—	Y	Y	—
16 individually isolated with 24V AC/DC LEDs and four terminals/input	1492-IFM40DS24A-4	—	—	Y	Y	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with 120V AC LEDs and four terminals/output	1492-IFM40DS120-4	—	—	—	—	—	—	—	—	—	Y	—	—	—	—	—	—	—	—	Y	Y
16 individually isolated with 120V AC LEDs and four terminals/input	1492-IFM40DS120A-4	—	Y	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with 240V AC LEDs and four terminals/input	1492-IFM40DS240A-4	—	—	—	—	—	—	—	Y	—	—	—	—	—	—	—	—	—	—	—	—

Note: Footnotes are on page 12-140.

Description of 40-Terminal IFM	Cat. No. with Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1756-...																		
			I A 1 6 I	I B 1 6 I	I B 1 6 I	I A 3 2	I B 3 2	I V 3 2	I H 6 I	I M 6 I	O A 6 I	O B 8 E	O B 1 6 I	O B 1 6 I	O B 1 6 I	O V 3 2	O V 3 2	O H 8 I	O W 1 6 I	O X 8 I	
Fusible																					
120V AC/DC with extra terminals for 32-point outputs	1492-IFM40F-F-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Z	Z	—	—
Extra terminals with 24V AC/DC blown fuse indicators for 32-point outputs	1492-IFM40F-F24-2	1492-RIFM40F-F24-2+	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Z	Z	—	—
16 individually fused with 24V DC blown fuse low leakage (0.05 mA) LED circuit, 2 isolated groups, 2 terminals/output	1492-IFM40F-F24D-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Individually fused with 24V DC blown fuse low leakage (0.05 mA) LED circuit, 4 isolated groups, 4 terminals/input	1492-IFM40F-F24AD-4	—	—	Y	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Extra terminals with 120V AC/DC blown fuse indicators for outputs	1492-IFM40F-F120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with extra terminals for 120V AC/DC outputs	1492-IFM40F-FS-2	—	—	—	—	—	—	—	—	—	Y	Y	Y	Y	—	—	—	—	Y	Y	Y
16 individually isolated with extra terminals and 24V AC/DC blown fuse indicators	1492-IFM40F-FS24-2	—	—	—	—	—	—	—	—	—	—	Y	⊛	Y ₁₂	Y ₁₂	—	—	—	—	Y	Y
16 individually isolated with 24V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS24-4	—	—	—	—	—	—	—	—	—	—	Y	⊛	Y ₁₂	Y ₁₂	—	—	—	—	Y	Y
16 individually isolated 240V AC/DC with four terminals/output	1492-IFM40F-FS-4	—	—	—	—	—	—	—	—	—	Y	Y	Y	Y	Y ₁₂	Y ₁₂	—	—	—	Y	Y
16 individually isolated with extra terminals and 120V AC/DC blown fuse LED indicators	1492-IFM40F-FS120-2	1492-RIFM40F-FS120-2+	—	—	—	—	—	—	—	—	Y	—	—	—	—	—	—	—	—	Y	Y
16 individually isolated with 120V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS120-4	1492-RIFM40F-FS120-4⊛	—	—	—	—	—	—	—	—	Y	—	—	—	—	—	—	—	—	—	Y
16 individually isolated with 240V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS240-4	—	—	—	—	—	—	—	—	—	Y	—	—	—	—	—	—	—	—	—	Y
16 individually isolated with 24V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS24A-4	—	—	‡	Y	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with 120V AC/DC with four terminals/input	1492-IFM40F-FSA-4	—	Y	Y	Y	—	—	—	Y	—	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with 120V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS120A-4	1492-RIFM40F-FS120A-4⊛	Y	—	—	—	—	—	Y	—	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with 240V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS240A-4	—	—	—	—	—	—	—	Y	—	—	—	—	—	—	—	—	—	—	—	—
Relay Master (LED Indicating)§*																					
40-pin master with eight (8) 24V DC relays	1492-XIM4024-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Z	—	—
40-pin master with sixteen (16) 24V DC relays	1492-XIM4024-16R	1492-RXIM4024-16R▲	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Z	—	—
40-pin master with sixteen (16) 24V DC relays with fusing	1492-XIM4024-16RF	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Z	—	—	—
Relay Expander (LED Indicating)§*																					
Expander with 8 24V DC relays	1492-XIM24-8R	1492-RXIM24-8R ¹¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	▶	—
Expander with 8 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fusible Expander																					
8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	▶	—
8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Expander with (16) 24V DC relays with fusing	1492-XIM24-16RF	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	⊛	—

Note: Footnotes are on page 12-140.

Programmable Wiring Systems

Product Selection, Continued

Description of 40-Terminal IFM	Cat. No. with Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1756-...																
			I A 1 6	I B 6	I B 6	I A 3	I B 3	I V 3	I H 6	I M 6	O A 6	O B 6	O B 6	O B 6	O B 6	O V 3	O W 3	O H 8	O W 6
Feed-through Expander																			
Expander with 8 feed-through channels 132V AC/DC max	1492-XIMF-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

- * Cables are available in standard lengths of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the catalog number, e.g., 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Catalog Number 1492-CABLE050W** is for a 5.0 m cable, and the letter Y.
- * The 1492-IFM40F-FS24-2 and 1492-IFM40F-FS24-4 module and 1492-CABLE*Y cable can be used with the 1756-OB16D module. However, due to the 1492-IFM40F-FS24-2 and 1492-IFM40F-Fs24-4 module's blown fuse leakage current ratings, the "no load" diagnostic function of the 1756-OB16D will not indicate a blown or removed fuse as a no load condition. If you require this diagnostic to function for a blown or removed fuse, you must use a 1492-IFM40F-F24D-2.
- ‡ The 1492-IFM40F-FS24A-4 module and 1492-CABLE*Y cable can be used with the 1756-IB16D module. However, due to the 1492-IFM40F-FS24A-4 module's blown fuse leakage current rating, the "wire off" diagnostic function of the 1756-IB16D will not indicate a blown or removed fuse as a wire off condition. If you require this diagnostic to function for a blown or removed fuse, you must use a 1492-IFM40F-F24AD-4.
- * The LED indicates the PLC output status.
- > Can have up to 2 or 3 expander modules depending upon master used (total 32 outputs or less). An extender cable is provided.
- * One 1492-XIM24-16RF is to be used with one 1492-XIM4024-16R or 1492-XIM4024-16RF master (32 pt. only).
- + Compatible RTB plug; 1492-RTB20N (screw style terminal) or 1492-RTB20P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.
- ❖ Compatible RTB plug; 1492-RTB17N (screw style terminal) or 1492-RTB17P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.
- ♣ Compatible RTB plug; 1492-RTB14N (screw style terminal) or 1492-RTB14P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.
- 11 Compatible RTB plug; 1492-RTB12N (screw style terminal) or 1492-RTB12P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.
- 12 Do not use this module in output sinking mode with fused IFM moduls as the IFM module fuses will not properly protect the circuit.
- 13 IFMs LED provides PLC output ON/OFF indication. Due to the magnitude of current through the LED, the 1756-OB16D PLC module "No Load" diagnostic function will not work. If this function is required, use the Cat. No. 1492-IFM40F-2.

Bulletin 1756 ControlLogix IFMs and Cables, Continued

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1756 digital I/O module and a connector on the other end to plug into a 20- or 40-terminal IFM/XIM. You must first select the IFM/XIM from one of the preceding selection tables.

Pre-Wired Cables for Bulletin 1756 Digital I/O Modules

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CABLE*U	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-IA8D, -OA8, -OA8D, -OA8E, -OB8, -OC8, -ON8
1492-CABLE*V	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-OA8D, -OA8E
1492-CABLE*W	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-OA8, -OB8, -OC8, -ON8
1492-CABLE*X	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-IA16, -IB16, -IC16, -IN16, -IV16, -OA16, -OB16E, -OV16E
1492-CABLE*Y	0.5, 1.0, 2.5, 5.0 m	Yes	40	1756-IA16I, -IB16D, -IB16I, -IH16, -IM16I, -OA16I, -OB8EI, -OB16D, -OB16I, -OB16IS, -OH8I, -OW16I, -OX8I
1492-CABLE*Z	0.5, 1.0, 2.5, 5.0 m	Yes	40	1756-IB32, -IV32, -IA32, -OB32, -OV32E

- * Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005Y** is for a 0.5 m cable that could be used to connect a Cat. No. 1492-IFM40F IFM to a Cat. No. 1756-IA16I I/O module.

The **I/O module-ready cables** have a pre-wired RTB on one end to plug onto the front of a Bulletin 1756 I/O module and 20 or 40 individually colored #18 AWG conductors on the other end. These cables provide the convenience of pre-wired connections at the I/O module end, while still allowing the flexibility to fieldwire to standard terminal blocks of your choice.

I/O Module-Ready Cables for Bulletin 1756 Digital I/O Modules ‡

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CABLE*TBNH	1.0, 2.5, 5.0 m	Yes	20	1756-IA8D, -IA16, -IB16, -IC16, -IN16, -IV16, -OA8, -OA8D, -OA8E, -OA16, -OB8, -OB16E, -OC8, -ON8, -OV16E
1492-CABLE*TBCH	1.0, 2.5, 5.0 m	Yes	40	1756-IA16I, -IA32, -IB16D, -IB16I, -IB32, -IV32, -IH16I, -IM16I, -OA16I, -OB8EI, -OB16D, -OB16I, -OB16IS, -OB32, -OV32E, -OH8I, -OW16I, -OX8I

- * Cables are available in standard lengths of 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE050TBNH** is for a 5.0 m cable with a pre-wired Cat. No. 1756-TBNH RTB on one end.

‡ Discrete I/O read cables should not be used with PLC analog I/O modules as cable shield and drain wires are not provided.

