

IEC Terminal Block Accessories

Marking Systems

Marking Solutions

Marking Solutions from Rockwell Automation enable efficient identification of terminal blocks and other components. The Allen-Bradley ClearMark™ Printer provides quality printing for high-volume users. The X-Y Plotter allows for flexible marking. Low-volume marking needs are supported by pre-printed and custom markers.

ClearMark Printer and Accessories

The ClearMark Printer provides quality printing in an easy-to-use format for high-volume marking needs. Used with Allen-Bradley ClearTools™ software, customers can create markers with basic numbering to sequences and images.



- Fast: Less than two minutes to print and set a full card
- Easy: Integrated feeder for up to 20 marker cards
- Low-maintenance: Will automatically cycle as needed to keep ink flowing
- Quality printing: 600 or 1200 dpi
- Color printing: Use spot color printing on white marker cards for visual distinction

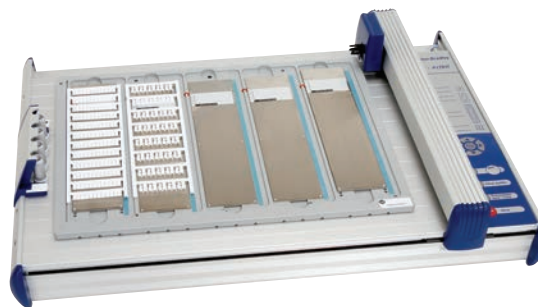
System Requirements

- Operating system: Microsoft Windows 2000, XP or Vista
- Memory: 64 MB RAM
- Hard drive: 90 MB available space
- Processor: Pentium III or comparable
- Graphics: 800x600 pixels with 256 colors (ideal 1024x768 with 16-bit high color)

Description	Pkg Qty.	Cat. No.
ClearMark Printer, 110V Includes ClearMark Printer, ClearTools Software and first set of ink	1	1492-PRINT110
Accessories		
ClearMark Printer Ink Cartridge, Cyan	1	1492-PRINTINK-C
ClearMark Printer Ink Cartridge, Magenta	1	1492-PRINTINK-M
ClearMark Printer Ink Cartridge, Yellow	1	1492-PRINTINK-Y
ClearMark Printer Ink Cartridge, Black	1	1492-PRINTINK-K
ClearMark Printer - Replacement Ink Collector Unit	1	1492-PRINTCOLLECT

X-Y Plotter and Accessories

The flexible marking tool of the Allen-Bradley terminal block product line is the X-Y Plotter.



- Plot partial marker cards
- Load up to five cards at a time (mix and match)
- Easy to use AB-Plot software

System Requirements

- Operating system: Microsoft Windows 98
- Hard drive: 50 MB available space
- Processor: 80486
- Parallel or USB communication port

Description	Pkg Qty.	Cat. No.
Plotter Kit Includes Series E Plotter, 1492-PLOTPEN25 ink pen, 1492-PLOTPLT plate, communication cables, user manuals, ABPLOT software, and power adaptor.	1	1492-PLTKIT
Plotter Pen Disposable pen, 0.25 mm tip	1	1492-PLOTPEN25
Plotter Pen Disposable pen, 0.35 mm tip	1	1492-PLOTPEN35
Plotter Pen Disposable pen, 0.25 mm tip, slow-drying ink	1	1492-PLOTPEN25S
ABPLOT Plotter software CD ROM - also available online at www.ab.com	1	1492-PLOTSOFT
Plotter Ink Cartridge Requires 1492-PLPEN	5	1492-PLINKCART
Refillable pen Requires 1492-PLINKCART	1	1492-PLPEN
Pen Adaptor Adaptor for ultra fine Sharpie pens, includes 1 pen	1	1492-PLOTADPT
Cleaning Solution Used to unclog 1492-PLPEN, requires 1492-PLCLEAN	1	1492-PLSOLN
Cleaning Kit Container and cloth to unclog 1492-PLPEN, requires 1492-PLSOLN	1	1492-PLCLEAN
Service Kit Inserts and cleaning pads to replace in pen station	1	1492-PLOTSERV
Series E Adapter Plate (additional) 1 plate is already included with the Plotter kit	1	1492-PLOTPLT
Adaptor Plate For oversized markers (1492-MW5-21, -MW6-21, and MW7-21)	1	1492-PLOTPLTA

