

Screw Connection Terminal Blocks

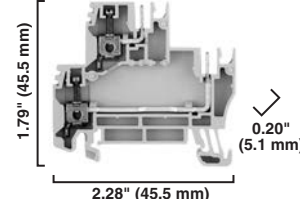
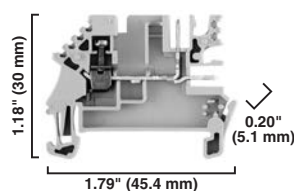
Plug-In Connection Blocks

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 mm²	#22...12 AWG	#26...12 AWG	2.5 mm²
Wire Strip Length	0.39 in. (10 mm)			0.39 in. (10 mm)		
Recommended Tightening Torque	4.5 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 12-42					

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)	5	1492-M5X12 (144/card)	5
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

Short-Circuit Current Ratings

Fuse Ratings

Cat. No.	Wire Range Cu [AWG]		Overcurrent Protection Fuse Required Class/Max. Current Rating [A]						Maximum Voltage [V]	SCCR, RMS SYM [A]
	Line	Load	J	T	RK1	RK5	G	CC		
1492-J3	14...12	14...12	30	30	—	—	30	30	600	100,000
1492-J3P										
1492-JD3SS										
1492-JD3										
1492-JD3C										
1492-JG3TW										
1492-JDG3C										
1492-JG3										
1492-J3F	14...12	14...12	30	30	—	—	30	30	300	100,000
1492-J3TW										
1492-JC3										
1492-JDC3										
1492-JKD3										
1492-JD3FB										
1492-JD3F										
1492-JDG3FB										
1492-JD3PSSTP										
1492-JD3PTP										
1492-JDG3P										
1492-JDG3PSS										
1492-JDG3PSSTP										
1492-JDG3PTP										
1492-JDG3										
1492-JD3PSS										
1492-JD3P										
1492-J4	14...10	14...10	60	60	30	—	60	30	600	100,000
1492-JG4										
1492-JKD4										
1492-J4TW										
1492-J4Q										
1492-JG4TW										
1492-JG4Q										
1492-JKD4TW										
1492-JKD4Q										
1492-JKD4TP										
1492-JD4C										
1492-JD4										
1492-JKD4QTP										
1492-JKD4TWTP										
1492-JSD4	14...10	14...10	60	60	30	—	60	30	300	100,000
1492-JKD4										
1492-J4CTB										
1492-J6	14...8	14...8	100	100	60	30	60	30	600	100,000
1492-JG6										
1492-J10	14...6	14...6	100	100	60	30	60	30	600	100,000
1492-JG10										
1492-J16	14...4	14...4	100	100	60	30	60	30	600	100,000
1492-JG16										
1492-J16ND										
1492-J35	12...1/0	12...1/0	200	200	100	30	60	30	600	100,000
1492-JG35										
1492-J50	6...1/0	6...1/0	200	200	100	30	60	30	600	100,000
1492-JG50										
1492-J70	1/0...3/0	1/0...3/0	400	400	200	100	60	30	600	100,000
1492-JG70										
1492-J120	4...4/0	4...4/0	400	400	200	100	60	30	600	100,000
1492-JG120										

Screw Connection Terminal Blocks

Short-Circuit Current Ratings — Overcurrent Ratings

Cat. No.	Wire Range Cu [AWG] (Line and Load)	Overcurrent Protection Device Required	Max. Current [A]	SCCR, RMS Sym A 480Y/277V	SCCR, RMS Sym. A 300V+	
1492-J3TW	14...12	140M-D8E-__	16	65,000	30,000	
1492-JC3		140M-C2E-B10		65,000	30,000	
1492-JDC3		140M-C2E-B16		65,000	30,000	
1492-J3F		140M-C2E-B25		65,000	30,000	
1492-JD3F		140M-C2E-B40		65,000	25,000	
1492-JKD3		140M-C2E-B63		65,000	*	
1492-JD3FB		140M-C2E-A__		65,000	30,000	
1492-JDG3FB		140M-C2E-C10		65,000	*	
1492-JD3PSSTP		140MC2E-C16		30,000	*	
1492-JD3PTP						
1492-JDG3P						
1492-JDG3PSS						
1492-JDG3PSSTP						
1492-JDG3PTP						
1492-JDG3						
1492-JD3P						
1492-JD3PSS						
1492-JKD4	14...10	140M-F8E-__	32	65,000	30,000	
1492-JSD4		140M-D8E-C10		65,000	30,000	
1492-J4CTB		140M-D8E-C16		65,000	30,000	
		140M-D8E-C20		65,000	*	
		140M-D8E-C25		30,000	*	
		140M-D8E-B__		65,000	30,000	
		140M-C2E-B10		65,000	30,000	
		140M-C2E-B16		65,000	30,000	
		140M-C2E-B25		65,000	30,000	
		140M-C2E-B40		65,000	25,000	
		140M-C2E-B63		65,000	*	
		140M-C2E-C10		65,000	*	
		140M-C2E-C16		30,000	*	
		140M-C2E-A__		65,000	30,000	