Bulletin 1756 ControlLogix AIFM and Cable Selection Table
Analog I/O Module*

Description of AIFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring Systems Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1756-...																														
			HSC (24V Diff.)	HSC (5V Diff.)	IF4FXOP2F (Cur In & Out)	IF4FXOP2F (Volt In & Out)	IF4FXOP2F (Cur In & Volt Out)	IF6I (Current)	IF6I (Voltage)	IF6CS (Current)	IF8 (Sgl-End Volt)	IF8 (Sgl-End Current)	IF8 (Diff Voltage)	IF8 (Diff Current)	IF8H (Voltage)	IF8H (Current/Hart)	IF16 (Sgl-End Volt)	IF16 (Sgl-End Current)	IF16 (Diff Voltage)	IF16 (Diff current)	IF6I	IT6I	IT6I2	OF4 (Voltage)	OF4 (Current)	OF6C1	OF6V1	OF8 (Voltage)	OF8 (Current)	OF8H (Voltage)	OF8H (Current/Hart)	PI/M	
Feed-through																																	
4-channel input, output or 2-in/2-out combination with 3 terminals/channel	1492-AIFM4-3	1492-RAIFM4-3‡	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6-channel isolated with 3...4 terminals/channel	1492-AIFM6S-3	1492-RAIFM6S-3§	—	—	ZA	ZB	ZC	X	Y	Z	—	—	—	—	—	—	—	—	—	—	Z	—	—	—	—	—	Y	Y	—	—	—	—	
8-channel differential 16-channel single-ended with 3 terminals/channel	1492-AIFM8-3	1492-RAIFM8-3*	—	—	—	—	—	—	—	—	TA	TB	TC	TD	UC	UD	UA	UB	UC	UD	—	—	—	—	—	—	—	—	WA	WB	WA	WB	—
Thermocouple																																	
6-channel with 3 terminals/channel	1492-AIFM6TC-3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
High-Speed Counter/Encoder																																	
2-channel counter input/4 outputs	1492-AIFMCE4	—	XA	XB	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Fusible High-Speed Counter/Encoder																																	
2-channel fused counter input/4 fused outputs	1492-AIFMCE4-F	—	XA	XB	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Fusible Analog																																	
8-channel with 24V DC blown fuse indicators, 5 terminals/channel	1492-AIFM8-F-5	—	—	—	ZA	ZB	ZC	—	—	—	TA	TB	TC	TD	UC	UD	—	—	UC	UD	—	—	—	—	—	—	—	—	—	—	—	—	
16-channel input with 24V DC blown fuse indicators, 3 terminals/channel	1492-AIFM16-F-3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	UA	UB	UC	UD	—	—	—	—	—	—	—	—	—	—	—	—	
16-channel input with 24V DC blown fuse indicators, 5 terminals/channel	1492-AIFM16-F-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	UA	UB	UC	UD	—	—	—	—	—	—	—	—	—	—	—	—	
8 input/2 output channels	1492-AIFMPI	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	M	

* Some analog I/O modules can be operated in up to four modes (current/voltage, single-ended/differential) based on connections. In all cases, each channel is factory-configured for the same mode. However, you can field configure any channel for another mode. You may need to alter the terminal block wiring to match the application. Refer to the *PLC I/O Module Installation Manual*.

‡ Cables are available in standard length of 0.5, 1.0, and 5.0 m. To order, insert the code for the desired cable length into the catalog number 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Cat. No. 1402-ACABLE025TB** is for a 2.5 m cable, and the letters TB.

‡ Compatible RTB plug 1492-RTB8N (screw style terminal) or 1492-RTB8P. Order plugs separately. 2 plugs per cat. no.

§ Compatible RTB plug 1492-RTB12N (screw style terminal) or 1492-RTB12P. Order plugs separately. 2 plugs per cat. no.

* Compatible RTB plug 1492-RTB16N (screw style terminal) or 1492-RTB16P. Order plugs separately. 2 plugs per cat. no.

Bulletin 1756 ControlLogix AIFMs and Cables, Continued

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1756 analog I/O module and a D-shell connector on the other end to plug into a 20- or 40-terminal AIFM. You must first select the AIFM from the preceding selection table.

Cat. No.	Standard Cable Lengths	Build-to-Order Available	AIFM Connector	Mating I/O Module Cat. No.
1492-ACABLE*M	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1757-PIM
1492-ACABLE*X	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Current
1492-ACABLE*Y	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Voltage, -IT6I, -OF6CI, -OF6VI
1492-ACABLE*YT	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IT6I2
1492-ACABLE*Z	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IR16, -IF6CIS
1492-ACABLE*TA	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF8 Single-Ended Voltage
1492-ACABLE*TB	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF8 Single-Ended Current
1492-ACABLE*TC	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF8 Differential Voltage
1492-ACABLE*TD	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF8 Differential Current
1492-ACABLE*UA	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Single-Ended Voltage
1492-ACABLE*UB	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Single-Ended Current
1492-ACABLE*UC	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Differential Voltage
1492-ACABLE*UD	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF16 Differential Current
1492-ACABLE*VA	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1756-OF4 Voltage
1492-ACABLE*VB	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1756-OF4 Current
1492-ACABLE*WA	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-OF8 Voltage
1492-ACABLE*WB	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-OF8 Current
1492-ACABLE*XA	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-HSC (24V DC Diff.)
1492-ACABLE*XB	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-HSC (5V DC Diff.)
1492-ACABLE*ZA	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF4FXOF2F (Cur In & Out)
1492-ACABLE*ZB	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF4FXOF2F (Volt In & Out)
1492-ACABLE*ZC	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1756-IF4FXOF2F (Cur In & Volt Out)

* Cables are available in standard lengths of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-ACABLE005Y** is for a 0.5 m cable that could be used to connect a Cat. No. 1492-AIFM6TC-3 analog IFM to a Cat. No. 1756-IT6I I/O module.

MicroLogix 1200 Embedded 40 I/O Controllers to IFM and Cable Selection Tables

Bulletin 1762-L40x Compatible 40-Terminal 1492-IFMs

Description of 40-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	1762 Embedded I/O					
			-L40AWA Inputs	-L40BWA Inputs	-L40BWB Inputs	-L40AWA Outputs	-L40BWA Outputs	-L40BWB Outputs
Feed-through								
Standard 132V AC/DC Max.	1492-IFM40F*	1492-RIFM40F**	A62	A62	A62	B62	B62	B62
Extra terminals (2 per I/O) 132V AC/DC Max.	1492-IFM40F-2*	1492-RIFM40F-2**	A62	A62	A62	B62	B62	B62

* When using this IFM module with the base I/O of the 1762 controller, the current rating of the outputs must be considered. Refer to Publication 1492-TD008 for details.

** Compatible RTB plug; 1492-RTB20N (screw style terminal) or 1492-RTB20P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.

Pre-Wired Cables for 1762-L40x Embedded I/O

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1762 Controller I/O Cat. No.
1492-CAB*A62	0.5, 1.0, 2.5, 5.0 m	Yes	40	1762-L40AWA Inputs, -L40BWA Inputs, -L40BWB Inputs
1492-CAB*B62	0.5, 1.0, 2.5, 5.0 m	Yes	40‡	1762-L40AWA Outputs, -L40BWA Outputs, -L40BWB Outputs

* Pre-wired cables are available in standard lengths of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB005A62** is for a 0.5 m cable that could be used to connect a catalog number 1492-IFM40F to a catalog number 1762-L40AWA Input.

I/O Ready Cables for 1762 Base I/O

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors‡	Mating 1762 Controller I/O Cable Cat. No.
1492-CAB*T62	1.0, 2.5, 5.0 m	Yes	25	1762 -L40AWA Outputs, -L40BWA Outputs, -L40BWB Outputs
1492-CAB*X62	1.0, 2.5, 5.0 m	Yes	40	1762-L40AWA Inputs, -L40BWA Inputs, -L40BWB Inputs

* I/O ready cables are available in standard lengths of 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB010T62** is for a 1.0 m cable that could be used to connect a catalog number 1492-IFM40F to a catalog number 1762-L40AWA Input.

MicroLogix 1500 Base Unit I/O to IFM and Cable Selection Tables

Bulletin 1764, Base Units I/O and Compatible 20-Pin 1492-IFMs

Description of 20-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	1764 Base I/O					
			AWA Inputs	BWA Inputs	BXB Inputs	AWA Outputs	BWA Outputs	BXB Outputs
Feed-through								
Standard 264V AC/DC Max.	1492-IFM20F*	1492-RIFM20F**	A64	A64	B64	C64	C64	F64
Narrow standard 132V AC/DC Max.	1492-IFM20FN*	1492-RIFM20FN*‡	A64	A64	B64	C64	C64	F64
Extra terminals (2 per I/O) 264V AC/DC Max.	1492-IFM20F-2*	1492-RIFM20F-2**	A64	A64	B64	C64	C64	F64

* When using this IFM module with the base I/O of the 1764 controller, the current rating of the outputs must be considered. Refer to Publication 1492-TD008 for details.

** Compatible RTB plug 1492-RTB20N (screw style terminal) or 1492-RTB20P. Order plugs separately. 2 plugs per cat. no.

‡ Compatible RTB plug 1492-RTB10N (screw style terminal) or 1492-RTB10P. Order plugs separately. 2 plugs per cat. no.

Pre-Wired Cables for 1764 Base I/O

Pre-wired cables have a pre-wired RTB on one end to plug into bulletin 1764 base and a 20-pin female connector on the other end to plug into a 20-terminal IFM/XIM.

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1764 Base I/O Cat. No.
1492-CAB*A64	0.5, 1.0, 2.5, 5.0 m	Yes	20	AWA Inputs, BWA Inputs
1492-CAB*B64	0.5, 1.0, 2.5, 5.0 m	Yes	20	BXB Inputs
1492-CAB*C64	0.5, 1.0, 2.5, 5.0 m	Yes	20	AWA Outputs, BWA Outputs
1492-CAB*F64	0.5, 1.0, 2.5, 5.0 m	Yes	20	BXB Outputs

* Pre-wired cables are available in standard lengths of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB005A64** is for a 0.5 m cable that could be used to connect a catalog number 1492-IFM20F to a catalog number 1764-AWA Input.

I/O Ready Cables for 1764 Base I/O

I/O ready cables have a pre-wired RTB on one end to plug into the 1764 base and 20 individually colored conductors on the other end.

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1764 Base I/O Cat. No.
1492-CAB*T64	1.0, 2.5, 5.0 m	Yes	20‡	AWA Outputs, BWA Outputs
1492-CAB*U64	1.0, 2.5, 5.0 m	Yes	20‡	BXB Outputs
1492-CAB*W64	1.0, 2.5, 5.0 m	Yes	20§	AWA Inputs, BWA Inputs
1492-CAB*X64	1.0, 2.5, 5.0 m	Yes	20§	BXB Inputs

* I/O ready cables are available in standard lengths of 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB050T64** is for a 1.0 m cable that could be used to connect a catalog number 1492-IFM20F to a catalog number 1762-AWA Input.

‡ Uses #18 AWG wire.

§ Uses #22 AWG wire.