Blank Markers

Photo	For Use With	Markers per Card	Marker Size	Pkg Qty.	Cat. No.
Snap-In Individual Markers 1492-M   	1492-L	100	3 x 5 mm	5	1492-M3X5
	1492-L	120	3 x 12 mm	5	1492-M3X12
	1492-J, L	200	5 x 5 mm	5	1492-M5X5
		144	5 x 8 mm	5	1492-M5X8
		144	5 x 10 mm	5	1492-M5X10
		144	5 x 12 mm	5	1492-M5X12
		96	5 x 15 mm	5	1492-M5X15
		20	5 x 30 mm	5	1492-M5X30
	1492-J, L	200	6 x 5 mm	5	1492-M6X5
		120	6 x 10 mm	5	1492-M6X10
	1492-J, L, 1738 ArmorPoint™	120	6 x 12 mm	5	1492-M6X12
	1492-J, L	108	7 x 12 mm	5	1492-M7X12
		160	8 x 5 mm	5	1492-M8X5
	NEMA (1492-HM1, -HM2, -HM3) Terminal Blocks, 1492-CB Circuit Breakers	120	6 x 10 mm	5	1492-MN81
	NEMA (1492-HM3) Terminal Blocks, 1492-CB Circuit Breakers	40	10 x 10 mm	5	1492-MN83
	1492-W,R, 700-HA Relays	56	8 x 9 mm	5	1492-MS8X9
		56	8 x 12 mm	5	1492-MS8X12
	700-HN204, -HN205, Relay Sockets	40	8 x 17 mm	5	1492-MS8X17
	1667 PanelConnect™	40	9 x 20 mm	5	1492-MS9X20
	100-C, -D Contactors, 700-CF Relays, 140 Circuit Breakers, 193-E1, -E3	40	10 x 17 mm	5	1492-MS10X17
Snap-In Linked Markers 1492-MR 	1492-J, -L	120	5 x 8 mm	5	1492-MR5X8
		120	6 x 8 mm	5	1492-MR6X8
		120	5 x 12 mm	5	1492-MR5X12
		120	6 x 12 mm	5	1492-MR6X12
		84	8 x 12 mm	5	1492-MR8X12
	1492-WM3, -WMD1	80	5 x 5 mm	5	1492-MS5X5
	1492-W, 700-HA, 800F Contact Block	80	5 x 9 mm	5	1492-MS5X9
	1492-W, 700-H Relays	80	5 x 12 mm	5	1492-MS5X12
	1492-W, -R, 700-H Relays	80	6 x 9 mm	5	1492-MS6X9
	1492-W, 700-H Relays	80	6 x 12 mm	5	1492-MS6X12
Snap-In Hinged Markers 	1492-L	96	5 x 10 mm	5	1492-MH5X10
		96	5 x 15 mm	5	1492-MH5X15
		80	6 x 12 mm	5	1492-MH6X12
Cable Markers 1492-MW  	External Diameter (mm)	Markers per Card	Marker Size	Pkg. Qty.	Cat. No.
	from 0.276 in. (from 7.0 mm)	32	9 x 24 mm*	5	1492-MW9X24
	from 0.276 in. (from 7.0 mm)	32	5 x 23 mm*	5	1492-MW10X23
	from 0.276 in. (from 7.0 mm)	32	8 x 23 mm*	5	1492-MW14X23
	from 0.276 in. (from 7.0 mm)	12	11 x 44 mm*	5	1492-MW11X60
	0.162...0.193 in. (4.1...4.9 mm)	32	5 x 21 mm‡	5	1492-MW5-21
	0.185...0.229 (0.268) in. (4.7...5.8 [6.8] mm)	32	6 x 21 mm‡	5	1492-MW6-21
	0.229...0.276 (0.335) in. (5.8...7.0 [8.5] mm)	32	7 x 21 mm‡	5	1492-MW7-21

* Requires cable ties.

