

Screw Connection Terminal Blocks

Grounding Blocks

Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.	1492-JG6				1492-JG10			
Specifications	Feed-through grounding terminal block				Feed-through grounding terminal 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 12-42							
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	
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	

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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										



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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-JG16					
1492-J16ND	12...2	140M-H8P-__	100	50,000	30,000
1492-J35					
1492-JG35	2...1/0	140M-H8P-__	150	65,000	30,000
1492-J50					
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

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-JG10	—	—	—	—	4	4	4	4	3	2	1	1	1	—	—	—	—	—	—
1492-JG16	—	—	4	4	4	4	4	4	1	3	2	1	1	1	—	—	—	—	—
1492-JG2Q	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-JG3	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JG35	—	—	—	—	—	—	—	—	3	3	3	2	2	1	1	1	—	—	—
1492-JG3TW single side)	4	4	4	4	4	4	1	1	1	1	—	—	—	—	—	—	—	—	—
1492-JG3TW twin side)	—	—	4	4	4	3	1	1	1	1	—	—	—	—	—	—	—	—	—
1492-JG4	—	—	—	—	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JG4Q	1	1	1	1	4	4	3	3	3	2	1	—	—	—	—	—	—	—	—
1492-JG4TW	1	1	1	1	4	4	3	3	3	2	1	—	—	—	—	—	—	—	—
1492-JG50	—	—	—	—	—	—	—	—	—	—	1	2	2	1	1	1	1	—	—
1492-JG6	—	—	—	—	4	4	3	3	3	2	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-JKD3TP	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JKD4	—	—	—	—	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JKD4Q	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JKD4QTP	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JKD4TP	—	—	—	—	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JKD4TW	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JKD4TWTP	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JPO	—	—	4	—	1	1	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JSD4	—	—	1	1	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JT3M	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-W10	—	—	—	—	4	4	4	4	3	2	1	1	—	—	—	—	—	—	—
1492-W16S	—	—	—	—	—	—	—	—	4	3	2	2	1	1	—	—	—	—	—
1492-W3	4	—	—	—	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-W4	—	—	—	—	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-W6	—	—	—	—	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-WD4	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WD4C	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WG4	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WG6	—	—	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—
1492-WM3	4	—	—	—	4	3	2	1	1	—	—	—	—	—	—	—	—	—	—
1492-WM4	—	—	—	—	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-WMD1	—	—	—	—	2	1	1	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-WTF3LN	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTF3LP	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTS3	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTS3LN	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—
1492-WTS3LP	—	—	4	4	4	4	3	2	1	—	—	—	—	—	—	—	—	—	—