Programmable Wiring Systems

Product Selection, Continued

Bulletin 1769 Compact I/O for CompactLogix and MicroLogix 1500 Controller IFM/XIMs and Cables Selection Table
Digital 8 and 16-Point I/O Modules ‡

Description of 20-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1769-...												
			I A 8 I	I A 1 6	I Q 1 6	I Q 1 F	I M 1 2	O A 1 8	O A 1 6	O B 1 8	O V 1 6	O V 1 6	O W 8 I	O W 1 6	
Feed-through															
Standard 264V AC/DC Max.	1492-IFM20F	1492-RIFM20F%	F69	A69	B69	B69	G69	C69	M69	L69	E69	E69	C69	D69	M69
Narrow standard 132V AC/DC Max.	1492-IFM20FN	1492-RIFM20FN+	F69	A69	B69	B69	—	C69	M69	L69	E69	E69	C69	—	M69
Extra terminals (2 per I/O) 264V AC/DC Max.	1492-IFM20F-2	1492-RIFM20F-2%	—	A69	B69	B69	G69	C69	M69	L69	E69	E69	C69	—	M69
3-wire sensor type input devices 132V AC/DC Max.	1492-IFM20F-3	—	—	A69	B69	B69	—	—	—	—	—	—	—	—	—
LED Indicating															
Standard with 24V AC/DC LEDs	1492-IFM20D24	—	—	—	B69	B69	—	—	—	—	E69	E69	—	—	M69
Narrow standard with 24V AC/DC LEDs	1492-IFM20D24N	—	—	—	B69	B69	—	—	—	—	E69	—	—	—	H69
Standard with 120V AC/DC LEDs	1492-IFM20D120§	—	—	A69	—	—	—	—	M69	—	—	—	—	—	M69
Narrow standard with 120V AC LEDs	1492-IFM20D120N	—	—	A69	—	—	—	—	H69	—	—	—	—	—	H69
24V AC/DC LEDs and extra terminals for outputs	1492-IFM20D24-2	—	—	—	—	—	—	—	—	—	E69	E69	—	—	M69
24V AC/DC LEDs and extra terminals for inputs	1492-IFM20D24A-2	—	—	—	B69	B69	—	—	—	—	—	—	—	—	—
120V AC LEDs and extra terminals for outputs	1492-IFM20D120-2	—	—	—	—	—	—	—	M69	—	—	—	—	—	M69
120V AC LEDs and extra terminals for inputs	1492-IFM20D120A-2	—	—	A69	—	—	—	—	—	—	—	—	—	—	—
3-wire sensor with 24V AC/DC LEDs	1492-IFM20D24-3	—	—	—	B69	B69	—	—	—	—	—	—	—	—	—
8 Individually isolated with 24/48V AC/DC LEDs and 4 terminals/output	1492-IFM20DS24-4	—	—	—	—	—	—	—	—	—	—	—	C69	D69	—
8 Individually isolated with 120V AC LEDs and 4 terminals/output	1492-IFM20DS120-4	—	—	—	—	—	—	C69	—	—	—	—	C69	D69	—
240V AC LEDs and extra terminals for outputs	1492-IFM20D240-2	—	—	—	—	—	—	—	M69	—	—	—	—	—	M69
240V AC LEDs and extra terminals for inputs	1492-IFM20D240A-2	—	—	—	—	—	G69	—	—	—	—	—	—	—	—
Fusible															
120V AC/DC with extra terminals for outputs	1492-IFM20F-F-2	1492-RIFM20F-F-2%	—	—	—	—	—	—	M69	—	E69	E69	—	—	M69
Extra terminals with 24V AC/DC blown fuse LED indicators	1492-IFM20F-F24-2	1492-RIFM20F-F24-2%	—	—	—	—	—	—	—	—	E69	E69	—	—	M69
Extra terminals with 120V AC/DC blown fuse LED indicators	1492-IFM20F-F120-2	1492-RIFM20F-F120-2%	—	—	—	—	—	—	M69	—	—	—	—	—	M69
Extra terminals with 240V AC/DC blown fuse LED indicators	1492-IFM20F-F240-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Extra terminals with 24V AC/DC blown fuse LED indicators for inputs	1492-IFM20F-F24A-2	1492-RIFM20F-F24A-2%	—	—	B69*	B69*	—	—	—	—	—	E69	—	—	—
Extra terminals with 120V AC/DC blown fuse LED indicators for inputs	1492-IFM20F-F120A-2	1492-RIFM20F-F120A-2%	—	A69	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated 120V AC/DC with extra terminals for outputs	1492-IFM20F-FS-2	—	—	—	—	—	—	C69	—	—	—	—	C69	D69	—
8 Individually isolated with extra terminals and 24V AC/DC blown fuse LED indicators	1492-IFM20F-FS24-2	—	—	—	—	—	—	—	—	—	—	—	C69	D69	—

Note: Footnotes are on page 12-145.

Description of 20-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1769-...												
			I A 8 I	I A 1 6	I Q 1 6	I Q 1 F	I M 1 2	O A 1 8	O A 1 6	O B 8	O B 1 6	O V 1 6	O W 8	O W 1 6	
Fusible															
Two 4-point isolated groups with four terminals/input and 24V AC/DC blown fuse LED indicators	1492-IFM20F-FS24A-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated with extra terminals/output and 120V AC/DC blown fuse LED indicators	1492-IFM20F-FS120-2	—	—	—	—	—	—	—	C69	—	—	—	—	C69	D69
8 Individually isolated with 4 terminals/output and 120V AC/DC blown fuse LED indicators	1492-IFM20F-FS120-4	—	—	—	—	—	—	—	C69	—	—	—	—	C69	D69
Two 4-point isolated groups with four terminals/input and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120A-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated with 4 terminals/output and 240V AC/DC blown fuse LED indicators	1492-IFM20F-FS240-4	—	—	—	—	—	—	—	—	—	—	—	—	D69	—
Relay Master (LED Indicating) * >															
20-pin master with eight 24V DC relays	1492-XIM2024-8R	—	—	—	—	—	—	—	—	—	—	E69	—	—	—
20-pin master with eight 120V AC relays	1492-XIM20120-8R	—	—	—	—	—	—	—	H69	—	—	—	—	—	—
20-pin master with sixteen 24V DC relays	1492-XIM2024-16R	—	—	—	—	—	—	—	—	—	E69	—	—	—	—
20-pin master with sixteen 24V DC relays with fusing	1492-XIM2024-16RF	—	—	—	—	—	—	—	—	—	E69	—	—	—	—
20-pin master with sixteen 120V AC relays	1492-XIM20120-16R	—	—	—	—	—	—	—	H69	—	—	—	—	—	—
20-pin master with sixteen 120V AC relays with fusing	1492-XIM20120-16RF	—	—	—	—	—	—	—	H69	—	—	—	—	—	—
Relay Expander (LED Indicating) * >															
Expander with eight 24V DC relays	1492-XIM24-8R	1492-RXIM24-8R	—	—	—	—	—	—	—	—	—	*	—	—	—
Expander with eight 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fusible Expander															
8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	—	—	—	*	—	—	—	—
8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	*	—	—	—	—	—	—
Feed-through Expander															
Expander with eight feed-through channels 132V AC/DC max	1492-XIMF-2	—	—	—	—	—	—	—	*	*	*	—	—	—	—

- * In the input module's sink mode only.
- * One expander module is connected to a master to provide a total of 16 outputs. An extender cable is included with each expander to connect it to the master.
- ‡ Cables are available in standard length of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the catalog number 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Cat. No. 1402-CALBE050A** is for a 5.0 m cable, and the letter A.
- § This IFM is not recommended for use the PLC I/O modules that have an off-state leakage current exceeding 0.5 mA. Use a 1492-IFM20D120N or 1492-IFM20D120A-2 for inputs. Use 1492-IFM20D120-2 for outputs.
- > The LED indicates the PLC output status.
- * Compatible RTB plug 1492-RTB20N (screw style terminal) or 1492-RTB20P. Order plugs separately. 2 plugs per cat. no.
- + Compatible RTB plug 1492-RTB10N (screw style terminal) or 1492-RTB10P. Order plugs separately. 2 plugs per cat. no.

Bulletin 1769 Selection Tables, Continued

Bulletin 1769 Digital 32-Point I/O Modules *

Description of 40-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1769-...				
			I Q 3 2	I Q 3 2	O B 3 2	O B 3 2	O V 3 2
Feed-through							
Standard 132V AC/DC Max.	1492-IFM40F	1492-RIFM40F ➤	J69	H	K69	H	H
Extra terminals (2 per I/O) 132V AC/DC Max.	1492-IFM40F-2	1492-RIFM40F-2 ➤	J69	H	K69	H	H
3-wire sensor type input devices 60V AC/DC Max.	1492-IFM40F-3	—	J69	H	—	—	—
LED Indicating							
Standard with 24V AC/DC LEDs	1492-IFM40D24	1492-RIFM40D24➤	J69	H	K69	H	H
24V AC/DC LEDs and extra terminals for outputs	1492-IFM40D24-2	—	—	—	K69	H	H
24V AC/DC LEDs and extra terminals for inputs	1492-IFM40D24A-2	1492-RIFM40D24A-2➤	J69	H	—	—	—
120V AC LEDs and extra terminals for outputs	1492-IFM40D120-2	—	—	—	—	—	—
120V AC LEDs and extra terminals for inputs	1492-IFM40D120A-2	—	—	—	—	—	—
3-wire sensor with 24V AC/DC LEDs	1492-IFM40D24-3	—	J69	H	—	—	—
16 individually isolated with 24/48V AC/DC LEDs and four terminals/output	1492-IFM40DS24-4	—	—	—	—	—	—
16 individually isolated with 24V AC/DC LEDs and four terminals/input	1492-IFM40DS24A-4	—	—	—	—	—	—
16 individually isolated with 120V AC LEDs and four terminals/output	1492-IFM40DS120-4	—	—	—	—	—	—
16 individually isolated with 120V AC LEDs and four terminals/input	1492-IFM40DS120A-4	—	—	—	—	—	—
16 individually isolated with 240V AC LEDs and four terminals/input	1492-IFM40DS240A-4	—	—	—	—	—	—
Fusible							
120V AC/DC with extra terminals for 32-point outputs	1492-IFM40F-F-2	—	—	—	K69	H	H
Extra terminals with 24V AC/DC blown fuse indicators for 32-point outputs	1492-IFM40F-F24-2	1492-RIFM40F-F24-2➤	—	—	K69	H	H
Extra terminals with 120V AC/DC blown fuse indicators for outputs	1492-IFM40F-F120-2	—	—	—	—	—	—
16 individually isolated with extra terminals for 120V AC/DC outputs	1492-IFM40F-FS-2	—	—	—	—	—	—
16 individually isolated with extra terminals and 24V AC/DC blown fuse indicators	1492-IFM40F-FS24-2	—	—	—	—	—	—
16 individually isolated with 24V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS24-4	—	—	—	—	—	—
16 individually isolated 240V AC/DC with four terminals/output	1492-IFM40F-FS-4	—	—	—	—	—	—
16 individually isolated with extra terminals and 120V AC/DC blown fuse LED indicators	1492-IFM40F-FS120-2	1492-RIFM40F-FS120-2➤	—	—	—	—	—
16 individually isolated with 120V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS120-4	1492-RIFM40F-FS120-4⚡	—	—	—	—	—
16 individually isolated with 240V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS240-4	—	—	—	—	—	—
16 individually isolated with 24V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS24A-4	—	—	—	—	—	—
16 individually isolated with 120V AC/DC with four terminals/input	1492-IFM40F-FSA-4	—	—	—	—	—	—
16 individually isolated with 120V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS120A-4	1492-RIFM40F-FS120A-4⚡	—	—	—	—	—
16 individually isolated with 240V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS240A-4	—	—	—	—	—	—
Relay Master (LED Indicating)§*							
40-pin master with eight 24V DC relays	1492-XIM4024-8R	—	—	—	K69	H	—
40-pin master with sixteen 24V DC relays	1492-XIM4024-16R	1492-RXIM4024-16R➤	—	—	K69	H	—
40-pin master with sixteen 24V DC relays with fusing	1492-XIM4024-16RF	—	—	—	K69	H	—
Relay Expander (LED Indicating)§*							
Expander with eight 24V DC relays	1492-XIM24-8R	1492-RXIM24-8R❖	—	—	❖	❖	—
Expander with eight 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—
Fusible Expander							
8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	❖	❖	—
8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—
Expander with sixteen 24V DC relays with fusing	1492-XIM24-16RF	—	—	—	‡	‡	—

Note: Footnotes are on page 12-147.