⚙ Requires Cat. No. 1492-GMC

‡ Requires Cat. No. 1492-PLOTPLTA

Blank Markers, Continued

Photo	For Use With	Markers per Card	Marker Size	Pkg Qty.	Cat. No.
Self-Adhesive Markers 1492-MAS 	Self-adhesive for any equipment	40	9 x 17 mm	5	1492-MAS9X17
	Bul. No. relays, self-adhesive for any equipment	40	6 x 15 mm	5	1492-MAS6X15
	1760-PICO GFX-70 Cont., self-adhesive for any equipment	40	9 x 11 mm	5	1492-MAS9X11
Wire Markers 1492-MWC 	0.059...0.098 in. (2.0...3.5 mm)/White	40	4.25 x 21 mm	5	1492-MWC1-21
	0.078...0.138 in. (2.0...5.0 mm)/White	40	4.25 x 21 mm	5	1492-MWC3-21
	0.098...0.197 in. (2.0...5.0 mm)/White	24	6 x 21 mm	5	1492-MWC4-21
	0.059...0.098 in. (1.5...2.5 mm)/White	40	4.25 x 12 mm	5	1492-MWC1-12
	0.078...0.138 in. (2.0...3.5 mm)/White	40	4.25 x 12 mm	5	1492-MWC3-12
	0.098...0.197 in. (2.0...5.0 mm)/White	24	6 x 12 mm	5	1492-MWC4-12
Snap-In Individual Markers for Rockwell Automation products and Competitive Terminal BLocks 1492-MC 	Wago	100	4 x 9 mm	5	1492-MCW4X9
	Phoenix, Entrlec, Telemacanique, Legrand	120	5 x 8 mm	5	1492-MC5X8
	Wieland and Telemecanique	100	5 x 12 mm	5	1492-MC5X12
	Wago	100	5 x 9 mm	5	1492-MCW5X9F
	Wago	100	5 x 9 mm	5	1492-MCW5X5
	Wago	100	5 x 5 mm	5	1492-MCW6X9
	Phoenix	100	4 x 5 mm	5	1492-MC4X5
	Bul. No. 1492-FB fuse holder and Phoenix	100	5 x 5 mm	5	1492-MC5X5
	Bul. No. 1492-FB fuse holder and Phoenix	100	6 x 5 mm	5	1492-MC6X5
	Bul. No. 700-HL relays, and Phoenix, Wieland, Entrlec, Telemacanique, Legrand	120	6 x 10 mm	5	1492-MC6X10
	Phoenix and Entrlec	100	8 x 10 mm	5	1492-MC6X10
	Phoenix	100	7 x 5 mm	5	1492-MC7X5
	Phoenix	100	5 x 4 mm	5	1492-MC5X4
	Siemens	64	7 x 10 mm	5	1492-MCS7X10
	Siemens	64	6 x 10 mm	5	1492-MCS6X10
	Siemens	80	5 x 10 mm	5	1492-MCS5X10
	Siemens	64	7 x 7 mm	5	1492-MCS7X7
	Siemens	80	5 x 8 mm	5	1492-MCS5X8
	Siemens	64	6 x 8 mm	5	1492-MCS6X8

Pre-printed markers are packaged in quantities of 5 with a minimum order quantity of 5 cards.


$$\frac{1492}{a} - \frac{M5x10}{b} \quad H \quad \frac{1-100}{c}$$

C

Marker Selection		
Code		
M3x5	MS6X9	MCS6X8
M3x12	MS6X12	MC6X10
M5x5	MS8X9	MCW1-12
M5x8	MS8X12	MCW3-12
M5x10	MS9X20	MCW4-12
M5x12	MS8X17	MAS9X17
M5x15	MS10X17	MAS6X15
M5X30	MC5X8	MAS9X11
M6x5	MC5X10	MW9X24
M6x10	MC5X12	MW10X23
M6x12	MCW4X9	MW14X23
M7x12	MCW5X9	MW11X60
M8x5	MCW5X9F	MW5-21
MR5X8	MCW5X5	MW6-21
MR6X8	MCW6X9	MW7-21
MR5X12	MC4X5	MWC1-21
MR6X12	MC5X5	MWC3-21
MR8x12	MC6X5	MWC4-21
MH5X10	MC8X10	MWC1-12B
MH5X15	MC7X5	MWC1-12R
MH6X12	MC5X4	MCW1-12Y
MMN81	MCS7X10	MWC3-12B
MN83	MCS5X10	MWC3-12R
MS5x5	MCS6X10	MWC3-12Y
MS5x9	MCS7X7	MWC4-12B
MS5X12	MCS5X8	MWC4-12R
		MWC4-12Y