Cat. No.	Wire Range Cu [AWG] (Line and Load)	Overcurrent Protection Device Required	Max. Current [A]	SCCR, RMS Sym A 480V+	SCCR, RMS Sym. A 600Y 347V+
1492-J10	14...10	140M-H8P-__	50	50,000	30,000
1492-JG10					
1492-J16	14...4	140M-H8P-__	100	30,000	30,000
1492-J16ND					
1492-J35	12...2	140M-H8P-__	100	50,000	30,000
1492-JG35					
1492-J50	2...1/0	140M-H8P-__	150	65,000	30,000
1492-JG50					

Cat. No.	Wire Range Cu [AWG] (Line and Load)	Overcurrent Protection Device Required	Max. Current [A]	SCCR, RMS Sym A 480V+	SCCR, RMS Sym. A 600V+
1492-J70	4...1/0	140U-J0X3	175	65,000	*
	1/0	140U-J0X3		*	30,000
1492-J120	2...3/0	140U-J0X3	228	65,000	30,000

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

+ Voltage terminal block was tested at for respective SCCR

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...	50	1492-DPL
	Plug-In Component Plug	1492-L3P, J3P..., JD3P..., JDG3P..., LD3R...	50	1492-CPL
	Fuse Plug — without Blown Fuse Indication	1492-L3P, J3P..., JD3P..., JDG3P..., LD3R...	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	1492-J50	5	1492-J50A
		1492-J70	5	1492-J70A
		1492-J120	5	1492-J120A
	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

Plug-In Connection Blocks *

Photo	Wire Range	For Use With	Pkg Qty.	Cat. No.
	#22...12 AWG (2.5 mm ²)	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

* Tightening Torque: 3.5...4.4 lb•in. (0.4...0.5 N•m)

Sensor Connection Blocks

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

Plug-In Connectors and Accessories for Flexible Configuration Blocks

Photo	Description	Color	Pkg. Qty.	Cat. No.
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Individual Plug-in Connectors

	Standard	Grey	50	1492-STP
	Grounded	Green	50	1492-STP-G

Ganged Connectors

	Start plug	Grey	50	1492-SBSTP
	Middle plug	Grey	50	1492-GSTP
	End plug	Grey	50	1492-EBSTP

Accessories

	Plug-in block locking element	Yellow	25	1492-STPLE
	Coding Element for keyed configuration	Yellow	50	1492-STPCE
	Strain Relief covering w plug-in blocks	Yellow	25	1492-STPSR

DIN Rail Receptacle

Convenient 15 A or 20 A power source designed to be installed in panels that will be used in North America and other locations that use the NEMA 5-15 socket (125V, 50/60 Hz).

Photo	Device Rating	Pkg Qty.	Cat. No.
Standard Duplex			
	15 A	1	1492-REC15
	20 A	1	1492-REC20
Ground Fault Circuit Interrupter (GFCI)			
	15 A	1	1492-REC15G
	20 A	1	1492-REC20G

Electrical Ratings		
	Standard Duplex	Ground Fault Circuit Interrupter (GFCI)
Certifications	cUL US LISTED	
	UL 508A, NEMA WD-6, NEMA 5-15R	
	UL498	UL 498, UL 943
Device Rating	15 A	15 Amp 125V
	20 A	20 Amp 125V
Operating Frequency		50/60 Hz
Dielectric Voltage		Withstands 2000V per UL498
Short-Circuit Current Rating		Withstands 1500V per UL498
		10 kA
Environmental Ratings		
Operating Temperature Range		-31...+140 °F (-35...+60 °C)
Storage Temperature Range		-13...+176 °F (-25...+80 °C)
Mechanical Ratings		
Terminal Wire Sizes		#20...#10 AWG solid or stranded
Terminal Torque		7 lb•in. (.79 N•m)
Markers		1492-MS10X17

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.

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.

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-CA1	—	—	—	—	4	4	4	3	2	2	1	1	—	—	—	—	—	—	—
1492-CAM1	—	—	—	—	4	4	4	3	2	2	1	1	—	—	—	—	—	—	—
1492-H4	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-H5	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-H6	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-H7	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-HM3	—	—	—	—	4	4	4	3	2	2	1	1	—	—	—	—	—	—	—
1492-J10	—	—	—	—	4	4	4	4	3	2	1	1	1	—	—	—	—	—	—
1492-J16	—	—	—	—	—	—	1	4	4	3	2	1	1	1	—	—	—	—	—
1492-J2Q	—	—	4	4	4	3	1	1	1	1	—	—	—	—	—	—	—	—	—
1492-J3	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J35	—	—	—	—	—	—	—	—	3	3	3	2	2	1	1	1	1	—	—
1492-J3F	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3P	4	4	4	4	3	3	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	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J4CTB	—	—	1	1	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J4Q	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J4TW	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J50	—	—	—	—	—	—	—	—	—	—	1	2	2	1	1	1	1	—	—
1492-J6	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J70	—	—	—	—	—	—	—	—	5	5	5	2	2	2	1	1	1	1	1
1492-JC3	—	—	4	4	4	3	1	1	1	1	—	—	—	—	—	—	—	—	—
1492-JD3	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3DF	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3DR	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3F	4	4	4	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—
1492-JD3FB	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JD3PSS	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JD3PSSTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JD3PTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JD3RB***	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3RC001	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3SS	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD4	—	—	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JD4C	—	—	1	1	1	4	3	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-JDG3FB	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JDG3P	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG3PSS	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG3PSSTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG3PTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG4	—	—	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—