Description of 40-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1769-...				
			I Q 3 2 2	I Q 3 2 T	O B 3 2 2	O B 3 2 T	O V 3 2 T
Feed-through Expander							
Expander with eight (8) feed-through channels 132V AC/DC max	1492-XIMF-2	—	—	—	*	*	

* Cables are available in standard lengths of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the catalog number, e.g., 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Cat. No. 1492-CABLE050A** is for a 5.0 m cable, and the letter A.

* Can have up to 2 or 3 expander modules depending upon master used (total 32 outputs or less). An extender cable is provided.

‡ The 1492-XIM24-16RF is to be used with one 1492-XIM4024-16R or 1492-XIM4024-16RF master (32 pts. max.).

* The LED indicates the PLC output status.

> Compatible RTB plug; 1492-RTB20N (screw style terminal) or 1492-RTB20P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.

* Compatible RTB plug; 1492-RTB17N (screw style terminal) or 1492-RTB17P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.

+ Compatible RTB plug; 1492-RTB14N (screw style terminal) or 1492-RTB14P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.

∗ Compatible RTB plug; 1492-RTB12N (screw style terminal) or 1492-RTB12P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.

Bulletin 1769 Compact I/O for CompactLogix and MicroLogix 1500 IFMs and Cables

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1769 digital I/O module and a connector on the other end to plug into a 20-terminal IFM/XIM. You must first select the IFM/XIM from the preceding selection table.

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1769 I/O Module Cat. No.
1492-CAB*A69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-IA16
1492-CAB*B69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-IQ16
1492-CAB*C69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-OA8, -OW8
1492-CAB*D69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-OW8I
1492-CAB*E69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-OB16, -OV16
1492-CAB*F69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-IA8I
1492-CAB*G69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-IM12
1492-CAB*H69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-OA16, -OW16 (IFM modules with single common)
1492-CAB*J69	0.5, 1.0, 2.5, 5.0 m	Yes	40	1769-IQ32
1492-CAB*K69	0.5, 1.0, 2.5, 5.0 m	Yes	40	1769-OB32
1492-CAB*L69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-OB8
1492-CAB*M69	0.5, 1.0, 2.5, 5.0 m	Yes	20	1769-OA16, -OW16 (IFM modules with multiple commons)
1492-CABLE*H	0.5, 1.0, 2.5, 5.0 m	Yes	40	1769-IQ32T, -OB32T, -OV32T

* Cables are available in standard lengths of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB005E69** is for a 0.5 m cable that can be used to connect a Cat. No. 1492-IFM20D24N IFM to a Cat. No. 1769-OB16 I/O module.

The **I/O module-ready cables** have a pre-wired RTB on one end to plug onto the front of a Bulletin 1769 I/O module and 20 individually colored #18 AWG conductors on the other end. These cables provide the convenience of pre-wired connections at the I/O module end, while still allowing the flexibility to fieldwire to standard terminal blocks of your choice.

I/O Module-Ready Cables for Bulletin 1769 Digital I/O Modules §

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1769 I/O Module Cat. No.
1492-CAB*RTN10	1.0, 2.5, 5.0 m	Yes	12	1769-OA8, -OW8, -OB8
1492-CAB*RTN18	1.0, 2.5, 5.0 m	Yes	20	1769-IA8I, -IA16, -IQ16, IQ16F, -OA16, -OB16, -OV16, -OW16, -OW8I, -IM12, -OW16, -OB8
1492-CAB*RTN32I	1.0, 2.5, 5.0 m	Yes	40‡	1769-IQ32
1492-CAB*RTN32O	1.0, 2.5, 5.0 m	Yes	40‡	1769-OB32
1492-CABLE*N3	1.0, 2.5, 5.0 m	Yes	40‡	1769-IQ32T, -OB32T, -OV32T

* Cables are available in standard lengths of 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB050RTN10** is for a 5.0 m cable with a wired Cat. No. 1769-RTBN10 on one end.

‡ Use #22 AWG wire.

§ Discrete I/O ready cables should not be used with PLC analog I/O modules as a cable shield and drain wire are not provided.

Bulletin 1769 Compact I/O for CompactLogix and MicroLogix 1500 Controller AIFM and Cable Selection Table
AIFMs for Bulletin 1769 Analog I/O Modules*

Description	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1769-...																
			HSC	IF4 (Single-Ended Voltage)	IF8 (Single-Ended Voltage)	IF4 (Single-Ended Current)	IF8 (Single-Ended Current)	IF4 (Differential Voltage)	IF8 (Differential Voltage)	IF4 (Differential Current)	IF8 (Differential Current)	IF4XOF2 or IF4XOF2F (Cur In & out)	IF4XOF2 or IF4XOF2F (Volt In & out)	IF4XOF2 or IF4XOF2F (Cur In & Volt out)	IR6	OF2 (Voltage)	OF8V (Voltage)	OF2 (Current)	OF8C (Current)
Feed-through																			
4-channel input, output or 2-in/2-out combination with 3 terminals/channel	1492-AIFM4-3	1492-RAIFM4-3‡	—	BA69	—	BB69	—	BC69	—	BD69	—	—	—	—	AA69	—	AB69	—	—
6-channel isolated with 3...4 terminals/channel	1492-AIFM6S-3	1492-RAIFM6S-3§	—	—	—	—	—	—	—	—	—	CA69	CB69	CC69	C69	—	—	—	—
8-channel differential 16-channel single-ended with 3 terminals/channel	1492-AIFM8-3	1492-RAIFM8-3*	—	—	EA69	—	EB69	—	EC69	—	ED69	—	—	—	—	—	D69	—	D69
Thermocouple																			
6-channel with 3 terminals/channel	1492-AIFM6TC-3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
High-Speed Counter/Encoder																			
2-channel counter input/4 outputs	1492-AIFMCE4	—	HA69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fused High-Speed Counter/Encoder																			
2-channel fused counter input/4 fused outputs	1492-AIFMCE4-F	—	HA69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fusible Analog																			
4-channel with 24V blown fuse indicators, test points, 5 terminals/input	1492-AIFM4I-F-5	—	—	BA69	—	BB69	—	BC69	—	BD69	—	—	—	—	—	—	—	—	—
2-channel output, 2-channel input with 24V blown fuse indicators, test points, 5 terminals/input, 3 terminals/output	1492-AIFM4C-F-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8-channel with 24V DC blown fuse indicators, 5 terminals/channel	1492-AIFM8-F-5	—	—	—	EA69	—	EB69	—	EC69	—	ED69	CA69	CB69	CC69	—	—	—	—	—
16-channel input with 24V DC blown fuse indicators, 3 terminals/channel	1492-AIFM16-F-3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16-channel input with 24V DC blown fuse indicators, 5 terminals/channel	1492-AIFM16-F-5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16-channel input with 24V DC blown fuse indicators, 5 terminals/channel	1492-AIFMQS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* Cables are available in standard lengths of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the catalog number, e.g., 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Cat. No. 1492-ACAB025BA69** is for a 2.5 m cable, and the letters BA.

‡ Compatible RTB plug 1492-RTB8N (screw style terminal) or 1492-RTB8P. Order plugs separately. 2 plugs per cat. no.

§ Compatible RTB plug 1492-RTB12N (screw style terminal) or 1492-RTB12P. Order plugs separately. 2 plugs per cat. no.

* Compatible RTB plug 1492-RTB16N (screw style terminal) or 1492-RTB16P. Order plugs separately. 2 plugs per cat. no.

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1769 analog I/O module and a connector on the other end to plug into a 20-terminal AIFM. You must first select the AIFM from the preceding selection table.

Pre-Wired Cables for Bulletin 1769 Analog I/O Modules

Cable Cat. No.	Standard Cable Length	Build-to-Order Available	Type of IFM/AIFM/XIM	Mating I/O Module Cat. No.
1492-ACAB*AA69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-OF2 Voltage
1492-ACAB*AB69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-OF2 Current
1492-ACAB*BA69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-IF4 Single-Ended Voltage
1492-ACAB*BB69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-IF4 Single-Ended Current
1492-ACAB*BC69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-IF4 Differential Voltage
1492-ACAB*BD69	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1769-IF4 Differential Current
1492-ACAB*CA69	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1769-IR6
1492-ACAB*CB69	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1769-IF4X0F2 or -IF4FX0F2F (Cur In and Out)
1492-ACAB*CC69	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1769-IF4X0F2 or -IF4FX0F2F (Volt In and Out)
1492-ACAB*CD69	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1769-IF4X0F2 or -IF4FX0F2F (Cur In and Volt Out)
1492-ACAB*DA69	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1769-OF8C, 1769-OF8V
1492-ACAB*EA69	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1769-IF8 Single-Ended Voltage
1492-ACAB*EB69	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1769-IF8 Single-Ended Current
1492-ACAB*EC69	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1769-IF8 Differential Voltage
1492-ACAB*ED69	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1769-IF8 Differential Current
1492-ACAB*HA69	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1769-HSC Counter/Encoder

* Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-ACAB005AA69** is for a 0.5 m cable that connects a 1492-AIFM4-3 to a 1769-OF2 analog output in voltage mode.