Text Direction	
Code	Description
H	Horizontal Print
V	Vertical Print
HU	Horizontal Upside-down Print
VU	Vertical Upside-down Print
HR	Horizontal Print, reversed data for each column
VR	Vertical Print, reversed data for each column
HUR	Horizontal Upside-down Print, reversed data for each column
VUR	Vertical Upside-down Print, reversed data for each column
C	Custom

Printing Selection	
Straight Fill Printing	
Option 1-End will start at 1 and continue printing sequential numbers until the end of the card is reached.	
1-End	Sequential printing to end of card
L	Continuous printing "L" on card
L1	Continuous printing "L1" on card
L2	Continuous printing "L2" on card
L3	Continuous printing "L3" on card
U	Continuous printing "U" on card
V	Continuous printing "V" on card
W	Continuous printing "W" on card
PE	Continuous printing "PE" on card
GND	Continuous printing "GND" on card
Repeat Sequence Printing	
All Options in this section will print the defined sequence in a repeating fashion until all tags are filled. (Example - Option 1-100 with a marker selection of M5x10 will print 1-100 and 1-44.)	
1-10 -or- 11-20 -or- 21-30 -or- ... -or- 491-500	Block of 10 sequential numbering. Blocks of 10 within a range from 1...500.
1-20 -or- 21-40 -or- 41-60 -or- ... -or- 481-500	Block of 20 sequential numbering. Blocks of 20 within a range from 1...500.
1-50 -or- 51-100 -or- 101-150 -or- ... -or- 451-500	Block of 50 sequential numbering. Blocks of 50 within a range from 1...500.
1-100 -or- 101-200 -or- ... -or- 401-500	Block of 100 sequential numbering. Blocks of 100 within a range from 1...500.
Single Sequence Printing	
All options in this section will print the defined sequence 1 time only and will leave the rest of the marker tags blank. (Example - Option 1-100S with a marker selection of M5x10 will print 1-100 and leave 44 blank markers).	
1-10S -or- 11-20S -or- 21-30S - or- ... -or- 491-500S	Block of 10 sequential numbering. Blocks of 10 within a range from 1...500.
1-20S -or- 21-40S -or- ... -or- 481-500S	Block of 20 sequential numbering. Blocks of 20 within a range from 1...500.
1-50S -or- 51-100S -or- ... -or- 451-500S	Block of 50 sequential numbering. Blocks of 50 within a range from 1...500.
1-100S -or- 101-200S -or- ... -or- 401-500S	Block of 100 sequential numbering. Blocks of 100 within a range from 1...500.

IEC Terminal Block Accessories

Marking Systems

Custom Printed Marker Cards

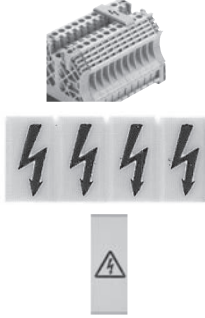
1. Download the AB-Print software (AB-Print) from the Allen-Bradley terminal block home page (<http://www.ab.com/industrialcontrols/products/>) and install it.
2. Create your custom marker card using the AB-Print software and save your file.
3. Place the custom order by adding the letter "C" to the end of the marker cat. no. (Example: If the custom marker that was created in Step 2 is Cat. No. 1492-M6X12, an order will be placed with the new Cat. No. 1492-M6X12C.) Then, document the order number for Step 4.
4. E-mail the custom marker file to
RAMilwCustomMarkers@ra.rockwell.com. Include the following items:
 - Allen Bradley order number (in the subject of the e-mail)
 - Created file (attached to the e-mail)
 - Quantity (the number of needed copies of the file)
 - Company information (with a contact name and number in the e-mail)

Note: Minimum quantity is 1 card per order.



