

# Product Details and Certifications

## Cross Reference RA Part Number: 1492-J50 A



### Product: **1492-J50**

Description: 1492-J IEC Terminal Block, One-Circuit Feed-Through Block, 50 mm (# 10 AWG - # 1/0 AWG), Standard FeedThrough, Gray



Representative Photo Only (actual product may vary based on configuration sections)

### **ACCESSORY SELECTION**

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Bulletin Number	1492 Terminal Block Accessories
Accessory Selection	Individual Accessory Selection

### **CERTIFICATIONS AND APPROVALS**

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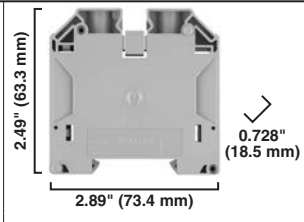
UR	UL 486E, UL 1059; Reference File: E40735, E187022
CSA	CSA C22.2 No. 65, No. 158; On Website, Name: Rockwell, Keyword Search: 1492
IEC	EN 60947-1, EN 60947-7-1(Feed-Through), -2(Ground), -3(Fuse)
ATEX	<a href="http://www.rockwellautomation.com/products/certification/ex/excert.html">http://www.rockwellautomation.com/products/certification/ex/excert.html</a>
Short Circuit Current Rating	This terminal block carries a minimum of 10kA SCCR rating for all protection methods. Please see the table for other possible elevated ratings.
For CSA Certifications:	<a href="http://directories.csa-international.org/directorymain.asp">http://directories.csa-international.org/directorymain.asp</a>
For UL Certifications Directory:	<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>

# Screw Connection Terminal Blocks

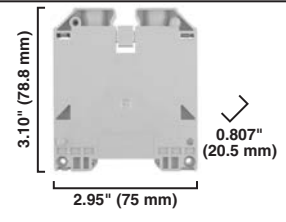
## Standard Feed-Through Blocks



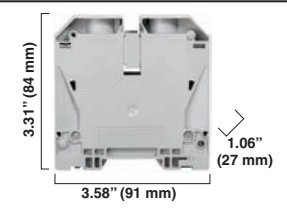
**1492-J50**



**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.

Specifications	Feed-through terminal block				Feed-through terminal block				Feed-through terminal block		
	UL	CSA	IEC	ATEX	UL	CSA	IEC	ATEX	UL	CSA	IEC
Certifications	1000V AC/DC	600V AC/DC	1000V AC/DC	690V AC/DC	600V AC/DC	600V AC/DC	1000V AC/DC	690V AC/DC	1000V AC/DC	1000V AC/DC	1000V AC/DC
Voltage Rating	150 A	150 A	126 A	175 A	205 A	192 A	167 A	228 A	220 A	269 A	
Maximum Current	#10... 1/0 AWG	#8... 1/0 AWG	50 mm <sup>2</sup>	#10... 1/0 AWG 50 mm <sup>2</sup>	#6...2/0 AWG	70 mm <sup>2</sup>	#8... 2/0 AWG 70 mm <sup>2</sup>	#4... 250 MCM AWG	#4... 4/0 AWG	16... 120 mm <sup>2</sup>	
Wire Range (Rated Cross Section)	0.94 in. (24 mm)				0.87 in. (22 mm)				1.06 in. (27 mm)		
Wire Strip Length	31.5 lb•in (3.6 N•m)				87.0 lb•in (9.8 N•m)				141.6 lb•in (16.0 N•m)		
Recommended Tightening Torque	16 pcs/ft (54 pcs/m)				14 pcs/ft (48 pcs/m)				11 pcs/ft (37 pcs/m)		
Density	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)		
Housing Temperature Range	Short-Circuit Current Rating										
Short-Circuit Current Rating	See page 12-42										

Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
<b>Color:</b>	Grey	<b>1492-J50</b>	10	<b>1492-J70</b>	10	<b>1492-J120</b>
	Blue	1492-J50-B	10	1492-J120-B	5	1492-J120-B



Accessories	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Mounting Rails:						
1 m Symmetrical DIN (Steel)	<b>199-DR1</b>	10	<b>199-DR1</b>	10	—	—
1 m Symmetrical Heavy Duty DIN (Steel, Unslotted)	<b>199-DR4</b>	5	<b>199-DR4</b>	5	<b>199-DR4</b>	5
1 m Symmetrical DIN (Aluminum)	<b>1492-DR5</b>	10	<b>1492-DR5</b>	10	—	—
1 m Hi-Rise Sym. DIN (Aluminum)	<b>1492-DR6</b>	2	<b>1492-DR6</b>	2	—	—
1 m Angled Hi-Rise Sym. DIN (Steel)	<b>1492-DR7</b>	2	<b>1492-DR7</b>	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)	<b>1492-DR9</b>	5	<b>1492-DR9</b>	5	<b>1492-DR9</b>	5
End Barriers	Not Required	—	Not Required	—	Not Required	—
End Anchors:						
DIN Rail — Heavy Duty	<b>1492-EAHJ35</b>	50	<b>1492-EAHJ35</b>	50	<b>1492-EAHJ35</b>	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	<b>1492-CJJ18-2</b>	10	1492-CJJ20-2	5	1492-CJJ27-2	5
Other Accessories:						
Control Circuit Tap*	1492-J50A	5	<b>1492-J70A</b>	5	1492-J120A	5
Electrical Warning Plate	1492-EWPJ18	50	1492-EWPJ18	50	—	—
Marking Systems:						
Snap-in marker cards	<b>1492-M7X12</b> (108/card)	5	<b>1492-M7X12</b> (108/card)	5	<b>1492-MR8X12</b> (84/card)	5
Snap-in marker cards	<b>1492-M5X5</b> (200/card)	5	<b>1492-M5X5</b> (200/card)	5	<b>1492-M7X12</b> (108/card)	5

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