Programmable Wiring Systems

Product Selection, Continued

Bulletin 1771 PLC-5 IFM and Cable Selection Table

IFMs for Bulletin 1771 Digital 8-Point and 16-Point I/O Modules ‡

Description of 20-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1771-...																
			I A	I A 2	I A D	I B	I B D	I C D	I G D	I M D	I H	I N	I N D	I T	O A D	O B D	O G D	O M D	O N D
Feed-through																			
Standard 264V AC/DC Max.	1492-IFM20F	1492-RIFM20F%	—	—	F	—	F	F	F	F	—	—	F	—	*	*	F	F	*
Narrow standard 132V AC/DC Max.	1492-IFM20FN	1492-RIFM20FN †	—	—	F	—	F	F	F	—	—	F	—	*	*	F	—	*	
Extra terminals (2 per I/O) 264V AC/DC Max.	1492-IFM20F-2	1492-RIFM20F-2%	—	—	F	—	F	F	F	F	—	F	—	*	*	F	F	*	
3-wire sensor type input devices 132V AC/DC Max.	1492-IFM20F-3	—	—	—	F	—	F	F	F	—	—	F	—	—	—	—	—	—	
LED Indicating																			
Standard with 24V AC/DC LEDs	1492-IFM20D24	—	—	—	—	—	F	F	—	—	—	—	F	—	*	*	—	—	*
Narrow standard with 24V AC/DC LEDs	1492-IFM20D24N	—	—	—	—	—	F	F	—	—	—	—	F	—	*	*	—	—	*
Standard with 120V AC/DC LEDs	1492-IFM20D120§	—	—	—	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Narrow standard with 120V AC LEDs	1492-IFM20D120N	—	—	—	F	—	—	—	—	—	—	—	—	—	*	—	—	—	—
24V AC/DC LEDs and extra terminals for outputs	1492-IFM20D24-2	—	—	—	—	—	—	—	—	—	—	—	—	—	*	*	—	—	*
24V AC/DC LEDs and extra terminals for inputs	1492-IFM20D24A-2	—	—	—	—	—	F	F	—	—	—	—	F	—	—	—	—	—	—
120V AC LEDs and extra terminals for outputs	1492-IFM20D120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	*	—	—	—	—
120V AC LEDs and extra terminals for inputs	1492-IFM20D120A-2	—	—	—	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3-wire sensor with 24V AC/DC LEDs	1492-IFM20D24-3	—	—	—	—	—	F	F	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated with 24/48V AC/DC LEDs and 4 terminals/output	1492-IFM20DS24-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated with 120V AC LEDs and 4 terminals/output	1492-IFM20DS120-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
240V AC LEDs and extra terminals for outputs	1492-IFM20D240-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	F
240V AC LEDs and extra terminals for inputs	1492-IFM20D240A-2	—	—	—	—	—	—	—	F	—	—	—	—	—	—	—	—	—	—
Fusible																			
120V AC/DC with extra terminals for outputs	1492-IFM20F-F-2	1492-RIFM20F-F-2%	—	—	—	—	—	—	—	—	—	—	—	—	F	F	—	—	F
Extra terminals with 24V AC/DC blown fuse LED indicators	1492-IFM20F-F24-2	1492-RIFM20F-F24-2%	—	—	—	—	—	—	—	—	—	—	—	—	F	F	—	—	F
Extra terminals with 120V AC/DC blown fuse LED indicators	1492-IFM20F-F120-2	1492-RIFM20F-F120-2%	—	—	—	—	—	—	—	—	—	—	—	—	F	—	—	—	—
Extra terminals with 240V AC/DC blown fuse LED indicators	1492-IFM20F-F240-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	F
Extra terminals with 24V AC/DC blown fuse LED indicators for inputs	1492-IFM20F-F24A-2	1492-RIFM20F-F24A-2%	—	—	—	—	F	F	—	—	—	—	F	—	—	—	—	—	—
Extra terminals with 120V AC/DC blown fuse LED indicators for inputs	1492-IFM20F-F120A-2	1492-RIFM20F-F120A-2%	—	—	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated 120V AC/DC with extra terminals for outputs	1492-IFM20F-FS-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated with extra terminals and 24V AC/DC blown fuse LED indicators	1492-IFM20F-FS24-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Two 4-point isolated groups with four terminals/input and 24V AC/DC blown fuse LED indicators	1492-IFM20F-FS24A-4	—	—	—	—	T	—	—	—	—	T	T	—	T	—	—	—	—	—
8 Individually isolated with extra terminals/output and 120V AC/DC blown fuse LED indicators	1492-IFM20F-FS120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated with 4 terminals/output and 120V AC/DC blown fuse LED indicators	1492-IFM20F-FS120-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Two 4-point isolated groups with four terminals/input and 120V AC/DC blown fuse indicators	1492-IFM20F-FS120A-4	—	T	T	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Individually isolated with 4 terminals/output and 240V AC/DC blown fuse LED indicators	1492-IFM20F-FS240-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Note: Footnotes are on page 12-151.

Description of 20-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1771-...																
			I A	I A 2	I A D	I B	I B D	I C D	I G D	I M D	I H	I N	I D	I T	O A D	O B D	O G D	O M D	O N D
Relay Master (LED Indicating) † ➤																			
20-pin master with eight 24V DC relays	1492-XIM2024-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20-pin master with eight 120V AC relays	1492-XIM20120-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	—
20-pin master with sixteen 120V AC relays	1492-XIM20120-16R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	—
20-pin master with sixteen 120V AC relays with fusing	1492-XIM20120-16RF	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	—
20-pin master with sixteen 24V DC relays	1492-XIM2024-16R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	—
20-pin master with sixteen 24V DC relays with fusing	1492-XIM2024-16RF	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	*	—
Relay Expander (LED Indicating) † ➤																			
Expander with eight 24V DC relays	1492-XIM24-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	⊛	—
Expander with eight 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	⊛	—
Fusible Expander																			
8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	⊛	—
8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	⊛	—
Feed-through Expander																			
Expander with eight feed-through channels 132V AC/DC max	1492-XIMF-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	⊛	⊛

* Either F or FF.
 ⊛ One expander is connected to a master to provide a total of 16 outputs. An extender cable is included with each expander to connect it to the master.
 † Cables are available in standard length of 0.5, 1.0, and 5.0 m. To order, insert the code for the desired cable length into the catalog number 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Catalog Number 1402-CABLE050A** is for a 5.0 m cable, and the letter A.
 § This IFM is not recommended for use with PLC I/O modules that have an off-state leakage current exceeding 0.5 mA. Use a 1492-IFM20D120N or 1492-IFM20D120A-2 for inputs. Use 1492-IFM20D120-2 for outputs.
 ➤ The LED indicates the PLC output status.
 ⊛ Compatible RTB plug 1492-RTB20N (screw style terminal) or 1492-RTB20P. Order plugs separately. 2 plugs per cat. no.
 † Compatible RTB plug 1492-RTB10N (screw style terminal) or 1492-RTB10P. Order plugs separately. 2 plugs per cat. no.

Programmable Wiring Systems

Product Selection, Continued

IFMs for Bulletin 1771 Digital 16-Point Isolated and 32-Point I/O Modules ‡

Description of 40-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1771-...															
			I A N	I B N	D 1 6	Q 1 6	V N	O A N	O B N	O D 6	O D 6	O Q 6	O V N	O W 6	O W N	O W N	s c i m 1 6 \$	s c o m 1 6 \$
Feed-through																		
Standard 132V AC/DC Max.	1492-IFM40F	1492-RIFM40F+	J	J	M	M	K	L	L	M	M	M	L	R	L	L	—	M
Extra terminals (2 per I/O) 132V AC/DC Max.	1492-IFM40F-2	1492-RIFM40F-2+	J	J	—	—	K	L	L	—	—	—	L	R	L	L	—	—
3-wire sensor type input devices 60V AC/DC Max.	1492-IFM40F-3	—	—	J	—	—	K	—	—	—	—	—	—	—	—	—	—	—
LED Indicating																		
Standard with 24V AC/DC LEDs	1492-IFM40D24	1492-RIFM40D24+	—	J	—	—	K	—	L	—	—	—	L	—	L	L	—	—
24V AC/DC LEDs and extra terminals for outputs	1492-IFM40D24-2	—	—	—	—	—	—	—	L	—	—	—	L	—	L	L	—	—
24V AC/DC LEDs and extra terminals for inputs	1492-IFM40D24A-2	1492-RIFM40D24A-2+	—	J	—	—	K	—	—	—	—	—	—	—	—	—	—	—
120V AC LEDs and extra terminals for outputs	1492-IFM40D120-2	—	—	—	—	—	—	L	—	—	—	—	—	—	L	L	—	—
120V AC LEDs and extra terminals for inputs	1492-IFM40D120A-2	—	J	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3-wire sensor with 24V AC/DC LEDs	1492-IFM40D24-3	—	—	J	—	—	K	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with 24/48V AC/DC LEDs and four terminals/output	1492-IFM40DS24-4	—	—	—	—	—	—	—	—	—	—	M	—	—	—	—	—	—
16 individually isolated with 24V AC/DC LEDs and four terminals/input	1492-IFM40DS24A-4	—	—	—	—	M	—	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with 120V AC LEDs and four terminals/output	1492-IFM40DS120-4	—	—	—	—	—	—	—	—	M	M	—	—	—	—	—	—	M
16 individually isolated with 120V AC LEDs and four terminals/input	1492-IFM40DS120A-4	—	—	—	M	—	—	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with 240V AC LEDs and four terminals/input	1492-IFM40DS240A-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	M	—
Fusible																		
120V AC/DC with extra terminals for 32-point outputs	1492-IFM40F-F-2	—	—	—	—	—	—	L	L	—	—	—	L	—	L	L	—	—
Extra terminals with 24V AC/DC blown fuse indicators for 32-point outputs	1492-IFM40F-F24-2	1492-RIFM40F-F24-2+	—	—	—	—	—	L	—	—	—	L	—	L	L	—	—	—
Extra terminals with 120V AC/DC blown fuse indicators for outputs	1492-IFM40F-F120-2	—	—	—	—	—	—	L	—	—	—	—	—	L	L	—	—	—
16 individually isolated with extra terminals for 120V AC/DC outputs	1492-IFM40F-FS-2	—	—	—	—	—	—	—	—	M	M	M	—	R71 ♣	—	—	—	M
16 individually isolated with extra terminals and 24V AC/DC blown fuse indicators	1492-IFM40F-FS24-2	—	—	—	—	—	—	—	—	—	—	M	—	R71 ♣	—	—	—	—
16 individually isolated with 24V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS24-4	—	—	—	—	—	—	—	—	—	—	M	—	—	—	—	—	—
16 individually isolated 240V AC/DC with four terminals/output	1492-IFM40F-FS-4	—	—	—	—	—	—	—	—	—	—	M	—	—	—	—	—	—
16 individually isolated with extra terminals and 120V AC/DC blown fuse LED indicators	1492-IFM40F-FS120-2	1492-RIFM40F-FS120-2+	—	—	—	—	—	—	—	M	M	—	—	R71 ♣	—	—	—	M
16 individually isolated with 120V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS120-4	1492-RIFM40F-FS120-4♣	—	—	—	—	—	—	—	M	M	—	—	—	—	—	—	M
16 individually isolated with 240V AC/DC blown fuse indicators and four terminals/output	1492-IFM40F-FS240-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	M
16 individually isolated with 24V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS24A-4	—	—	—	—	M	—	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with 120V AC/DC with four terminals/input	1492-IFM40F-FSA-4	—	—	—	M	M	—	—	—	—	—	—	—	—	—	—	—	—
16 individually isolated with 120V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS120A-4	1492-RIFM40F-FS120A-4♣	—	—	M	—	—	—	—	—	—	—	—	—	—	—	—	—

Note: Footnotes are on page 12-153.

