1492 Marker Cards & Marking Systems

Clearmark Printer with Ink Cartridges
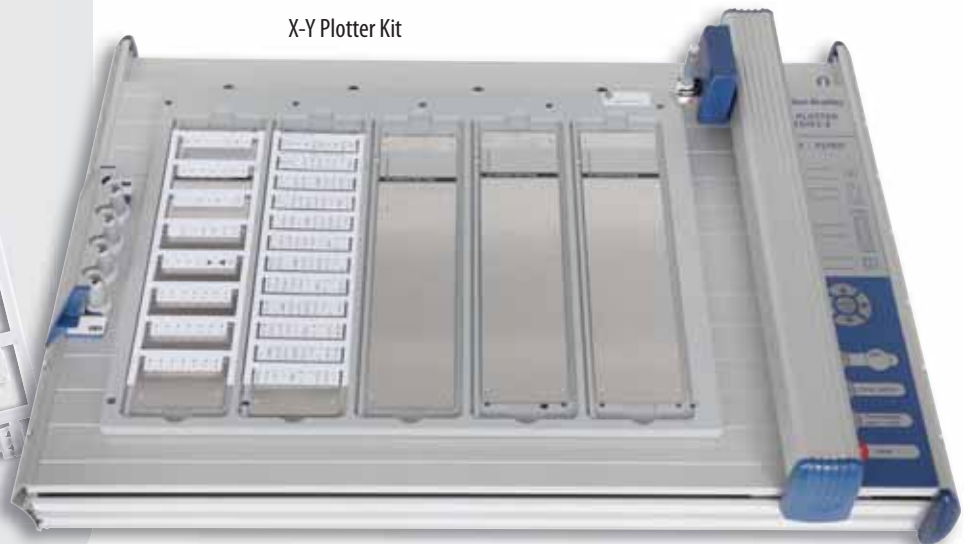
Marker Cards

Rockwell Automation offers marking solutions for your industrial equipment, wires and terminal blocks for both Allen-Bradley and others. We offer two marking systems and a wide assortment of marker cards. The ClearMark™ Printer is designed for high volume users that require high speed and no ink drying time. The plotter marking system is robust and flexible enough to allow partial marking on cards or up to 5 cards at a time for low to medium volume users. We are continuing to meet worldwide application challenges with marking systems to allow you to customize your equipment.

X-Y Plotter Kit

Wire Markers

Allen-Bradley · Rockwell Software

Rockwell Automation

X-Y Plotter Series E Marking System

PLOTTER, SOFTWARE AND ACCESSORIES

The flexible marking tool of the Allen-Bradley terminal block product line is the X-Y Plotter. This marking solution accommodates the low to medium volume marking users.

ADVANTAGES

- Plot partial marker card
- Load up to 5 cards at a time (mix and match)
- Easy to use AB-Plot software
- Character customization
- Supported by Allen-Bradley and its extensive network of distributors
- Can print markers for Terminal Blocks, contactors, relays, and more

SYSTEM REQUIREMENTS

- Personal computer with at least an 80486 processor
- Microsoft Windows™ 95, 98, 2000, XP
- Hard drive with at least 50 MB space available
- One open parallel or USB communication port

THE X-Y PLOTTER KIT INCLUDES:

- Plotter • Adapter Plate
- AB-Plot software
- Disposable 0.25 mm ink pen
- Parallel port cable
- Power cable
- User manuals

All you need to supply are the marker cards and your personal computer!

