

# 1492 ClearMark™ Advanced Marking System



Fast, Flexible, High-volume Marking for Terminal Blocks and More

## Features and Benefits

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 30 marker cards
- **Low-maintenance:** Automatic cleaning cycles keep ink flowing and printer ready to use
- **High-quality color printing:** 600 or 1200 dpi
- **User-friendly:** Touch panel with intuitive interface
- **Consistent:** ClearTools Software works with all Allen-Bradley terminal block marking system printers
- **Flexible:** Can feed full- or half-sized marker cards

*Ideal for high-volume marking needs – more than 50 cards per week*



## A durable and user-friendly printer for high volume users

The ClearMark Advanced marking system prints on marker cards that can be used on terminal blocks as well as wires, cables, and other industrial components. Thanks to its integrated card feeder, it is ideal for printing high volumes in continuous operation. The precise ink jet printing along with heat bonding provide optimum print results for durable identification of equipment.

### ClearTools™ Software

Free ClearTools software makes it easy to create everything from basic numbering and sequences to images. You can import from a variety of file formats or use the included library of symbols.

## Specifications

|                          |   |  |
|--------------------------|---|--|
| <b>Catalog number</b>    | <b>1492-PCMA110</b>   |  |
| <b>Power supply</b>      | 100...120V AC / 50-60 Hz  |  |
| <b>PC interface</b>      | USB   |  |
| <b>Printing speed</b>    | Less than 2 minutes for a full size marker card   |  |
| <b>Print quality</b>     | 600 or 1200 dpi   |  |
| <b>Environmental</b>     | <b>Operating</b>  | 10° to 35° C (50° to 95° F)<br>35% - 75% Relative humidity   |
|                          | <b>Storage</b>  | -10° to 50° C (14° to 122° F)<br>10% - 90% Relative humidity |
| <b>Dimensions</b>        | Length Including output rail: approx. 1138 mm (44.80 in.)<br>Width: 554 mm (21.81 in.)<br>Height with folded-up touch panel: 422 mm (16.61 in.) |  |
| <b>Weight</b>            | 37.2 kg (82.01 lb)  |  |
| <b>Operating systems</b> | Windows 7, 8, 8.1, 10   |  |

## ClearMark Marking System

The Allen-Bradley® ClearMark Advanced 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 30 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 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:<br>1492-PCMA110 (100...120 V)   |                  |   |
|--|------------------|---|
| Description  | Catalog Number   |   |
| <b>ClearMark Advanced Printer</b><br>Includes ClearMark Advanced Printer, ClearTools Software, first set of ink pre-installed, quick start guide and one box of 1492-M5X5 marker cards | 1492-PCMA110     |    |
| <b>Ink Cartridge, Cyan</b>   | 1492-PCMAINK-C   |  |
| <b>Ink Cartridge, Magenta</b>  | 1492-PCMAINK-M   |   |
| <b>Ink Cartridge, Yellow</b>   | 1492-PCMAINK-Y   |   |
| <b>Ink Cartridge, Black</b>  | 1492-PCMAINK-K   |   |
| <b>Replacement Ink Collector Unit</b>  | 1492-PCMACOLLECT |  |
| <b>Cleaner Fluid</b>   | 1492-PCMAFLUID   |  |
| <b>Cleaner Wipe</b>  | 1492-PCMACLEANER |  |
| <b>Printer Service Kit</b>   | 1492-PCMASERVKIT |  |

\*ClearTools software and updates can be downloaded for free at: <https://ab.rockwellautomation.com/Terminal-Blocks/Marking-Systems>