Description of 40-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1771-...															
			I A N	I B N	D 1 6	I Q 1 6	I V N	O A N	O B N	O D 1 6	O Q 1 6	O V N	O W 1 6	O W N	O W A	S C I M 1 6	S C O M 1 6	
Fusible																		
16 Individually isolated with 240V AC/DC blown fuse indicators and four terminals/input	1492-IFM40F-FS240A-4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Relay Master (LED Indicating) > ¶																		
40-pin master with eight 24V DC relays	1492-XIM4024-8R	—	—	—	—	—	—	—	—	L	—	—	—	—	—	—	—	
40-pin master with sixteen 24V DC relays	1492-XIM4024-16R	1492-RXIM4024-16R▲	—	—	—	—	—	—	—	L	—	—	—	—	—	—	—	
40-pin master with sixteen 24V DC relays with fusing	1492-XIM4024-16RF	—	—	—	—	—	—	—	—	L	—	—	—	—	—	—	—	
Relay Expander (LED Indicating) > ¶																		
Expander with eight 24V DC relays	1492-XIM24-8R	1492-RXIM24-8R ¹¹	—	—	—	—	—	—	—	*	—	—	—	—	—	—	—	
Expander with eight 120V AC relays	1492-XIM120-8R	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Fusible Expander																		
8-channel expander with 24V DC blown fuse indicators	1492-XIMF-F24-2	—	—	—	—	—	—	—	—	*	—	—	—	—	—	—	—	
8-channel expander with 120V AC blown fuse indicators	1492-XIMF-F120-2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Expander with sixteen 24V DC relays with fusing	1492-XIM24-16RF	—	—	—	—	—	—	—	—	¶	—	—	—	—	—	—	—	
Feed-through Expander																		
Expander with 8 feed-through channels 132V AC/DC max	1492-XIMF-2	—	—	—	—	—	—	—	—	*	—	—	—	—	—	—	—	

- * Two or three expanders are connected to a master to provide a total of 32 outputs max (depends on PLX module). And extender cable is included with each expander to connect it to the master.
- ¶ One 1492-XIM24-16RF is to be used with one 1492-XIM4024-16R and 1492-XIM4024-16RF master (32 pt. only).
- ‡ Cables are available in standard length of 0.5, 1.0, and 5.0 m. To order, insert the code for the desired cable length into the catalog number 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Catalog Number 1402-CABLE050A** is for a 5.0 m cable, and the letter A.
- § For information concerning this I/O module, contact Spectrum Controls (phone: 425.641.9473 or www.spectrumcontrols.com).
- ¶ Cable Catalog Number 1492-CAB‡ has the N.O. contacts only connected.
- ¶ The LED indicates the PLC output status.
- † Compatible RTB plug; 1492-RTB20N (screw style terminal) or 1492-RTB20P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.
- ‡ Compatible RTB plug; 1492-RTB17N (screw style terminal) or 1492-RTB17P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.
- ▲ Compatible RTB plug; 1492-RTB14N (screw style terminal) or 1492-RTB14P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.
- ¹¹ Compatible RTB plug; 1492-RTB12N (screw style terminal) or 1492-RTB12P. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.

Bulletin 1771 PLC-5 IFMs and Cables, Continued

These **pre-wired cables** have a wiring arm on one end to connect to the front of a Bulletin 1771 digital I/O module and a connector on the other end to plug into a 20- or 40-terminal IFM/XIM. You must first select the IFM/XIM from one of the preceding selection tables.

Pre-Wired Cables for Bulletin 1771 Digital I/O Modules

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1771 I/O Modules Cat. No.
1492-CABLE*F	0.5, 1.0, 2.5, 5.0 m	Yes	20	1771-IAD, -IBD, -ICD, -IGD, -IND, -OAD, -OBD, -OGD, -OMD, -OND, -IMD
1492-CABLE*FF	0.5, 1.0, 2.5, 5.0 m	Yes	20	1771-OAD, -OBD, -OND
1492-CABLE*J	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-IAN, -IBN
1492-CABLE*K	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-IVN
1492-CABLE*L	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-OAN, -OBN, -OVN, -OWN, -OWNA
1492-CABLE*M	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-ID16, -IQ16, -OD16, -ODD, -OQ16, -SCIM16, -SCOM16
1492-CABLE*R	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-OW16
1492-CAB*R71*	0.5, 1.0, 2.5, 5.0 m	Yes	40	1771-OW16
1492-CABLE*T	0.5, 1.0, 2.5, 5.0 m	Yes	20	1771-IA, -IA2, -IB, -IH, -IN, -IT

- * Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE005M** is for a 0.5 m cable that could be used to connect a Cat. No. 1492-IFM40F IFM to a Cat. No. 1771-ODD I/O module.
- * Cable Cat. No. 1492-CAB*R71 has only the N.O. contacts connected.

The **I/O module-ready cables** have a wiring arm on one end to plug onto the front of a Bulletin 1771 I/O module and 20 or 40 individually colored #18 AWG conductors on the other end. These cables provide the convenience of pre-wired connections at the I/O module end, while still allowing the flexibility to fieldwire to standard terminal blocks of your choice.

I/O Module-Ready Cables for 1771 Digital I/O Modules

Description	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CABLE‡WA	1.0, 2.5, 5.0 m	Yes	12	1771-IA, -IA2, -IB, -IC, -IH, -IM, -IN, -IT, -IV, -OA, -OB, -OC, -OM, -ON, -OP
1492-CABLE‡WD	1.0, 2.5, 5.0 m	Yes	12	1771-ID, -ID01, -OD, -ODZ, -OR, -OW, -OYL, -OZL
1492-CABLE‡WH	1.0, 2.5, 5.0 m	Yes	20	1771-IAD, -IBD, -ICD, -IGD, -IMD, -IND, -OAD, -OBD, -OGD, -OMD, -OND
1492-CABLE‡WHF§	1.0, 2.5, 5.0 m	Yes	20	1771-IBD, -OAD, -OBD, -OMD, -OND
1492-CABLE‡WN	1.0, 2.5, 5.0 m	Yes	40	1771-IAN, -IBN, -ID16, -IQ16, -IVN, -OAN, -OBN, -OD16, -ODD, -OQ16, -OVN, -OW16, -OWN, -OWNA

- ‡ Cables are available in standard lengths of 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE050WN** is for a 5.0 m cable with a pre-wired Cat. No. 1771-WN wiring arm on one end.
- § Includes an optional 3A fuse in the Wiring Arm for 1771 PLC mating I/O Modules.

Programmable Wiring Systems

Product Selection, Continued

Bulletin 1771 PLC-5 AIFMs and Cables

IFMs for Bulletin 1771 Analog I/O Modules *

Description of AIFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	I/O Module Cat. No. 1771-...									
			IFE (Differential)	IFF (Differential)	IFE (Single-Ended)	IFF (Single-Ended)	IL	IR	OFE1	OFE2	OFE3	
Feed-through												
4-channel input, output or 2-in/2-out combination with 3 terminals/channel	1492-AIFM4-3	1492-RAIFM4-3‡	—	—	—	—	—	—	—	G	G	G
6-channel isolated with 3...4 terminals/channel	1492-AIFM6S-3	1492-RAIFM6S-3§	—	—	—	—	—	—	J	—	—	—
8-channel differential 16-channel single-ended with 3 terminals/channel	1492-AIFM8-3	1492-RAIFM8-3*	E	E	F	F	H	—	—	—	—	—
Thermocouple												
6-channel with 3 terminals/channel*	1492-AIFM6TC-3	—	—	—	—	—	—	—	—	—	—	—
Fusible												
4-channel with 24V blown fuse indicators, test points, 5 terminals/input*	1492-AIFM4I-F-5	—	—	—	—	—	—	—	—	—	—	—
2-channel output, 2-channel input with 24V blown fuse indicators, test points, 5 terminals/input, 3 terminals/output*	1492-AIFM4C-F-5	—	—	—	—	—	—	—	—	—	—	—
8-channel with 24V DC blown fuse indicators, 5 terminals/channel	1492-AIFM8-F-5	—	E	E	—	—	—	—	—	—	—	—
16-channel input with 24V DC blown fuse indicators, 3 terminals/channel	1492-AIFM16-F-3	—	—	—	F	F	—	—	—	—	—	—
16-channel input with 24V DC blown fuse indicators, 5 terminals/channel	1492-AIFM16-F-5	—	—	—	F	F	—	—	—	—	—	—
4-input/4-output channel with 8 fuses and 24V blown fuse indicators	1492-AIFMQS	—	—	—	—	—	—	—	—	—	—	—

* Cables are available in standard length of 0.5, 1.0, and 5.0 m. To order, insert the code for the desired cable length into the catalog number 005 = 0.5 m (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m), and insert the letter in the box. Example: **Catalog Number 1402-ACABLE025A46** is for a 2.5 m cable, and the letter A.

* Cannot be used with SLC I/O.

‡ Compatible RTB plug 1492-RTB8N (screw style terminal) or 1492-RTB8P. Order plugs separately. 2 plugs per cat. no.

§ Compatible RTB plug 1492-RTB12N (screw style terminal) or 1492-RTB12P. Order plugs separately. 2 plugs per cat. no.

* Compatible RTB plug 1492-RTB16N (screw style terminal) or 1492-RTB16P. Order plugs separately. 2 plugs per cat. no.

These pre-wired cables have a wiring arm on one end to connect to the front of a Bulletin 1771 analog I/O module and a connector on the other end to plug into a 20- or 40-terminal IFM. You must first select the IFM from the preceding selection table.

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	AIFM Connector	Mating 1771 I/O Modules
1492-ACABLE*E	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1771-IFE, -IFF Differential
1492-ACABLE*F	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1771-IFE, -IFF Single-Ended
1492-ACABLE*G	0.5, 1.0, 2.5, 5.0 m	Yes	15-pin D-shell	1771-OFE1, -OFE2, -OFE3
1492-ACABLE*H	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1771-IL
1492-ACABLE*J	0.5, 1.0, 2.5, 5.0 m	Yes	25-pin D-shell	1771-IR

* Cables are available in standard lengths of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-ACABLE005E** is for a 0.5 m cable that could be used to connect a Cat. No. 1492-AIFM8-3 IFM to a Cat. No. 1771-IFE I/O module. Build-to-order lengths are also available.