Plotter Kit includes: Plotter Kit includes: Plotter, Parallel port communication cable, Power cable, Disposable ink pen, Adapter plate, AB-Plot software 1492-PLTKIT

AB-PLOT Plotter Software 1492-PLOTSOFT

Latest version available online at: **www.ab.com**

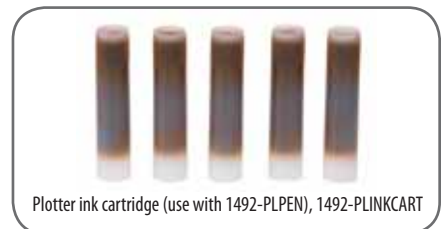Disposable plotter ink pen, 0.25 mm 1492-PLOTPEN25

Disposable plotter ink pen, 0.35 mm 1492-PLOTPEN35

Adapter and pen 1492-PLOTADPT

Plotter pen point (to be used with 1492-PLINKCART), 1492-PLPEN

Plotter ink cartridge (use with 1492-PLPEN), 1492-PLINKCART

Plotter cleaning solution, 1492-PLSOLN

Plotter cleaning container and cloth, 1492-PLCLEAN

Service kit, 1492-PLOTSERV

Plotter Plate
- 1492-PLOTPLT – Additional plate for Series E Plotters
- 1492-PLOTPLTA – Single slot plate for oversized cable markers (1492-MW5-21, MW6-21, MW7-21)
- 1492-PLATE2 – Adapter plate to print new markers with Series C and D Plotters

ClearMark™ Marking System

The Allen-Bradley ClearMark Printer is the latest addition to the Rockwell Automation marking solutions portfolio. The ClearMark Printer creates marker cards that can be used on terminal blocks as well as wires, cables and other industrial components.

ADVANTAGES

The ClearMark Printer provides high-quality printing in an easy-to-use format.

- Fast: Less than 2 minutes to print and set a full marker card
- Easy: Integrated feeder for up to 20 marker cards
- Low-maintenance: Automatically cycles as needed to keep ink flowing
- High-quality printing: 600 or 1200 dpi
- Color Printing: Use spot color for printing on white marker cards for visual distinction

- The ClearMark Printer uses inkjet printing technology with water-based ink that is bonded to the marker cards with heat
- ClearTools™ Software allows customers to efficiently create markers from basic numbering to sequences and images

ClearTools Software

Customers can efficiently create markers from basic numbering to sequences and images with ClearTools software.

- Use auto-fill feature to create sequences of data
- Import from a variety of file formats
- Print from the library of symbols or use your own image

Printer: 1492-PRINT110 (100…120 V) / 1492-PRINT 220 (220…240 V)		
ClearMark Printer, 110V Includes ClearMark Printer, ClearTools Software, and first set of ink pre-installed	1492-PRINT110	
ClearMark Printer, 220V Includes ClearMark Printer, ClearTools Software*, and first set of ink pre-installed	1492-PRINT220	
Ink Cartridge, Cyan	1492-PRINTINK-C	
Ink Cartridge, Magenta	1492-PRINTINK-M	
Ink Cartridge, Yellow	1492-PRINTINK-Y	
Ink Cartridge, Black	1492-PRINTINK-K	
Replacement Ink Collector Unit	1492-PRINTCOLLECT	