## 1492 Marker Cards

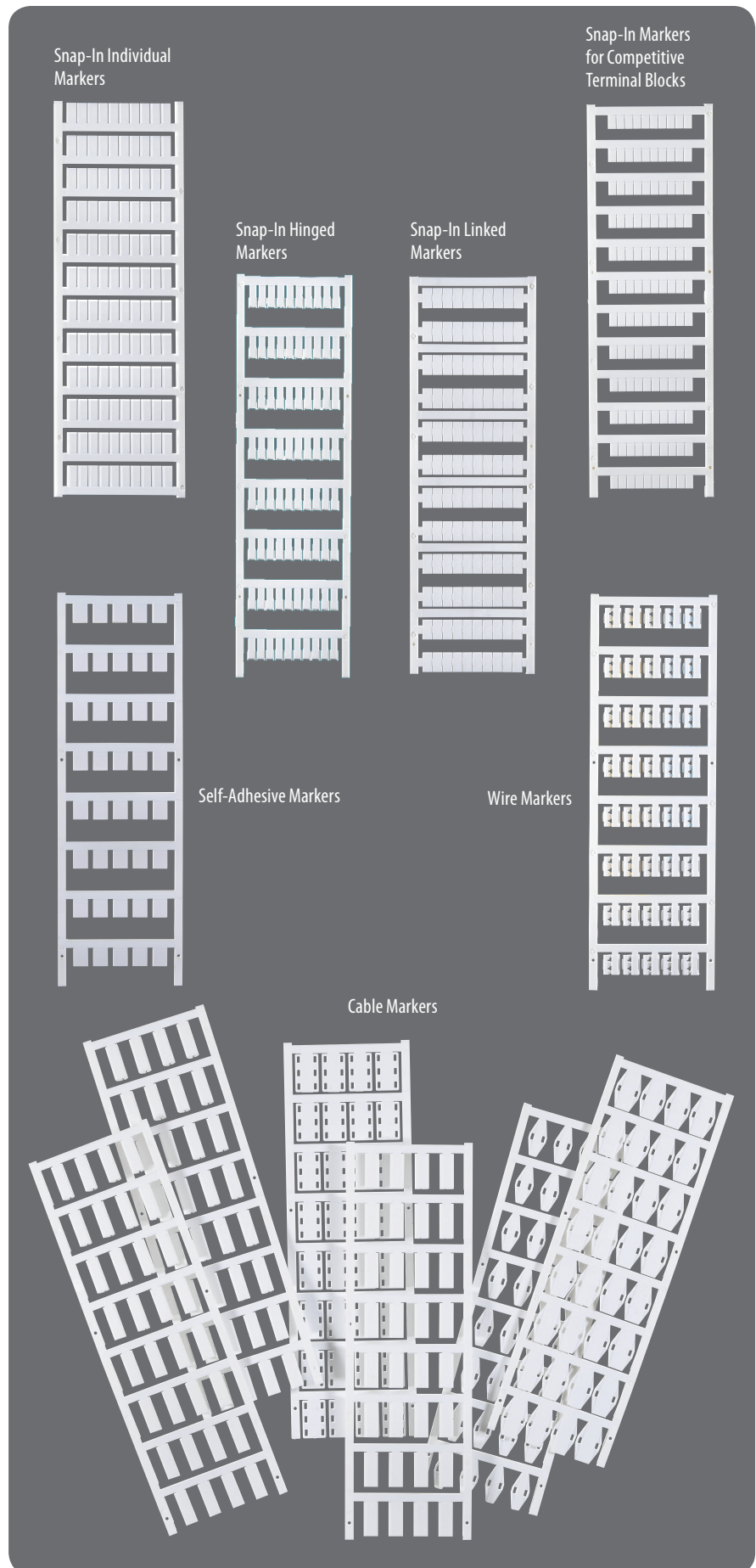
The Bulletin 1492 Marker Cards offer a convenient method for providing a standard-size frame around an array of markers. This broad assortment includes labels for terminal blocks (both Allen-Bradley and competitors), wire and cables, and a variety of industrial equipment.