PowerFlex 700H and 700S Drive IFM and Cable Selection Table

PowerFlex 700H and 700S Drive Digital Control I/O

Description of 20-Pin IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	700H Drive I/O Module		700S Drive I/O Module
			20C-D01 & 20C-DA1-A	20C-D01 & 20CDA1-B	TB2
Feed-through					
Standard 264V AC/DC Max.	1492-IFM20F	1492-RIFM20F*	A7H	B7H	A7S
Narrow standard 132V AC/DC Max.	1492-IFM20FN	1492-RIFM20FN*	A7H	B7H	A7S
Extra terminals (2 per I/O) 264V AC/DC Max.	1492-IFM20F-2	1492-RIFM20F-2*	A7H	B7H	A7S

* Compatible RTB plug; **Cat. Nos. 1492-RTB10N** (screw style terminal) or **1492-RTB10P**. ORDER PLUGS SEPARATELY. 2 plugs per cat. no.

Pre-Wired Cables for PowerFlex 700H and 700S Drive Digital I/O

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1762 Controller I/O Cat. No.
1492-CAB*A7H	0.5, 1.0, 2.5, 5.0 m	Yes	20	20C-DA1-A & 20C-D01
1492-CAB*B7H	0.5, 1.0, 2.5, 5.0 m	Yes	20	20C-DA1-B & 20C-D01
1492-CAB*A7S	0.5, 1.0, 2.5, 5.0 m	Yes	20	Terminal TB2

* Pre-wired cables are available in standard lengths of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB005A7H** is for a 0.5 m cable that could be used to connect a catalog number 1492-IFM20F IFM to a PowerFlex 700H drive 20C-D01 and 20C-DA1-A module.

PowerFlex 700H and 700S Drive Analog and Specialty Control I/O

Description of Analog IFM	Cat. No. for Wiring System Module with Fixed Terminal Block	Cat. No. for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	700H Drive I/O Module	700S Drive I/O Module	
			20C-DA1-A or 20C-DA1-B	TB1 (Pins 1...12)	TB1 (Pins 13...24)
Feed-through					
6-channel isolated with 3...4 terminals/channel	1492-AIFM6S-3	1492-RAIFM6S-3*	Z7H	Z7S	—
2-channel counter input/4 outputs	1492-AIFMCE4	—	—	—	X7S
2-channel fused counter input/4 fused outputs	1492-AIFMCE4-F	—	—	—	X7S

* Compatible RTB plug; 1492-RTB12N (screw style terminals) or 1492-RTB12P (push-in style terminals, available May 2008). ORDER PLUGS SEPARATELY. 2 plugs per cat. no.

Pre-Wired Cables for PowerFlex 700H and 700S Drive Analog I/O

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1762 Controller I/O Cat. No.
1492-ACAB*Z7H	0.5, 1.0, 2.5, 5.0 m	Yes	25-Pin D-Shell	20C-DA1-A or 20C-DA1-B I/O Board
1492-ACAB*Z7S	0.5, 1.0, 2.5, 5.0 m	Yes	25-Pin D-Shell	TB1
1492-ACAB*X7S	0.5, 1.0, 2.5, 5.0 m	Yes	25-Pin D-Shell	TB1

* Pre-wired cables are available in standard lengths of 0.5, 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-ACAB005Z7S** is for a 0.5 m cable that could be used to connect a Cat. No. 1492-AIFM6S-3 analog IFM to a PowerFlex 700S drive analog terminal I/O.

IFM-Ready I/O Cables

IFM-ready cables have a cable connector on one end to attach to the IFM and either 20 or 40 individually colored conductors on the other end (CABLE*P and CABLE*Q, respectively). These cables allow the IFM to be used in specialty applications that require a custom connection.

Cable Cat. No.	Standard Cable Lengths	Insulation Rating	No. Conductors	Conductor Size	Nominal Outer Diameter	Current/Conductor	Compatible IFM Cat. Nos.
1492-CABLE*P	1.0, 2.5, 5.0 m	300V, 80°C	20	22 AWG	9 mm (0.36 in.)	2 A	1492-IFM20..., 1492-XIM20...
1492-CABLE*Q	1.0, 2.5, 5.0 m	300V, 80°C	40	22 AWG	11.7 mm (0.46 in.)	2 A	1492-IFM40..., 1492-XIM40...

* IFM-ready cables are available in lengths of 1.0, 2.5, and 5.0 m. To order, insert the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE025P** is for a 2.5 m, 20 conductor IFM-ready cable. Also refer to Build-to-Order Length Cables below.

Build-to-Order Length Cable Selection

Cable Lengths	Increment Size	Cable Length Codes	Example Cat. No.
0.1...2.0 m	0.1 m	001...020	1492-CABLE015A (1.5 m cable)
2.0...10.0 m	0.5 m	020...100	1492-CABLE075P (7.5 m cable)
10.0...99.0 m	1.0 m	100...990	1492-CABLE150RTBB (15.0 m cable)

All Bulletin 1492 cables are available in build-to-order lengths. Consult your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

Digital IFM Specifications

Digital IFM Cat. No.	Voltage Range	Dimensions (W x H x D) [in.]*	Indicator Circuit Current (Nominal) [mA]	Label Card Cat. No.*
1492-IFM20F, -RIFM20F	0...264V AC/DC	4.33 x 3.27 x 2.78†	—	46006-190-01, 46006-233-01
1492-IFM20FN, -RIFM20FN	0...132V AC/DC	2.36 x 3.27 x 2.78†	—	46006-197-01, -237-01, -220-01
1492-IFM20F-2, -RIFM20F-2	0...264V AC/DC	4.33 x 3.27 x 2.78†	—	46006-192-01, -235-01, -221-01
1492-IFM20F-3	0...132V AC/DC	4.33 x 3.27 x 2.78	—	46006-210-01
1492-IFM20D24	10...30V AC/DC	4.33 x 3.27 x 2.78	2	46006-190-01, 46006-233-01
1492-IFM20D24N	10...30V AC/DC	2.36 x 3.27 x 2.78	2	46006-197-01, -237-01, -220-01
1492-IFM20D24-2	10...30V AC/DC	4.33 x 3.27 x 2.78	2	46006-192-01, -235-01, -221-01
1492-IFM20D24A-2	10...30V AC/DC	4.33 x 3.27 x 2.78	2	46006-211-01
1492-IFM20DS24-4	10...60V AC/DC	4.33 x 3.27 x 2.78	1.6	46006-209-01
1492-IFM20D24-3	10...30V AC/DC	4.33 x 3.27 x 2.78	2	46006-193-01, 46006-236-01
1492-IFM20D120	85...132V AC/DC	4.33 x 3.27 x 2.78	2.5	46006-190-01, 46006-233-01
1492-IFM20D120N	85...132V AC	2.36 x 3.27 x 2.78	2.5	46006-197-01, -237-01, -220-01
1492-IFM20D120-2	85...132V AC	4.33 x 3.27 x 2.78	2.5	46006-192-01, -235-01
1492-IFM20D120A-2	85...132V AC	4.33 x 3.27 x 2.78	2.5	46006-211-01
1492-IFM20DS120-4	85...132V AC	4.33 x 3.27 x 2.78	2.6	46006-209-01
1492-IFM20D240-2	204...264V AC	4.33 x 3.27 x 2.78	2.5	46006-192-01, -235-01
1492-IFM20D240A-2	204...264V AC	4.33 x 3.27 x 2.78	2.5	46006-211-01
1492-IFM20F-F-2, -RIFM20F-F-2	0...132V AC/DC	4.33 x 3.27 x 2.78†	—	46006-192-01, -235-01, -221-01
1492-IFM20F-F24-2, -RIFM20F-F24-2	10...30V AC/DC	4.33 x 3.27 x 2.78†	2	46006-192-01, -235-01, -221-01
1492-IFM20F-F24A-2, -RIFM20F-F24A-2	10...30V AC/DC	4.33 x 3.27 x 2.78†	2.4	46006-212-01
1492-IFM20F-F120-2, -RIFM20F-F120-2	85...132V AC	4.33 x 3.27 x 2.78†	2.5	46006-192-01, -235-01, -221-01
1492-IFM20F-F120A-2, -RIFM20F-F120A-2	85...132V AC/DC	4.33 x 3.27 x 2.78†	1.2	46006-212-01
1492-IFM20F-F240-2	204...264V AC	4.72 x 3.27 x 2.78	1.2	46006-192-01, -235-01
1492-IFM20F-FS-2	0...132V AC/DC	2.36 x 3.27 x 2.78	—	46006-204-01
1492-IFM20F-FS24-2	10...30V AC/DC	2.36 x 3.27 x 2.78	2	46006-204-01
1492-IFM20F-FS24A-4	10...30V AC/DC	3.15 x 3.27 x 2.78	2.4	46006-215-01
1492-IFM20F-FS120-2	85...132V AC/DC	2.36 x 3.27 x 2.78	2.5	46006-204-01
1492-IFM20F-FS120-4	85...132V AC/DC	4.33 x 3.27 x 2.78	1.2	46006-214-01
1492-IFM20F-FS120A-4	85...132V AC/DC	3.15 x 3.27 x 2.78	2.2	46006-215-01
1492-IFM20F-FS240-4	204...264V AC	4.33 x 3.27 x 2.78	1.2	46006-214-01
1492-IFM40F, -RIFM40F	0...132V AC/DC	4.33 x 3.27 x 2.78†	—	46006-191-01, 46006-234-01
1492-IFM40F-2	0...132V AC/DC	8.27 x 3.27 x 2.78	—	46006-224-01, -225-01, -239-01, -240-01
1492-RIFM40F-2	0...132V AC/DC	9.05 x 3.27 x 2.78	—	46006-224-01, -225-01, -239-01, -240-01
1492-IFM40F-3	0...60V AC/DC	8.27 x 3.27 x 2.78	—	46006-193-01, 46006-236-01
1492-IFM40D24, -RIFM40D24	10...30V AC/DC	4.33 x 3.27 x 2.78†	2	46006-191-01, 46006-234-01
1492-IFM40D24-2	10...30V AC/DC	8.27 x 3.27 x 2.78	2	46006-194-01, -195-01
1492-IFM40D24A-2	10...30V AC/DC	8.27 x 3.27 x 2.78	2	46006-224-01, -225-01, -239-01, -240-01
1492-RIFM40D24A-2	10...30V AC/DC	9.05 x 3.27 x 2.78	2	46006-224-01, -225-01, -239-01, -240-01
1492-IFM40DS24-4	10...60V AC/DC	6.69 x 3.27 x 2.78	4.1	46006-208-01
1492-IFM40DS24A-4	10...30V AC/DC	6.69 x 3.27 x 2.78	4.1	46006-208-01
1492-IFM40D24-3	10...30V AC/DC	8.27 x 3.27 x 2.78	2	46006-193-01, 46006-236-01
1492-IFM40D120-2	85...132V AC	8.27 x 3.27 x 2.78	2.5	46006-194-01, -195-01
1492-IFM40D120A-2	85...132V AC	8.27 x 3.27 x 2.78	2.5	46006-194-01, -195-01
1492-IFM40DS120-4	85...132V AC	6.69 x 3.27 x 2.78	2.6	46006-208-01
1492-IFM40DS120A-4	85...132V AC	6.69 x 3.27 x 2.78	2.6	46006-208-01
1492-IFM40DS240A-4	204...264V AC	6.69 x 3.27 x 2.78	2.6	46006-208-01
1492-IFM40F-F-2	0...132V AC/DC	8.27 x 3.27 x 2.78	—	46006-194-01, -195-01
1492-IFM40F-F24-2	10...30V AC/DC	8.27 x 3.27 x 2.78	2	46006-224-01, -225-01, -239-01, -240-01
1492-RIFM40F-F24-2	10...30V AC/DC	8.66 x 3.27 x 2.78	2	46006-224-01, -225-01, -239-01, -240-01
1492-IFM40F-F24D-2	10...30V AC/DC	4.72 x 3.27 x 2.78	<0.05	46006-201-01
1492-IFM40F-F24AD-4	10...30V AC/DC	7.09 x 3.27 x 2.78	<0.05	46006-206-01
1492-IFM40F-F120-2	85...132V AC	8.27 x 3.27 x 2.78	2.5	46006-194-001, -195-01
1492-IFM40F-FS-2	0...132V AC/DC	4.72 x 3.27 x 2.78	—	46006-201-01
1492-IFM40F-FS-4	0...264V AC/DC	7.09 x 3.27 x 2.78	—	46006-207-01
1492-IFM40F-FS24-2	10...30V AC/DC	4.72 x 3.27 x 2.78	2	46006-201-01
1492-IFM40F-FS24-4	10...30V AC/DC	7.09 x 3.27 x 2.78	2.4	46006-207-01
1492-IFM40F-FS120-2, -RIFM40F-FS120-2	85...132V AC/DC	4.72 x 3.27 x 2.78†	2.5	46006-201-01
1492-IFM40F-FS120-4	85...132V AC/DC	7.09 x 3.27 x 2.78	1.4	46006-206-01