*ClearTools software and updates can be downloaded for free at:
http://www.ab.com/industrialcontrols/products/terminal_blocks_and_wiring/marking_systems_access/marking_systems_family1.html
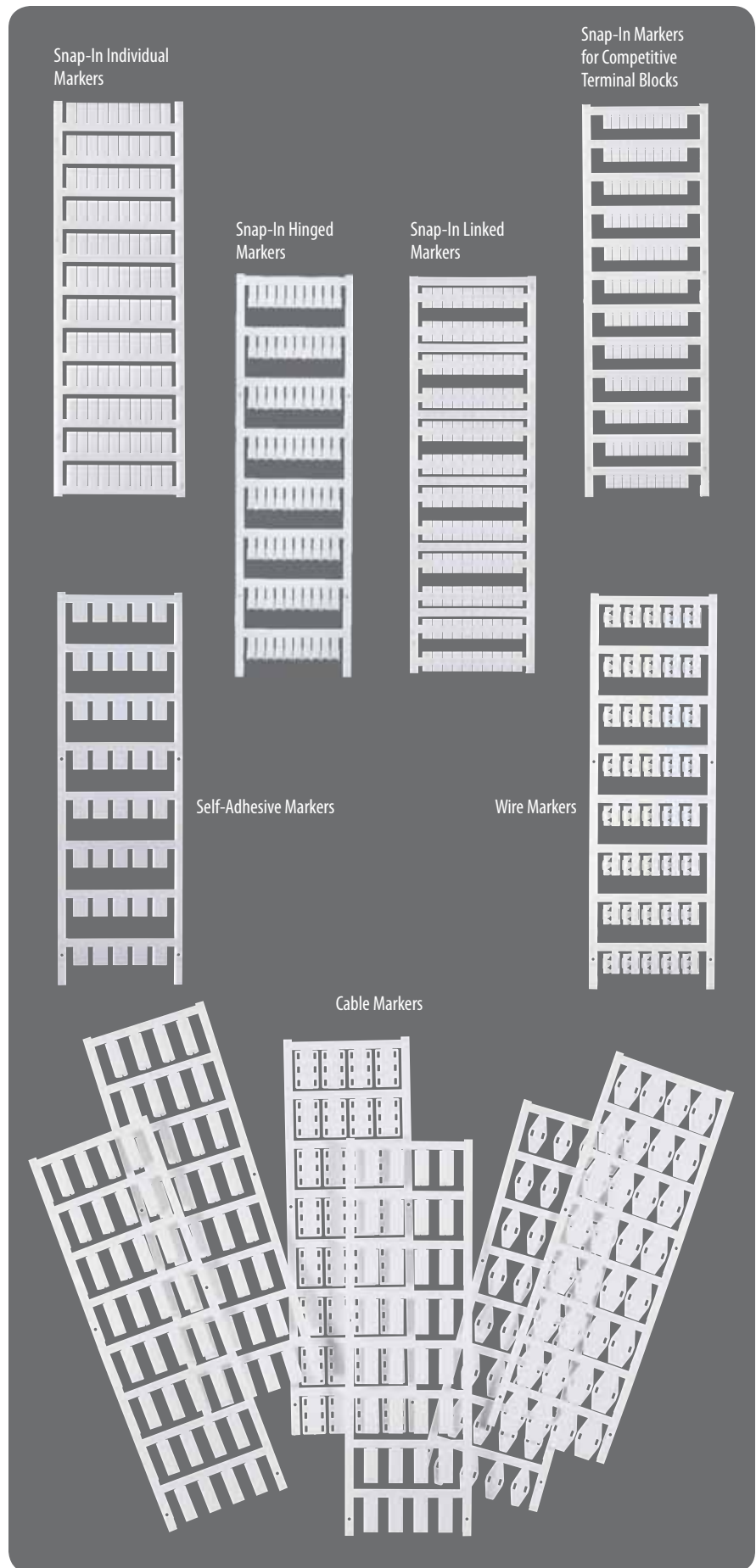
1492 Marker Cards

The Bulletin1492 Marker Cards offer a convenient method for providing a standard size frame around an array of markers. This broad assortment includes labels for terminal blocks (both Allen-Bradley and competitors), wire and cables, and a variety of industrial equipment.

FEATURES AND BENEFITS

- Project description area on every marker card
- One standard size frame for all markers
- Markers are easily removable from the frame
- Compatible with many Allen-Bradley products, including the following:
  - IEC Terminal Blocks
  - Fuse Holder
  - IEC Contactors
  - NEMA Terminal Blocks
  - General Purpose and Industrial Relays
  - Motor Protectors
  - PanelConnect™
  - Electric Overloads
  - IEC Push Buttons
- Print with either the ClearMark Printer (1492-PRTKIT110V/220V) or the X-Y Plotter (1492-PLTKIT)