### Features and Benefits

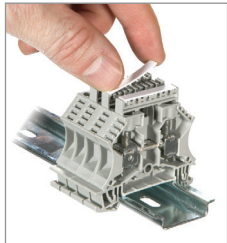


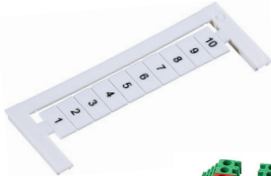



- Project description area on every marker card
- One standard-size frame for all markers
- Markers are easily removable from the frame
- Compatible with many Allen-Bradley products, including the following:
  - IEC Terminal Blocks
  - Fuse Holder
  - IEC Contactors
  - NEMA Terminal Blocks
  - General-purpose and Industrial Relays
  - Motor Protectors
  - PanelConnect™ Modules
  - Electric Overloads
  - IEC Push Buttons

### Offering

- Blank marker tags
- Preprinted markers
- Custom printed markers



## 1492 Blank Marker Cards and Accessories

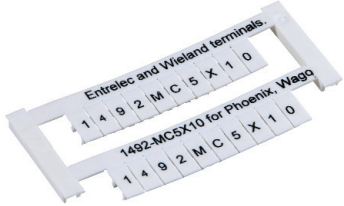

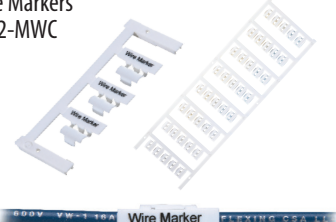
|   | Catalog   | PCS/<br>PKG   | Used With   | Markers<br>Per Card | Size                       |
|---|---|---|---|---------------------|----------------------------|
| <b>Snap-In Individual Markers</b><br>1492-M<br><br><br> | 1492-M3X5   | 5   | 1492-L  | 100                 | 3 mm x 5 mm                |
|   | 1492-M3X12  | 5   | 1492-L  | 120                 | 3 mm x 12 mm               |
|   | 1492-M5X5   | 5   | 1492-J, L   | 200                 | 5 mm x 5 mm                |
|   | 1492-M5X8   | 5   | 1492-J, L   | 144                 | 5 mm x 8 mm                |
|   | 1492-M5X10  | 5   | 1492-J, L   | 144                 | 5 mm x 10 mm               |
|   | 1492-M5X12  | 5   | 1492-J, L   | 144                 | 5 mm x 12 mm               |
|   | 1492-M5X15  | 5   | 1492-J, L   | 96                  | 5 mm x 15 mm               |
|   | 1492-MD6X9  | 5   | 1732 I/O  | 80                  | 6 mm x 9 mm                |
|   | 1492-GM5X30   | 4   | 1492-EAJ35 and 1492-ERL35 End Anchors                             | 12                  | 5 mm x 30 mm <sup>1</sup>  |
|   | 1492-M6X5   | 5   | 1492-J, L   | 200                 | 6 mm x 5 mm                |
|   | 1492-M6X10  | 5   | 1492-J, L   | 120                 | 6 mm x 10 mm               |
|   | 1492-M6X12  | 5   | 1492-J, L and 1738 ArmorPOINT® Modules                            | 120                 | 5 mm x 30 mm               |
|   | 1492-M7X12  | 5   | 1492-J, L   | 108                 | 7 mm x 12 mm               |
|   | 1492-M8X5   | 5   | 1492-J, L   | 160                 | 8 mm x 5 mm                |
|   | 1492-SM5X10   | 5   | 1492-J, L   | 144                 | 5 mm x 10 mm               |
|   | 1492-MN81   | 5   | NEMA Terminal Blocks (1492-HM1, -HM2, -HM3), Circuit Breakers     | 120                 | 6 mm x 10 mm               |
|   | 1492-MN83   | 5   | NEMA Terminal Blocks (1492-HM3), Circuit Breakers (1492-CB)       | 40                  | 10 mm x 10 mm              |
|   | 1492-MS8X9  | 5   | 1492-W, -R, 700-H Relays  | 56                  | 8 mm x 9 mm                |
|   | 1492-MS8X12   | 5   | 1492-W, -R, 700-H Relays  | 56                  | 8 mm x 12 mm               |
|   | 1492-MS8X17   | 5   | 700-HN204, -HN205 Relay Sockets                                   | 40                  | 8 mm x 17 mm               |
