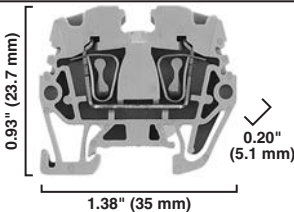
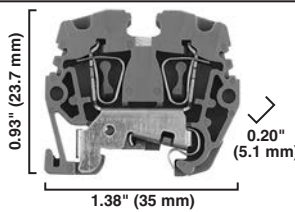




# Spring-Clamp Connection Terminal Blocks

## Mini-Blocks with Center Jumper Option

	1492-LMJ3				1492-LMJG3		
Dimensions are not intended to be used for manufacturing purposes. <b>Note:</b> Height dimension is measured from top of rail to top of terminal block.							
<b>Specifications</b>	<i>Mini rail-mount, feed-through terminal block with jumper capability</i>				<i>Mini rail-mount grounding terminal block</i>		
Certifications		<b>CSA</b>	<b>IEC</b>	<b>ATEX</b>		<b>CSA</b>	<b>IEC</b>
Voltage Rating	600V AC/DC		500V AC/DC	275V AC/DC	—	—	—
Maximum Current	20 A		24 A	20 A	Grounding		
Wire Range (Rated Cross Section)	#26...12 AWG		2.5 mm <sup>2</sup>	#20...12 AWG	#26...12 AWG	2.5 mm <sup>2</sup>	
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)		
Density	59 pcs/ft (196 pcs/m)				59 pcs/ft (196 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)		
<b>Terminal Blocks</b>		<b>Cat. No.</b>		<b>Pkg Qty.</b>	<b>Cat. No.</b>		<b>Pkg Qty.</b>
Color	Grey	<b>1492-LMJ3</b>		100	—		—
	Blue	<b>1492-LMJ3-B</b>		100	—		—
	Green/Yellow	—		—	<b>1492-LMJG3</b>		100
<b>Accessories</b>		<b>Cat. No.</b>		<b>Pkg Qty.</b>	<b>Cat. No.</b>		<b>Pkg Qty.</b>
Mounting Rails 1 m Symmetrical DIN (Steel)		<b>1492-DR3</b>		5	<b>1492-DR3</b>		5
Screwless End Retainer	Grey	<b>1492-ERL15</b>		20	<b>1492-ERL15</b>		20
End Anchor	Grey	<b>1492-EAJ15</b>		50	<b>1492-EAJ15</b>		50
Jumpers		<b>1492-CJLJ5-50</b>		10	—		—
Plug-in Center Jumper — 50-Pole		<b>1492-CJLJ5-10</b>		20	—		—
Plug-in Center Jumper — 10-Pole		1492-CJLJ5-9		20	—		—
Plug-in Center Jumper — 9-Pole		<b>1492-CJLJ5-8</b>		20	—		—
Plug-in Center Jumper — 8-Pole		<b>1492-CJLJ5-7</b>		20	—		—
Plug-in Center Jumper — 7-Pole		<b>1492-CJLJ5-6</b>		20	—		—
Plug-in Center Jumper — 6-Pole		<b>1492-CJLJ5-5</b>		20	—		—
Plug-in Center Jumper — 5-Pole		<b>1492-CJLJ5-4</b>		60	—		—
Plug-in Center Jumper — 4-Pole		<b>1492-CJLJ5-3</b>		60	—		—
Plug-in Center Jumper — 3-Pole		<b>1492-CJLJ5-2</b>		60	—		—
Plug-in Center Jumper — 2-Pole		<b>1492-SJLM5-2</b>		50	—		—
Side Jumper — 2-Pole		1492-TAL5-2		1	—		—
Side Jumper Installation Tool		<b>1492-EBLMJ3</b>		50	<b>1492-EBLMJ3</b>		50
End Barriers	Grey	1492-EBLMJ3-B		50	1492-EBLMJ3-B		50
	Blue	1492-EBLMJ3-Y		50	1492-EBLMJ3-Y		50
	Yellow						
Marking Systems		<b>1492-SM5X10</b> (144/card)		5	<b>1492-SM5X10</b> (144/card)		5
Snap-in Marker Cards		<b>1492-M5X5</b> (200/card)		5	<b>1492-M5X5</b> (200/card)		5
Snap-In Marker Cards*		<b>1492-MH5X10</b> (96/card)		5	<b>1492-MH5X10</b> (96/card)		5
Hinged marker cards*							

\* Markers can be installed over center jumper channel, with or without center jumper installed.