ALSO AVAILABLE

- Pre-printed markers
- Custom printed markers

Snap-In Individual Markers

Snap-In Markers for Competitive Terminal Blocks

Snap-In Hinged Markers

Snap-In Linked Markers

Self-Adhesive Markers

Wire Markers

Cable Markers

1492 Marker Cards & Accessories

	Catalog	PCS/ PKG	Used With	Markers Per Card	Size
Snap-In Individual Markers 1492-M	1492-M3X5	5	1492-L	100	3mm x 5mm
	1492-M3X12	5	1492-L	120	3mm x 12mm
	1492-M5X5	5	1492-J, L	200	5mm x 5mm
	1492-M5X8	5	1492-J, L	144	5mm x 8mm
	1492-M5X10	5	1492-J, L	144	5mm x 10mm
	1492-M5X12	5	1492-J, L	144	5mm x 12mm
	1492-MD6X9	5	1732 I/0	80	6mm x 9mm
	1492-M5X30*	5	1492-J, L	20	5mm x 30mm
	1492-M5X30*	5	1492-J, L	20	5mm x 30mm
	1492-M6X5	5	1492-J, L	200	6mm x 5mm
	1492-M6X12	5	1492-J, L and 1738 ArmorPoint	120	6mm x 12mm
	1492-M7X12	5	1492-J, L	108	7mm x 12mm
	1492-M8X5	5	1492-J, L	160	8mm x 5mm
	1492-SM5X10	5	1492-J, L	144	5mm x 10mm
	1492-MN81	5	NEMA Terminal Blocks (1492-HM1, -HM2, -HM3), Circuit Breakers	120	6mm x 10mm
	1492-MN83	5	NEMA Terminal Blocks (1492-HM3), Circuit Breakers (1492-CB)	40	10mm x 10mm
	1492-MS8X9	5	1492-W, -R, 700-H Relays	56	8mm x 9mm
	1492-MS8X12	5	1492-W, -R, 700-H Relays	56	8mm x 12mm
	1492-MS8X17	5	700-HN204, -HN205 Relay Sockets	40	8mm x 17mm
	1492-MS9X20	5	1667 PanelConnect™	40	9mm x 20mm
	1492-MS10X17	5	100-C, D Contactors, 700-CF Relays, 140 Motor Protectors, 193-E1, -E3	40	10mm x 17mm
Snap-In Linked Markers 1492-MR	1492-MR5X8	5	1492-J, L	120	5mm x 8mm
	1492-MR6X8	5	1492-J, L	120	6mm x 8mm
	1492-MR5X12	5	1492-J, L	120	5mm x 12mm
	1492-MR6X12	5	1492-J, L	120	6mm x 12mm
	1492-MR8X12	5	1492-J, L	84	8mm x 12mm
	1492-MS5X5	5	1492-WM3, -WMD1	80	5mm x 5mm
	1492-MS5X9	5	1492-W, 700-HA, 800F Contact Block	80	5mm x 9mm
	1492-MS5X12	5	1492-W, 700-H Relays	80	5mm x 12mm
	1492-MS6X9	5	1492-W, -R, 700-H Relays	80	6mm x 9mm
	1492-MS6X12	5	1492-W, 700-H Relays	80	6mm x 12mm
	1492-MR5X10	5	1492-J, L	120	5mm x 10mm
Snap-In Hinged Markers 1492-MH	1492-MH5X10	5	1492-L	96	5mm x 10mm
	1492-MH5X15	5	1492-L	96	5mm x 15mm
	1492-MH6X12	5	1492-L	80	6mm x 12mm
Cable Markers 1492-MW			**External Diameter mm**		
	1492-MW9X24	5	from 0.276 in (from 7.0 mm)	32	9mm x 24mm***
	1492-MW10X23	5	from 0.276 in (from 7.0 mm)	32	5mm x 23mm***
	1492-MW14X23	5	from 0.276 in (from 7.0 mm)	32	8mm x 23mm***
	1492-MW11X60	5	from 0.276 in (from 7.0 mm)	12	11mm x 44mm***
	1492-MW5-21	5	0.162 - 0.193 in (4.1 - 4.9 mm)	32	5mm x 21mm*
	1492-MW6-21	5	0.185 - 0.229 (0.268) in (4.7 - 5.8 (6.8) mm)	32	6mm x 21mm**
	1492-MW7-21	5	0.229 - 0.276 (0.335) in (5.8 - 7.0 (8.5) mm)	32	7mm x 21mm**

