

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

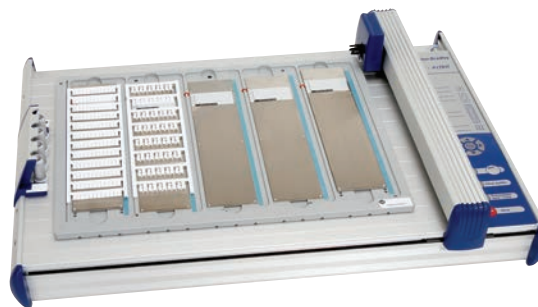
System Requirements

- 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...5.0 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

1492 Pre-Printed Markers

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



Catalog Number Explanation

1492 **-** **M5x10** **H** **1-100**

a *b* *c*

a

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

b

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

c

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.

Custom Printed Marker Cards

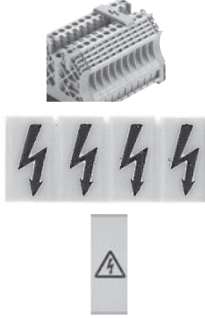
1. Download the AB-Print software (AB-Print) from the Allen-Bradley terminal block home page (<http://www.ab.com/industrialcontrols/products/>) and install it.
2. Create your custom marker card using the AB-Print software and save your file.
3. Place the custom order by adding the letter "C" to the end 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

Plug-In and Sensor Connection Blocks

Plug-In Connection Blocks *

Photo	Wire Range	For Use With	Pkg Qty.	Cat. No.
	#22...12 AWG (2.5 mm ²)	1492-JC3, JDC3, LC3, LDC3	100	1492-QP5-2
			100	1492-QP5-3
			100	1492-QP5-4
			50	1492-QP5-5
			50	1492-QP5-6
			50	1492-QP5-7
			50	1492-QP5-8
			50	1492-QP5-9
			50	1492-QP5-10
			50	1492-QP5-11
			50	1492-QP5-12

* Tightening Torque: 3.5...4.4 lb•in. (0.4...0.5 N•m)

Sensor Connection Blocks

Photo	Wire Range	For Use With	Color	Pkg. Qty.	Cat. No.
	#26...14 AWG (1.5 mm ²)	1492-LS2-3, LS2-3L, LSG2-3, LS2-4, LS2-4L, LSG2-4	Brown	100	1492-LS2-BR
			Blue	100	1492-LS2-B
			Green	100	1492-LSG2

Plug-In Connectors and Accessories for Flexible Configuration Blocks

Photo	Description	Color	Pkg. Qty.	Cat. No.
Individual Plug-in Connectors				
	Standard	Grey	50	1492-STP
	Grounded	Green	50	1492-STP-G
Ganged Connectors				
	Start plug	Grey	50	1492-SBSTP
	Middle plug	Grey	50	1492-GSTP
	End plug	Grey	50	1492-EBSTP

Accessories

	Plug-in block locking element	Yellow	25	1492-STPLE
	Coding Element for keyed configuration	Yellow	50	1492-STPCE
	Strain Relief covering w plug-in blocks	Yellow	25	1492-STPSR

DIN Rail Receptacle

Convenient 15 A or 20 A power source designed to be installed in panels that will be used in North America and other locations that use the NEMA 5-15 socket (125V, 50/60 Hz).

Photo	Device Rating	Pkg Qty.	Cat. No.
Standard Duplex			
	15 A	1	1492-REC15
	20 A	1	1492-REC20
Ground Fault Circuit Interrupter (GFCI)			
	15 A	1	1492-REC15G
	20 A	1	1492-REC20G

Electrical Ratings		
	Standard Duplex	Ground Fault Circuit Interrupter (GFCI)
Certifications	cUL US LISTED	
	UL 508A, NEMA WD-6, NEMA 5-15R	
	UL498	UL 498, UL 943
Device Rating	15 A	15 Amp 125V
	20 A	20 Amp 125V
Operating Frequency		50/60 Hz
Dielectric Voltage		Withstands 2000V per UL498
Short-Circuit Current Rating		Withstands 1500V per UL498
		10 kA
Environmental Ratings		
Operating Temperature Range		-31...+140 °F (-35...+60 °C)
Storage Temperature Range		-13...+176 °F (-25...+80 °C)
Mechanical Ratings		
Terminal Wire Sizes		#20...#10 AWG solid or stranded
Terminal Torque		7 lb•in. (.79 N•m)
Markers		1492-MS10X17