	Description	Pkg Qty.	Cat. No.
	End anchor top marker carrier	50	1492-GMC

Electrical Warning Plate Markers

Photo	For Use With	Color	Pkg Qty.	Cat. No.
	1492-J	Yellow	25	1492-EWPJ5
	1492-J	Yellow	50	1492-EWPJ8
	1492-J	Yellow	50	1492-EWPJ12
	1492-J	Yellow	50	1492-EWPJ18
	1492-L	Yellow	20	1492-EWPL5
	1492-L	Yellow	20	1492-EWPL6
	1492-L	Yellow	20	1492-EWPL8
	1492-L	Yellow	20	1492-EWPL10
	1492-L	Yellow	20	1492-EWPL12
	1492-L	Yellow	20	1492-EWPL16
	1492-L	Yellow	20	1492-EWPL4
	1492-W	Yellow	10	1492-EWP5
	1492-W	Yellow	10	1492-EWP5-4
	1492-W	Yellow	10	1492-EWP6
	1492-W	Yellow	10	1492-EWP6-4
	1492-W	Yellow	10	1492-EWP7
	1492-W	Yellow	10	1492-EWP7-4
	1492-W	Yellow	10	1492-EWP8
	1492-W	Yellow	10	1492-EWP8-4
	1492-W	Yellow	10	1492-EWP11
	1492-W	Yellow	10	1492-EWP11-4



Screw Connection Terminal Blocks

Standard Feed-Through Blocks

1492-J3					1492-J4				1492-J6			
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			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	690V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC
Maximum Current	25 A	20 A	24 A	21 A	35 A	25 A	32 A	28 A	50 A	41 A	36 A	
Wire Range (Rated Cross Section)	#22...12 AWG	#26...12 AWG	2.5 mm ²	2.5 mm ² (#20...14 AWG)	#22...10 AWG	#26...10 AWG	4 mm ²	4 mm ² (#20...12 AWG)	#22...8 AWG	6 mm ²	6 mm ² (#20...10 AWG)	
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.47 in. (12 mm)			
Recommended Tightening Torque	4.5...7.1 lb•in (0.5...0.8 N•m)				9.0 lb•in (1.0 N•m)				14.2 lb•in (1.6 N•m)			
Density	59 pcs/ft (196 pcs/m)				49 pcs/ft (163 pcs/m)				37 pcs/ft (123 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-J3	100		1492-J4	100			1492-J6	100		
	Red	1492-J3-RE	100		1492-J4-RE	100			1492-J6-RE	100		
	Blue	1492-J3-B	100		1492-J4-B	100			1492-J6-B	100		
	Black	1492-J3-BL	100		1492-J4-BL	100			1492-J6-BL	100		
	Green	1492-J3-G	100		1492-J4-G	100			1492-J6-G	100		
	Yellow	1492-J3-Y	100		1492-J4-Y	100			1492-J6-Y	100		
	Orange	1492-J3-OR	100		1492-J4-OR	100			1492-J6-OR	100		
	Brown	1492-J3-BR	100		1492-J4-BR	100			1492-J6-BR	100		
	White	1492-J3-W	100		1492-J4-W	100			1492-J6-W	100		
	Violet	1492-J3-V	100		1492-J4-V	100			—	—		
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-EBJ3	50		1492-EBJ3	50			1492-EBJ3	50		
	Blue	1492-EBJ3-B	50		1492-EBJ3-B	50			1492-EBJ3-B	50		
	Yellow	1492-EBJ3-Y	50		1492-EBJ3-Y	50			1492-EBJ3-Y	50		
End Anchors and Retainers:												
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		
Screwless End Retainer		1492-ERL35	20		1492-ERL35	20			1492-ERL35	20		
Jumpers:*												
Screw Center Jumper — 10-pole		1492-CJJ5-10	20		1492-CJJ6-10	20			1492-CJJ8-10	20		
Screw Center Jumper — 4-pole		1492-CJJ5-4	50		1492-CJJ6-4	50			1492-CJJ8-4	50		
Screw Center Jumper — 3-pole		1492-CJJ5-3	50		1492-CJJ6-3	50			1492-CJJ8-3	50		
Screw Center Jumper — 2-pole		1492-CJJ5-2	50		1492-CJJ6-2	50			1492-CJJ8-2	50		
Plug-in Center Jumper — 50-Pole		1492-CJLJ5-50	10		1492-CJLJ6-41 (41-pole)	10			—	—		
Plug-in Center Jumper — 10-Pole		1492-CJLJ5-10	20		1492-CJLJ6-10	20			—	—		
Plug-in Center Jumper — 9-Pole		1492-CJLJ5-9	20		—	—			—	—		
Plug-in Center Jumper — 8-Pole		1492-CJLJ5-8	20		—	—			—	—		
Plug-in Center Jumper — 7-Pole		1492-CJLJ5-7	20		—	—			—	—		
Plug-in Center Jumper — 6-Pole		1492-CJLJ5-6	20		—	—			—	—		
Plug-in Center Jumper — 5-Pole		1492-CJLJ5-5	20		—	—			—	—		
Plug-in Center Jumper — 4-Pole		1492-CJLJ5-4	60		1492-CJLJ6-4	60			—	—		
Plug-in Center Jumper — 3-Pole		1492-CJLJ5-3	60		1492-CJLJ6-3	60			—	—		
Plug-in Center Jumper — 2-Pole		1492-CJLJ5-2	60		1492-CJLJ6-2	60			—	—		
Insulated Side Jumper — 24-Pole		1492-SJ5B-24	50		—	—			—	—		
Insulated Side Jumper — 10-Pole		1492-SJ5B-10	50		—	—			—	—		
Screw Type Jumper Notching Tool		1492-T1	1		1492-T1	1			1492-T1	1		
Other Accessories:												
Partition Plate		1492-EBJ16	20		1492-EBJ16	20			1492-EBJ16	20		
Test Plug Socket		1492-TPS23	20		1492-TPS23L	50			1492-TPS23L	50		
Test Plug		1492-TP23	20		1492-TP23	20			1492-TP23	20		
Test Plug (Stackable)		1492-TPJ5	25		1492-TPJ6	25			—	—		
Electrical Warning Plate		1492-EWPJ5	25		1492-EWPJ5	25			1492-EWPJ8	50		
Marking Systems:		1492-M5X12 (144/card)	5		1492-M6X12 (120/card)	5			1492-MR8X12 (84/card)	5		
Snap-in Marker Cards		1492-M5X5 (200/card)	5		1492-M6X5 (200/card)	5			1492-M8X5 (160/card)	5		