# 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. <b>Note:</b> Height dimension is measured from top of rail to top of terminal block.												
	2.56" (65 mm)				3.54" (90 mm)				2.89" (73.5 mm)			
<b>Specifications</b>	<i>Feed-through terminal block</i>				<i>Feed-through terminal block with 2 connection points on one side</i>				<i>Feed-through terminal block</i>			
<b>Certifications</b>		<b>CSA</b>	<b>IEC</b>	<b>ATEX</b>		<b>CSA</b>	<b>IEC</b>	<b>ATEX</b>		<b>CSA</b>	<b>IEC</b>	<b>ATEX</b>
<b>Voltage Rating</b>	600V AC/DC			800V AC/DC	600V AC/DC			800V AC/DC	600V AC/DC			800V AC/DC
<b>Maximum Current</b>	50 A			41 A	50 A			41 A	60 A			55 A
<b>Wire Range (Rated Cross Section)</b>	#22...8 AWG	#20...8 AWG	6 mm <sup>2</sup>	6 mm <sup>2</sup> (20...8 AWG)	#22...8 AWG	#20...8 AWG	6 mm <sup>2</sup>	6 mm <sup>2</sup> (#20...10 AWG)	#16...6 AWG	10 mm <sup>2</sup>	10 mm <sup>2</sup> (16...8 AWG)	10 mm <sup>2</sup> (16...8 AWG)
<b>Wire Strip Length</b>	0.51 in. (13 mm)				0.51 in. (13 mm)				0.70 in. (18 mm)			
<b>Density</b>	37 pcs/ft (123 pcs/m)				37 pcs/ft(123 pcs/m)				30 pcs/ft (99 pcs/m)			
<b>Housing Temperature Range</b>	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)			
<b>Short-Circuit Current Rating</b>	See page 12-78											
<b>Terminal Blocks</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>
<b>Color</b>	Grey	<b>1492-L6</b>	50		<b>1492-L6T</b>	50		<b>1492-L10</b>	25			
	Red	<b>1492-L6-RE</b>	50		<b>1492-L6T-RE</b>	50		<b>1492-L10-RE</b>	25			
	Blue	<b>1492-L6-B</b>	50		<b>1492-L6T-B</b>	50		<b>1492-L10-B</b>	25			
	Black	<b>1492-L6-BL</b>	50		<b>1492-L6T-BL</b>	50		<b>1492-L10-BL</b>	25			
	Green	<b>1492-L6-G</b>	50		<b>1492-L6T-G</b>	50		<b>1492-L10-G</b>	25			
	Yellow	<b>1492-L6-Y</b>	50		<b>1492-L6T-Y</b>	50		<b>1492-L10-Y</b>	25			
	Orange	<b>1492-L6-OR</b>	50		<b>1492-L6T-OR</b>	50		<b>1492-L10-OR</b>	25			
	Brown	<b>1492-L6-BR</b>	50		<b>1492-L6T-BR</b>	50		<b>1492-L10-BR</b>	25			
	White	<b>1492-L6-W</b>	50		<b>1492-L6T-W</b>	50		<b>1492-L10-W</b>	25			
<b>Accessories</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>
<b>Mounting Rails</b>												
1 m Symmetrical DIN (Steel)		<b>199-DR1</b>	10		<b>199-DR1</b>	10		<b>199-DR1</b>	10			
1 m Symmetrical DIN (Aluminum)		<b>1492-DR5</b>	10		<b>1492-DR5</b>	10		<b>1492-DR5</b>	10			
1 m Hi-Rise Sym. DIN (Aluminum)		<b>1492-DR6</b>	2		<b>1492-DR6</b>	2		<b>1492-DR6</b>	2			
1 m Angled Hi-Rise Sym. DIN (Steel)		<b>1492-DR7</b>	2		<b>1492-DR7</b>	2		<b>1492-DR7</b>	2			
<b>End Barriers</b>	Grey	<b>1492-EBL6</b>	50		<b>1492-EBL6T</b>	50		<b>1492-EBL10</b>	20			
	Blue	<b>1492-EBL6-B</b>	50		<b>1492-EBL6T-B</b>	50		<b>1492-EBL10-B</b>	20			
	Yellow	<b>1492-EBL6-Y</b>	50		<b>1492-EBL6T-Y</b>	50		<b>1492-EBL10-Y</b>	20			
<b>End Anchors and Retainers</b>												
Screwless End Retainer		<b>1492-ERL35</b>	20		<b>1492-ERL35</b>	20		<b>1492-ERL35</b>	20			
DIN Rail — Normal Duty		<b>1492-EAJ35</b>	100		<b>1492-EAJ35</b>	100		<b>1492-EAJ35</b>	100			
DIN Rail — Heavy Duty		<b>1492-EAHJ35</b>	50		<b>1492-EAHJ35</b>	50		<b>1492-EAHJ35</b>	50			
<b>Jumpers</b>												
Plug-in Center Jumper — 32-Pole		<b>1492-CJL8-32</b>	10		<b>1492-CJL8-32</b>	10		—	—			
Plug-in Center Jumper — 4-Pole		<b>1492-CJL8-4</b>	60		<b>1492-CJL8-4</b>	60		—	—			
Plug-in Center Jumper — 3-Pole		<b>1492-CJL8-3</b>	60		<b>1492-CJL8-3</b>	60		—	—			
Plug-in Center Jumper — 2-Pole		<b>1492-CJL8-2</b>	60		<b>1492-CJL8-2</b>	60		<b>1492-CJL10-2</b>	25			
<b>Other Accessories</b>												
Test Plug		—	—		—	—		<b>1492-TP23</b>	20			
Test Plug (Stackable)		<b>1492-TPL8</b>	25		<b>1492-TPL8</b>	25		—	—			
Electrical Warning Plate		<b>1492-EWPL8</b>	20		<b>1492-EWPL8</b>	20		<b>1492-EWPL10</b>	20			
<b>Marking Systems</b>												
Snap-In Marker Cards*		<b>1492-M6X12</b> (120/card)	5		<b>1492-M6X12</b> (120/card)	5		<b>1492-M6X12</b> (120/card)	5			
Snap-In Marker Cards		<b>1492-MR8X12</b> (84/card)	5		<b>1492-M8X5</b> (160/card)	5		<b>1492-M8X5</b> (160/card)	5			
Hinged Marker Cards		<b>1492-MH6X12</b> (80/card)	5		<b>1492-MH6X12</b> (80/card)	5		<b>1492-MH5X15</b> (96/card)	5			