Note: Footnotes are on page 12-157.

Digital IFM Cat. No.	Voltage Range	Dimensions (W x H x D) [in.]*	Indicator Circuit Current (Nominal) [mA]	Label Card Cat. No.*
1492-RIFM40F-FS120-4	85...132V AC/DC	7.87 x 3.27 x 2.78	1.4	46006-226-01
1492-IFM40F-FS240-4	204...264V AC/DC	7.09 x 3.27 x 2.78	2.4	46006-207-01
1492-IFM40F-FS24A-4	10...30V AC/DC	7.09 x 3.27 x 2.78	3.1	46006-226-01
1492-IFM40F-FS120A-4	85...132V AC/DC	7.09 x 3.27 x 2.78	1.4	46006-226-01
1492-RIFM40F-FS120A-4	85...132V AC/DC	7.87 x 3.27 x 2.78	1.4	46006-226-01
1492-IFM40F-FSA-4	85...132V AC/DC	7.09 x 3.27 x 2.78	—	46006-226-01
1492-IFM40F-FS240A-4	85...132V AC/DC	7.09 x 3.27 x 2.78	1.4	46006-226-01

- * To convert to millimeters, multiply inches by 25.4
- * Ships with each module. For spare part, precede the apt number with the letter "W."
- ‡ Add 0.39 in. to the width dimension for Bulletin 1492-Rxxx modules.

Analog IFM Specifications

Analog IFM Cat. No.	Voltage Range	Max. Current (Per Circuit) [A]	Max. Current (Per Module) [A]	Dimensions (W x H x D) [in.]	Indicator Circuit Current (Nominal) [mA]	Label Card Cat. No.*
1492-AIFM4-3, -RAIFM4-3	0...10V DC	2	12	2.36 x 3.27 x 2.74‡	—	46006-205-01
1492-AIFM4C-F-5	10...30V DC	2	12	3.15 x 3.27 x 2.74	2	46006-203-01
1492-AIFM4I-F-5	10...30V DC	2	12	3.15 x 3.27 x 2.74	2	46006-203-01
1492-AIFM6S-3, -RAIFM6S-3	0...132V AC/DC	2	12	3.15 x 3.27 x 2.74‡	—	46006-202-01
1492-AIFM6TC-3	0...132V AC/DC	2	12	3.15 x 3.27 x 2.74	—	46006-202-01
1492-AIFMCE4	5...32V AC/DC	2	8	5.12 x 3.27 x 2.74	—	46006-232-01
1492-AIFMCE4-F	5...32V AC/DC	2	8	5.12 x 3.27 x 2.74	1 mA @ 5V DC 6 mA @ 24V DC	46006-232-01
1492-AIFM8-3, -RAIFM8-3	0...132V AC/DC	2	12	4.33 x 3.27 x 2.74‡	—	46006-200-01, 46006-238-01
1492-AIFM8-F-5	10...30V DC	2	12	4.72 x 3.27 x 2.74	2	46006-196-01
1492-AIFM16-F-3	10...30V DC	2	12	4.72 x 3.27 x 2.74	2	46006-213-01
1492-AIFM16-F-5	10...30V DC	2	12	8.27 x 3.27 x 2.74	2	46006-198-01
1492-AIFMQS	10...30V DC	3	12	4.72 x 3.27 x 2.74	2	46006-199-01
1492-AIFMPI	0...30V DC	2	12	4.72 x 3.27 x 2.74	2	46006-243-01

- * Ships with each module. For spare part, precede the part number with the letter "W."
- ‡ Add 0.39 in. to the width dimension for Bulletin 1492-Rxxx modules.

Relay Master/Expandable Interface Module Specifications

Relay Master/Expandable XIM Cat. No.	Voltage Range	Max. Current (Per Circuit/Per Relay Pair) [A]	Max. Current (Per Module) [A]	Dimensions (W x H x D) [in.]	Indicator Circuit Current (Nominal) [mA]	Label Card Cat. No.*
1492-XIM4024-16R, -RXIM4024-16R	20...26V DC	10/12	48	9.06 x 3.27 x 2.78	2	46006-222-01
1492-XIM4024-8R	20...26V DC	10/12	48	6.30 x 3.27 x 2.78	2	46006-216-01
1492-XIM2024-8R	20...26V AC	10/12	48	6.30 x 3.27 x 2.78	2	46006-216-01
1492-XIM20120-8R	96...132V AC	10/12	48	6.30 x 3.27 x 2.78	2	46006-216-01
1492-XIM24-8R, RXIM24-8R	20...26V AC	10/12	48	6.30 x 3.27 x 2.78	2	46006-217-01
1492-XIM120-8R	96...132V AC	10/12	48	6.30 x 3.27 x 2.78	2	46006-217-01
1492-XIM2024-16R	20...26V DC	10/12	96	10.65 x 3.27 x 2.78	2	46006-223-01
1492-XIM2024-16RF	20...26V DC	10/12	96	10.65 x 3.27 x 2.78	2	46006-223-01
1492-XIM20120-16R	96...132V AC	10/12	96	10.65 x 3.27 x 2.78	2	46006-223-01
1492-XIM20120-16RF	96...132V DC	10/12	96	10.65 x 3.27 x 2.78	2	46006-223-01
1492-XIM4024-16RF	20...26V AC	10/12	96	11.5 x 3.27 x 2.78	2	46006-223-01
1492-XIMF-2	0...132V AC/DC	2/NA	4	3.15 x 3.27 x 2.19	—	46006-218-01
1492-XIMF-F24-2	10...30V DC	2/NA	4	3.15 x 3.27 x 2.19	2	46006-218-01
1492-XIMF-F120-2	85...132V AC	2/NA	4	3.15 x 3.27 x 2.19	2	46006-218-01
1492-XIM24-16RF	20...26V AC	10/12	96	11.5 x 3.27 x 2.78	2	46006-219-01

- * Ships with each module. For spare part, precede the apt number with the letter "W."

Programmable Wiring Systems

Specifications, Continued

General Wiring System Specifications

	Catalog Number 1492-...
Agency Certifications: Modules and Cables	cULus Listed: Hazardous Locations: Class I Div 2 (all except modules with relays); Groups A, B, D, and D. Temperature Code: T3C @ 60 °C. Ordinary UL File No. E10314, Guide No. NRAG/NRAG7
	cULus Listed Locations; Module with relays; UL File No. E11372, Guide No. NRAQ/NRAQ7
Agency Certification Modules	Factory Mutual (FM): Hazardous Locations; Class I Div 2 (all except modules with relays); Groups A, B, C, and D. Temperature Rating: T3C @ 60 °C. FM File J.I.3000590
CE Certifications	Compliant for all applicable directives
Maximum Peak Transient Voltage	600V ‡
Maximum Current (per circuit)	2 A (except relays)§
Maximum Current (per module)	12 A (except relays)➤§
Wire Range (Rated Cross Section) *	#22...12 AWG (0.2...4 mm ²)
Wire Strip Length	0.32 in. (8 mm)
Recommended Terminal Block Screw Tightening Torque	3.5...4.5 lb•in (0.36...0.50 N•m)
Operating Temperature Range	0...+60 °C
Storage Temperature Cables	-20...+80 °C
Storage Temperature Modules	-40...+85 °C
Operating Humidity	5...95% non-condensing
Pollution Degree	2*

Max. AWG	#22	#20	#18	#16	#14	#12
Max. No. of Wires per Terminal *	3	3	3	2	1	1

➤ Cat. Nos. 1492-IFM40F-F24AD-4 and 1492-IFM40F-F24D-2 are rated at 8 A.

* Maximum number of the same gauge stranded copper conductors allowed per wire funnel.

※ Pollution Degree 2 is an environment where normally only non-conductive pollution occurs, except for occasional temporary conductivity caused by condensation shall be expected.

‡ For transients >600V, use UL Recognized suppression device rated at 2.5 kV withstand.

§ For relay contact ratings, refer to Publication 1492-TD008x or Industrial Controls catalog Interposing/Isolation Relays, Bul. Nos. 700-HK36Z24 (24V) or 700-HD36A1 (120V), pages 9-40.