| 1492-MS9X20   | 5   | 1667 PanelConnect Modules   | 40  | 9 mm x 20 mm        |                            |
| 1492-MS10X17  | 5   | 100-C, D Contactors, 700-CF Relays, 140 Motor Protectors, 193-E1, -E3 | 40  | 10 mm x 17 mm       |                            |
| <b>Snap-In Linked Markers</b><br>1492-MR<br><br>  | 1492-MR3X10   | 5   | 1492-L2, -P2, -PS2  | 192                 | 3 mm x 10 mm               |
|   | 1492-MR5X8  | 5   | 1492-J, L   | 120                 | 5 mm x 8 mm                |
|   | 1492-MR6X8  | 5   | 1492-J, L   | 120                 | 6 mm x 8 mm                |
|   | 1492-MR5X12   | 5   | 1492-J, L   | 120                 | 5 mm x 12 mm               |
|   | 1492-MR6X12   | 5   | 1492-J, L   | 120                 | 6 mm x 12 mm               |
|   | 1492-MR8X10   | 5   | 1492-J6, -L6, -P6   | 84                  | 8 mm x 10 mm               |
|   | 1492-MR8X12   | 5   | 1492-J, L   | 84                  | 8 mm x 12 mm               |
|   | 1492-MS5X5  | 5   | 1492-WM3, -WMD1   | 80                  | 5 mm x 5 mm                |
|   | 1492-MS5X9  | 5   | 1492-W, 700-HA, 800F Contact Block                                | 80                  | 5 mm x 9 mm                |
|   | 1492-MS5X12   | 5   | 1492-W, 700-H Relays  | 80                  | 5 mm x 12 mm               |
|   | 1492-MS6X9  | 5   | 1492-W, -R, 700-H Relays  | 80                  | 6 mm x 9 mm                |
|   | 1492-MS6X12   | 5   | 1492-W, 700-H Relays  | 80                  | 6 mm x 12 mm               |
|   | 1492-MR5X10   | 5   | 1492-J, L   | 120                 | 5 mm x 10 mm               |
|   | <b>Snap-In Hinged Markers</b><br>1492-MH<br> | 1492-MH5X10   | 5   | 1492-L              | 96                         |
| 1492-MH5X15   |   | 5   | 1492-L  | 96                  | 5 mm x 15 mm               |
| 1492-MH6X12   |   | 5   | 1492-L  | 80                  | 6 mm x 12 mm               |
| <b>Cable Markers</b><br>1492-MW<br>  | 1492-MW9X24   | 5   | <b>External Diameter in. (mm)</b><br>from 0.276 in. (from 7.0 mm) | 32                  | 9 mm x 24 mm <sup>2</sup>  |
|   | 1492-MW10X23  | 5   | from 0.276 in. (from 7.0 mm)                                      | 32                  | 5 mm x 23 mm <sup>2</sup>  |
|   | 1492-MW14X23  | 5   | from 0.276 in. (from 7.0 mm)                                      | 32                  | 8 mm x 23 mm <sup>2</sup>  |
|   | 1492-MW11X60  | 5   | from 0.276 in. (from 7.0 mm)                                      | 12                  | 11 mm x 44 mm <sup>2</sup> |
|   | 1492-MW5-21   | 5   | 0.162...0.193 in. (4.1...4.9 mm)                                  | 32                  | 5 mm x 21 mm <sup>3</sup>  |
|   | 1492-MW6-21   | 5   | 0.185...0.229 (0.268) in. (4.7...5.8 (6.8) mm)                    | 32                  | 6 mm x 21 mm <sup>3</sup>  |
|   | 1492-MW7-21   | 5   | 0.229...0.276 (0.335) in. (5.8...7.0 (8.5) mm)                    | 32                  | 7 mm x 21 mm <sup>3</sup>  |