1492-GMC with 1492-M5x30

*Requires 1492-GMC
** Requires 1492-PLOTPLTA
*** Requires Cable Ties

1492 Marker Cards & Accessories (Continued)

	Catalog	PCS/ PKG	Used With	Markers Per Card	Size
Snap-In Individual Markers for Rockwell Automation product and Competitive Terminal Blocks 1492-MC	1492-MCW4X9	5	Wago products	100	4mm x 9mm
	1492-MC5X8	5	Phoenix, Entrelec, Telemecanique, Legrand	120	5mm x 8mm
	1492-MCW5X9	5	Wago	100	5mm x 9mm
	1492-MC5X10	5	Phoenix, Wieland, Entrelec, Telemecanique, Legrand	120	5mm x 10mm
	1492-MC5X12	5	Wieland and Telemecanique	120	5mm x 12mm
	1492-MCW5X9F	5	Wago	100	5mm x 9mm
	1492-MCW5X5	5	Wago	100	5mm x 5mm
	1492-MCW6X9	5	Wago	100	6mm x 9mm
	1492-MC4X5	5	Phoenix	100	4mm x 5mm
	1492-MC5X5	5	Bul. 1492-FB Fuse Holder and Pheonix	100	5mm x 5mm
	1492-MC6X5	5	Bul. 1492-FB Fuse Holder and Pheonix	100	6mm x 5mm
	1492-MC6X10	5	700-HL Relays, Phoenix, Wieland, Entrelec, Telemecanique, Legrand	120	6mm x 10mm
	1492-MC8X10	5	Entrelec, Phoenix	100	8mm x 10mm
	1492-MC7X5	5	Phoenix	100	7mm x 5mm
	1492-MC5x4	5	Phoenix	100	5mm x 4mm
	1492-MCS7X10	5	Siemens	64	7mm x 10mm
	1492-MCS5X10	5	Siemens	80	5mm x 10mm
	1492-MCS6X10	5	Siemens	64	6mm x 10mm
	1492-MCS7X7	5	Siemens	64	7mm x 7mm
	1492-MCS5X8	5	Siemens	80	5mm x 8mm
	1492-MCS6X8	5	Siemens	64	6mm x 8mm
Self-Adhesive Markers 1492-MAS	1492-MAS9X17	5	Self-adhesive for any equipment	40	9mm x 17mm
	1492-MAS6X15	5	Bul. 700 Relays,	40	6mm x 15mm
	1492-MAS9X11	5	Self-adhesive for any equipment	40	9mm x 11mm
			1760-Pico GFX-70 Contr.,		
			Self-adhesive for any equipment		

Wire Markers 1492-MWC			**Insulation Diameter / Color**		
	1492-MWC1-21	5	0.059…0.098 in (1.5…2.5 mm) / White	40	4.25mm x 21mm
	1492-MWC3-21	5	0.078…0.138 in (2.0…3.5mm) / White	40	4.25mm x 21mm
	1492-MWC4-21	5	0.098…0.197 in (2.5…5.0mm) / White	24	6mm x 21mm
	1492-MWC1-12	5	0.059…0.098 in (1.5…2.5 mm) / White	40	4.25mm x 12mm
	1492-MWC3-12	5	0.078…0.138 in (2.0…3.5mm) / White	40	4.25mm x 12mm

1492 Pre-Printed Markers

Rockwell Automation introduces the new line of Bulletin 1492 Pre-Printed Markers in a wide variety of standardized layouts to meet your circuit identification needs.
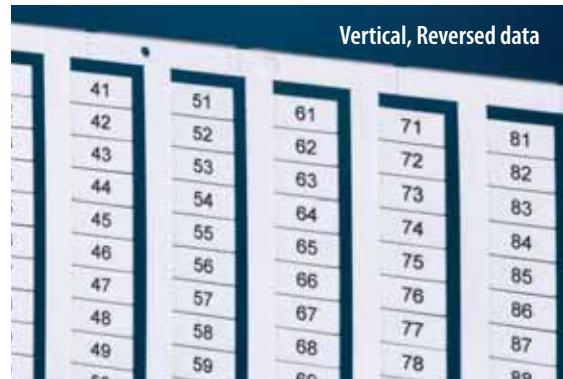
PRINT INFORMATION