* Use of center jumpers may affect spacings, requiring derating of terminal blocks. See page 12-83 for details.

Screw Connection Terminal Blocks

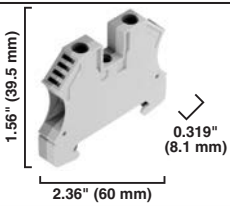
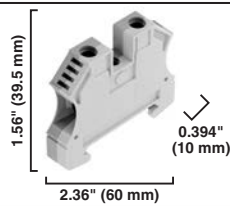
Standard Feed-Through Blocks

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.

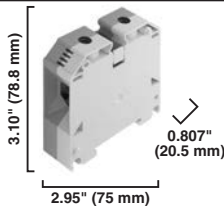
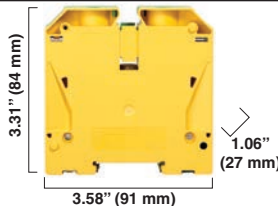
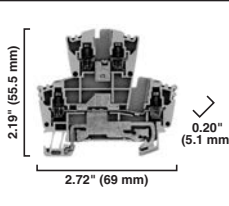
Screw Connection Terminal Blocks

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	

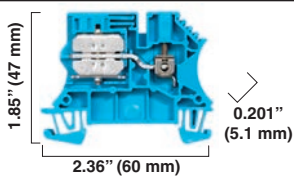
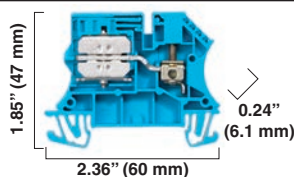
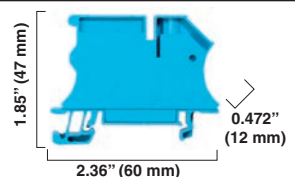
Screw Connection Terminal Blocks

