

Screw Connection Terminal Blocks

Standard Feed-Through Blocks

1492-J50												1492-J70				1492-J120			
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.																			
			Feed-through terminal block				Feed-through terminal block				Feed-through terminal block								
Specifications			Certifications				Voltage Rating				Maximum Current								
			CSA IEC ATEX				CSA IEC ATEX				CSA IEC								
			1000V AC/DC 600V AC/DC 1000V AC/DC 690V AC/DC				600V AC/DC 1000V AC/DC 690V AC/DC				1000V AC/DC								
			150 A 150 A 126 A				175 A 205 A 192 A 167 A				228 A 220 A 269 A								
Wire Range (Rated Cross Section)			#10... 1/0 AWG #8... 1/0 AWG 50 mm² #10... 1/0 AWG 50 mm²				#6...2/0 AWG 70 mm² #8... 2/0 AWG 70 mm²				#4... 250 MCM AWG #4... 4/0 AWG 16... 120 mm²								
Wire Strip Length			0.94 in. (24 mm)				0.87 in. (22 mm)				1.06 in. (27 mm)								
Recommended Tightening Torque			31.5 lb•in (3.6 N•m)				87.0 lb•in (9.8 N•m)				141.6 lb•in (16.0 N•m)								
Density			16 pcs/ft (54 pcs/m)				14 pcs/ft (48 pcs/m)				11 pcs/ft (37 pcs/m)								
Housing Temperature Range			-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)								
Short-Circuit Current Rating			See page 12-42																
Terminal Blocks			Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.						
Color:			Grey		1492-J50		10		1492-J70		10		1492-J120		5				
			Blue		1492-J50-B		10		1492-J120-B		5		1492-J120-B		5				
Accessories			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)			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		—		—						
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		1492-DR8		5						
1 m Symmetrical Heavy Duty DIN (Steel)			1492-DR9		5		1492-DR9		5		1492-DR9		5						
End Barriers			Not Required		—		Not Required		—		Not Required		—						
End Anchors: DIN Rail — Heavy Duty			1492-EAHJ35		50		1492-EAHJ35		50		1492-EAHJ35		50						
Jumpers:																			
Screw Center Jumper — 4-pole			1492-CJJ18-4		10		1492-CJJ20-4		5		1492-CJJ27-4		5						
Screw Center Jumper — 3-pole			1492-CJJ18-3		10		1492-CJJ20-3		5		1492-CJJ27-3		5						
Screw Center Jumper — 2-pole			1492-CJJ18-2		10		1492-CJJ20-2		5		1492-CJJ27-2		5						
Other Accessories:																			
Control Circuit Tap*			1492-J50A		5		1492-J70A		5		1492-J120A		5						
Electrical Warning Plate			1492-EWPJ18		50		1492-EWPJ18		50		—		—						
Marking Systems:																			
Snap-in marker cards			1492-M7X12 (108/card)		5		1492-M7X12 (108/card)		5		1492-MR8X12 (84/card)		5						
Snap-in marker cards			1492-M5X5 (200/card)		5		1492-M5X5 (200/card)		5		1492-M7X12 (108/card)		5						

* Auxiliary connection, allowing a single additional #26...8 AWG wire connection.

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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

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.