The 1492 Pre-Printed Markers are printed on the 1492 ClearMark™ Printer which uses advanced ink jet technology. The typical font used is Arial 9 point except when using smaller markers.

FEATURES AND BENEFITS

- Made-to-order custom marked cards
- Large assortment available
- Excellent print quality
- Defined by catalog numbers
- Compatible with the following
- Allen-Bradley products:
  - IEC Terminal Blocks
  - IEC Contactors
  - General Purpose and Industrial Relays
  - Motor Protection Circuit Breakers
  - PanelConnect™
- Circuit Breakers
- Eliminates the burden of printing standardized markers

ORIENTATION EXAMPLES

Vertical

Vertical, Reversed data

Vertical
1492-M6x12V1-END

Vertical Upside Down
1492-M6x12VU1-END

Vertical Upside down, Reversed data
1492-M6x12VUR1-END

Vertical, Reversed data
1492-M6x12VR1-END

Horizontal
1492-M6x12H1-END

Horizontal Upside Down
1492-M6x12HU1-END

Horizontal Upside down, Reversed data
1492-M6x12HUR1END

Horizontal, Reversed data
1492-M6x12V1HR1-END

1492 Pre-Printed Markers-Catalog Number Explanation

1492 – **M5X10** **H** **1-100** **s**
  a   b   c   d

a
Marker Selection

M3X5	MS5X12	MCS6X8
M3X12	MS6X9	MC6X10
M5X5	MS6X12	MWC3-12
M5X10	MS8X12	MWC4-12
M5X12	MS9X20	MAS9X17
M5X15	MS8X17	MAS6X15
M5X30	MS10X17	MAS9X11
M6X5	MC5X8	MW9X24
M6X10	C5X10	MW10X23
M6X12	MC5X12	MW14X23
M7X12	MCW4X9	MW11X60
M8X5	MCW5X9	MW5-21
MR5X8	MCW5X9F	MW6-21
MR6X8	MCW5X5	MW7-21
MR5X12	MCW6X9	MWC1-21
MR6X12	MC4X5	MWC3-21
MR8X12	MC5X5	MWC4-21
SM5X10	MC6X5	
SM6X10	MC8X10	
MH5X10	MC7X5	
MH5X15	MC5X4	
MH6X12	MCS7X10	
MN81	MCS5X10	
MN83	MCS6X10	
MS5X5	MCS7X7	
MS5X9	MCS5X8	

b
Text Direction

H	Horizontal Print
V	Vertical Print
HU	Horizontal Up-side-down Print
VU	Vertical Up-side-down Print
HR	Horizontal Print, Reversed data for each column
VR	Vertical Print, Reversed data for each column
HUR	Horizontal Up-side-down Print, Reversed data for each column
VUR	Vertical Up-side-down Print, Reversed data for each column
C	Custom**

** Custom Printed Marker Cards:

1. Download the ClearTools software from the Allen-Bradley terminal block home page.

2. Create your custom marker card using the printer software and save the file to your computer.

3. Place an order for the custom markers on SAP 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 in SAP with the new Cat. No. 1492-M6X12C).

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)
• Quantity (the number of needed copies of the file)
• Company information (with a contact name and phone number)
• ClearTools data file (attached to the e-mail)

Pre-printed and Custom-printed markers are packaged in quantities of 5

* You may not select a printing sequence quantity that exceeds the number of markers per card (e.g., you cannot choose option 1-100 on marker MH5x15 because that card only has 96 markers).

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

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.

d
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.

www.rockwellautomation.com