Grounding Blocks

1492-JG70					1492-JG120			1492-JDG3			
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 grounding terminal block			Two-circuit terminal block with one feed-through and one grounding circuit			
Certifications	 CSA IEC ATEX				 CSA IEC			 CSA IEC ATEX			
Voltage Rating	—				—			300V AC/DC		400V AC/DC	275V AC/DC
Maximum Current	Grounding				—			20 A		24 A	21 A
Wire Range (Rated Cross Section)	#6...2/0 AWG		70 mm ²	70 mm ² (#8...2/0 AWG)	#4...3/0 AWG		#4...4/0 AWG	16...95 mm ²	#22...12 AWG		2.5 mm ² (#20...14 AWG)
Wire Strip Length	0.87 in. (22 mm)				1.06 in. (27 mm)			0.39 in. (10 mm)			
Recommended Tightening Torque	87.0 lb•in (9.8 N•m)				88.5 lb•in (10 N•m)			4.5...7.1 lb•in. (0.5...0.8 N•m)			
Mounting Torque — Center Screw	17.7...35.4 lb•in (2.0...4.0 N•m)				—			—			
Density	14 pcs/ft (48 pcs/m)				11 pcs/ft (37 pcs/m)			59 pcs/ft (196 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: Green/Yellow	1492-JG70			10	1492-JG120		5	—		—	
Grey	—			—	—		—	1492-JDG3		100	
Accessories	Cat. No.			Pkg Qty.	Cat. No.		Pkg Qty.	Cat. No.		Pkg Qty.	
Mounting Rails:	—			—	—		—	199-DR1		10	
1 m Symmetrical DIN (Steel)	—			—	—		—	1492-DR5		10	
1 m Symmetrical DIN (Aluminum)	—			—	—		—	1492-DR6		2	
1 m Hi-Rise Sym. DIN (Aluminum)	—			—	—		—	1492-DR7		2	
1 m Angled Hi-Rise Sym. DIN (Steel)	—			—	—		—	—		—	
Screw Type 1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)	1492-DR8			5	1492-DR8		5	—		—	
End Barrier Grey	Not Required			—	—		—	1492-EBJD3		20	
Yellow	Not Required			—	—		—	1492-EBJD3-Y		20	
Jumpers:	—			—	—		—	1492-CJJ5-10		20	
Screw Center Jumper — 10-pole	—			—	—		—	1492-CJJ5-4		50	
Screw Center Jumper — 4-pole	—			—	—		—	1492-CJJ5-3		50	
Screw Center Jumper — 3-pole	—			—	—		—	1492-CJJ5-2		50	
Screw Center Jumper — 2-pole	—			—	—		—	1492-SJ5A-24		50	
Insulated Side Jumper — 24-Pole	—			—	—		—	1492-SJ5A-10		50	
Insulated Side Jumper — 10-Pole	—			—	—		—	—		—	
End Anchors and Retainers:	—			—	—		—	1492-ERL35		20	
Screwless End Retainer	—			—	—		—	1492-EAJ35		100	
DIN Rail — Normal Duty	—			—	—		—	1492-EAJ35		100	
DIN Rail — Heavy Duty	1492-EAHJ35			50	1492-EAHJ35		50	1492-EAHJ35		50	
Marking Systems:	—			—	—		—	—		—	
Snap-in marker cards	1492-M7X12 (108/card)			5	1492-MR8X12 (84/card)		5	1492-M5X8 (200/card)		5	
Snap-in marker cards	1492-M8X5 (160/card)			5	1492-M7X12 (108/card)		5	1492-M5X5 (144/card)		5	