<sup>1</sup> Requires 1492-PLOTPLTB

<sup>2</sup> Requires Cable Ties

<sup>3</sup> Requires 1492-PLOTPLTA

## 1492 Blank Marker Cards & Accessories (Continued)

|   | Catalog  | PCS/<br>PKG                              | Used With   | Markers<br>Per Card             | Size            |
|---|--|--|---|---------------------------------|-----------------|
| Snap-In Individual Markers for<br>Rockwell Automation product and<br>Competitive Terminal Blocks<br>1492-MC  | 1492-MCW4X9  | 5  | Wago  | 100                             | 4 mm x 9 mm     |
|   | 1492-MC5X8   | 5  | Phoenix, Entelec, Telemecanique, Legrand                            | 120                             | 5 mm x 8 mm     |
|   | 1492-MCW5X9  | 5  | Wago  | 100                             | 5 mm x 9 mm     |
|   | 1492-MC5X10  | 5  | Phoenix, Wieland, Entelec,<br>Telemecanique, Legrand                | 120                             | 5 mm x 10 mm    |
|   | 1492-MC5X12  | 5  | Wieland and Telemecanique   | 120                             | 5 mm x 12 mm    |
|   | 1492-MCW5X9F   | 5  | Wago  | 100                             | 5 mm x 9 mm     |
|   | 1492-MCW5X5  | 5  | Wago  | 100                             | 5 mm x 5 mm     |
|   | 1492-MCW6X9  | 5  | Wago  | 100                             | 6 mm x 9 mm     |
|   | 1492-MC4X5   | 5  | Phoenix   | 100                             | 4 mm x 5 mm     |
|   | 1492-MC5X5   | 5  | Bul. 1492-FB Fuse Holder and Phoenix                                | 100                             | 5 mm x 5 mm     |
|   | 1492-MC6X5   | 5  | Bul. 1492-FB Fuse Holder and Phoenix                                | 100                             | 6 mm x 5 mm     |
|   | 1492-MC6X10  | 5  | 700-HL Relays, Phoenix, Wieland,<br>Entelec, Telemecanique, Legrand | 120                             | 6 mm x 10 mm    |
|   | 1492-MC8X10  | 5  | Entelec, Phoenix  | 100                             | 8 mm x 10 mm    |
|   | 1492-MC7X5   | 5  | Phoenix   | 100                             | 7 mm x 5 mm     |
|   | 1492-MC5x4   | 5  | Phoenix   | 100                             | 5 mm x 4 mm     |
|   | 1492-MCS5X10   | 5  | Siemens   | 80                              | 5 mm x 10 mm    |
|   | 1492-MCS6X10   | 5  | Siemens   | 64                              | 6 mm x 10 mm    |
|   | 1492-MCS6X8  | 5  | Siemens   | 64                              | 6 mm x 8 mm     |
|   | Self-Adhesive Markers<br>1492-MAS  | 1492-MAS9X17                             | 5   | Self-adhesive for any equipment | 40              |
| 1492-MAS6X15  |  | 5  | Self-adhesive for any equipment                                     | 40                              | 6 mm x 15 mm    |
| 1492-MAS9X11  |  | 5  | Self-adhesive for any equipment                                     | 40                              | 9 mm x 11 mm    |
| Wire Markers<br>1492-MWC   |  |  | <b>Insulation Diameter / Color</b>                                  |                                 |                 |
|   | 1492-MWC1-21   | 5  | 0.059...0.098 in. (1.5...2.5 mm) / White                            | 40                              | 4.25 mm x 21 mm |
|   | 1492-MWC3-21   | 5  | 0.078...0.138 in. (2.0...3.5 mm) / White                            | 40                              | 4.25 mm x 21 mm |
|   | 1492-MWC4-21   | 5  | 0.098...0.197 in. (2.5...5.0 mm) / White                            | 24                              | 6 mm x 21 mm    |
|   | 1492-MWC1-12   | 5  | 0.059...0.098 in. (1.5...2.5 mm) / White                            | 40                              | 4.25 mm x 12 mm |
| 1492-MWC4-12  | 5  | 0.098...0.197 in. (2.5...5.0 mm) / White | 24  | 6 mm x 12 mm                    |                 |

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