

Spring-Clamp Connection Terminal Blocks

Standard Feed-Through Blocks

	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.												
Specifications	Feed-through terminal block				Feed-through terminal block with 2 connection points on one side				Feed-through terminal block			
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	50 A			41 A	60 A			55 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 12-78											
Terminal Blocks	Cat. No.			Pkg Qty.	Cat. No.			Pkg Qty.	Cat. No.			Pkg Qty.
Color	Grey	1492-L6		50	Grey	1492-L6T		50	Grey	1492-L10		25
	Red	1492-L6-RE		50	Red	1492-L6T-RE		50	Red	1492-L10-RE		25
	Blue	1492-L6-B		50	Blue	1492-L6T-B		50	Blue	1492-L10-B		25
	Black	1492-L6-BL		50	Black	1492-L6T-BL		50	Black	1492-L10-BL		25
	Green	1492-L6-G		50	Green	1492-L6T-G		50	Green	1492-L10-G		25
	Yellow	1492-L6-Y		50	Yellow	1492-L6T-Y		50	Yellow	1492-L10-Y		25
	Orange	1492-L6-OR		50	Orange	1492-L6T-OR		50	Orange	1492-L10-OR		25
	Brown	1492-L6-BR		50	Brown	1492-L6T-BR		50	Brown	1492-L10-BR		25
	White	1492-L6-W		50	White	1492-L6T-W		50	White	1492-L10-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	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-EBL6		50	Grey	1492-EBL6T		50	Grey	1492-EBL10		20
	Blue	1492-EBL6-B		50	Blue	1492-EBL6T-B		50	Blue	1492-EBL10-B		20
	Yellow	1492-EBL6-Y		50	Yellow	1492-EBL6T-Y		50	Yellow	1492-EBL10-Y		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 — 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
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
Marking Systems												
Snap-In Marker Cards*	1492-M6X12 (120/card)			5	1492-M6X12 (120/card)			5	1492-M6X12 (120/card)			5
Snap-In Marker Cards	1492-MR8X12 (84/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

Power Distribution Blocks

Feed Left:

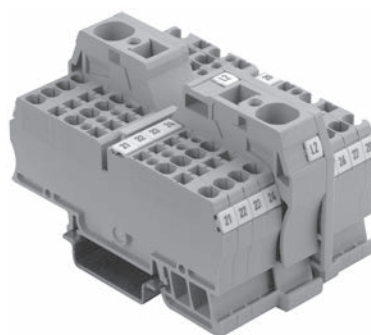
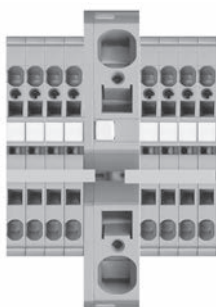


Feed Right:



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

Short-Circuit Current Ratings

Short-Circuit Current Ratings — Fuse Ratings

Cat. No.	Wire Cu [AWG]		Overcurrent Protection Fuse Required Class/Max. Amp Rating						Maximum Voltage	SCCR, RMS SYM [A]
	Line	Load	J	T	RK1	RK5	G	CC		
1492-L3	14...12	14...12	30	30	—	—	30	30	600	100,000
1492-L3Q										
1492-L3T										
1492-LD3										
1492-L3QS										
1492-LMJ3										
1492-LMJG3										
1492-LKD3										
1492-L3P										
1492-LG3T										
1492-LG3Q										
1492-LG3										
1492-LD3C										
1492-LDG3C										
1492-LDG3										
1492-LC3	14...12	14...12	30	30	—	—	30	30	300	100,000
1492-LDC3										
1492-LDG3P										
1492-LDG3ND										
1492-LDG3N										
1492-LD3N										
1492-LD31P										
1492-LD3Q2P										
1492-LG31P										
1492-LG3T1P										
1492-L3T1P										
1492-LDG3FB										
1492-L4	14...10	14...10	60	60	30	—	30	30	600	100,000
1492-L4Q										
1492-L4T										
1492-LD4										
1492-LD4C										
1492-LG4										
1492-LG4T										
1492-LG4Q										
1492-LD4DFX2										
1492-L6	14...8	14...8	60	60	30	—	60	30	600	100,000
1492-L6T										
1492-LG6										
1492-LG6T	14...8	14...8	60	60	30	—	60	30	300	100,000
1492-LAFB6	14...8	14...8	60	60	30	—	60	30	300	100,000
1492-L10	14...6	14...6	100	100	60	30	60	30	600	100,000
1492-LG10	14...6	14...6	100	100	60	30	60	30	600	100,000
1492-L16	14...4	14...4	100	100	60	30	60	30	600	100,000
1492-LG16	14...4	14...4	100	100	60	30	60	30	600	100,000
1492-L35	12...2	12...2	200	200	100	30	60	30	600	100,000
1492-LG35	12...2	12...2	200	200	100	30	60	30	600	100,000



End Barriers

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



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, LK3, 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
0.10 x 1.06 x 2.8 in. (2.5 x 27 x 71 mm)	1492-L31P, 1492-LG31P	Grey	50	1492-EBL31P
		Yellow	50	1492-EBL31P-Y
	1492-L3T1P, 1492-LG3T1P	Grey	50	1492-EBL3T1P
		Yellow	50	1492-EBL3T1P-Y
0.08 x 1.20 x 3.11 in. (2 x 30.6 x 79 mm)	1492-L3Q2P	Grey	50	1492-EBL3Q2P
0.10 x 1.76 x 3.17 in. (2.5 x 44.7 x 80.5)	1492-LD32P	Grey	50	1492-EBLD32P
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	50	1492-EBLAFB6
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

Jumpers use the terminal block wire openings. Multi-pole jumpers can be cut into a smaller number of poles. 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 with screws into the screw type terminal blocks.

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

- Always de-rate to 400V
- 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:

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

Photo	For Use With	Color	Pkg Qty.	Cat. No.
Center Jumper Spacer Plate				
	1492-L4 to 1492-L3Q, L3 1492-L6 to 1492-L3Q, L3	Grey	25	1492-LJS
Center Jumper Connector Plate				
	1492-L4 to 1492-L3T	Grey	25	1492-LJC

Step-Down Distribution Jumpers

Photo	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

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
	White	20	1492-CJLJ5-10-W
	Yellow	10	1492-CJLJ5-50
	Red	10	1492-CJLJ5-50-R
	Blue	10	1492-CJLJ5-50-B
	Black	10	1492-CJLJ5-50-BL
	White	10	1492-CJLJ5-50-W

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
	10	1492-CJRA10-2
1492-RAFB4	10	1492-CJRA10-3
	10	1492-CJRA10-4
	10	1492-CJRA10-5

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
		60	1492-CJK6-2
1492-L4, L4T, L4Q, LD4DF, LD4DR, LD4SS, LD4, LD4C, L16D	Yellow	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