Screw Connection Terminal Blocks

Single-Circuit Neutral Disconnect Blocks

	1492-J3ND			1492-J4ND			1492-J16ND		
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	Single-level screw neutral disconnect terminal block			Single-level screw neutral disconnect terminal block			Single-level screw neutral disconnect terminal block		
Certifications		CSA	IEC		CSA	IEC		CSA	IEC
Voltage Rating	600V AC/DC		400V AC/DC	600V AC/DC		400V AC/DC	300V AC/DC		400V AC/DC
Maximum Current	25 A	20 A	24 A	35 A	25 A	32 A	65 A	76 A	
Wire Range (Rated Cross Section)	#22...12 AWG	#26...12 AWG	2.5 mm ²	#22...10 AWG	#26...10 AWG	4 mm ²	#14...6 AWG	16 mm ²	
Wire Strip Length	0.394 in. (10 mm)			0.394 in. (10 mm)			0.47 in. (12 mm)		
Recommended Tightening Torque	7.1 lb•in (0.5 N•m)			9.0 lb•in (1.0 N•m)			19.5 lb•in (2.2 N•m)		
Density	59 pcs/ft (196 pcs/m)			49 pcs/f (163 pcs/m)			25 pcs/ft (83 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: Blue	1492-J3ND	100		1492-J4ND	100		1492-J16ND	50	
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									
Busbar	1492-BSPJ3ND-B	20		1492-BSPJ3ND-B	20		1492-BSPJ3ND-B	20	
Support Plates									
End Anchors and Retainers:									
Screwless End Retainer	1492-ERL35	20		1492-ERL35	20		1492-ERL35	20	
End Anchor — Normal Duty	1492-EAJ35	100		1492-EAJ35	100		1492-EAJ35	100	
End Anchor — Heavy Duty	1492-EAHJ35	50		1492-EAHJ35	50		1492-EAHJ35	50	
Neutral Connection Block (4 mm) Blue*	1492-JNC4-B	50		1492-JNC4-B	50		1492-JNC4-B	50	
Neutral Bus Bar (1 m)	1492-NBB3-1M	5		1492-NBB3-1M	5		1492-NBB3-1M	5	
Marking Systems:	1492-MR5X12 (120/card)	5		1492-MR6X12 (120/card)	5		1492-MR8X12 (84/card)	5	
Snap-in Marker Cards	1492-M5X5 (200/card)	5		1492-M6X5 (200/card)	5		1492-M7X12 (108/card)	5	

* These terminals mount on the 1492-NBB3-1M Neutral Busbar. They can accept 1492-M6X5 snap-in markers.

Bulletin 1492

Spring-Clamp Connection Terminal Blocks

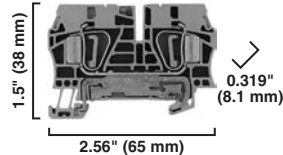
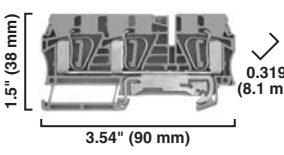
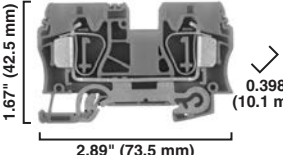
Standard Feed-Through Blocks

	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				600V AC/DC				600V AC/DC			
Maximum Current	50 A				50 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	1492-L6T			50	1492-L10			25
	Red	1492-L6-RE		50	1492-L6T-RE			50	1492-L10-RE			25
	Blue	1492-L6-B		50	1492-L6T-B			50	1492-L10-B			25
	Black	1492-L6-BL		50	1492-L6T-BL			50	1492-L10-BL			25
	Green	1492-L6-G		50	1492-L6T-G			50	1492-L10-G			25
	Yellow	1492-L6-Y		50	1492-L6T-Y			50	1492-L10-Y			25
	Orange	1492-L6-OR		50	1492-L6T-OR			50	1492-L10-OR			25
	Brown	1492-L6-BR		50	1492-L6T-BR			50	1492-L10-BR			25
	White	1492-L6-W		50	1492-L6T-W			50	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	1492-EBL6T			50	1492-EBL10			20
	Blue	1492-EBL6-B		50	1492-EBL6T-B			50	1492-EBL10-B			20
	Yellow	1492-EBL6-Y		50	1492-EBL6T-Y			50	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

Grounding Blocks

	1492-LG6				1492-LG6T				1492-LG10			
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 grounding terminal block				Feed-through grounding terminal block with 2 points on one side				Feed-through grounding terminal block			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	—	—	—	—	—	—	—	—	—	—	—	—
Maximum Current	Grounding				Grounding				Grounding			
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)			
Terminal Blocks	Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.		Cat. No.		Pkg Qty.	
Color: Green/Yellow	1492-LG6		50		1492-LG6T		50		1492-LG10		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 Symmetrical 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 Barrier Yellow	1492-EBL6-Y		50		1492-EBL6T-Y		50		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	
Other Accessories:												
Test Plug	1492-TPL8		25		1492-TPL8		25		1492-TP23		20	
Marking Systems:												
Snap-In Marker Cards*	1492-MR8X12 (84/card)		5		1492-M6X12 (120/card)		5		1492-M6X12 (120/card)		5	
Snap-In Marker Cards	1492-M8X5 (160/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.