\* May only be mounted in terminal block corner marking positions.

# Spring-Clamp Connection Terminal Blocks

## Introduction

### The Allen-Bradley Line of Spring-Clamp Terminal Blocks...

The Bulletin 1492-L line of internationally approved spring-clamp IEC-style terminal blocks offers a variety of products that can make any application:

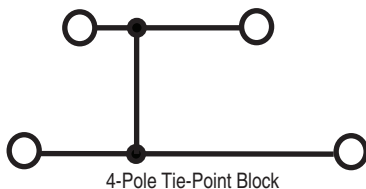
- Fast — Reduces wiring time by more than 50%
- Practical — Requires only a flat-head screwdriver for easy installation. Maintenance-free, no need to retighten
- Reliable — Secure contact is durable under extreme conditions such as high-vibration applications

### Products Available in the 1492-L Spring-Clamp Line

- **Feed-Through Blocks**, accommodating wire sizes from #30...#2 AWG (0.2...35 mm<sup>2</sup>)
- **Grounding Blocks** for grounding a given circuit to the DIN Rail
- **Multi-Circuit Blocks** for doubling circuit wiring density
- **Isolation Blocks** for circuit isolation during testing and troubleshooting
- **Plug-In Style Terminal Blocks** accommodating component plugs, fuse plugs, and disconnect plugs
- **Sensor Blocks** for coordination of three-wire sensor groups with or without ground terminations
- **Electrical Component Blocks** which allow for the insertion of fixed components into control circuits. Components include diodes and surge suppression circuits

#### Tie-Point Block

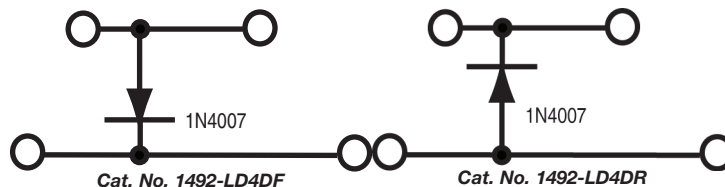
(Cat. Nos. 1492-LD2C, LD3C, LD4C)



#### Diode Block

(Cat. Nos. 1492-LD4DF, 1492-LD4DR)

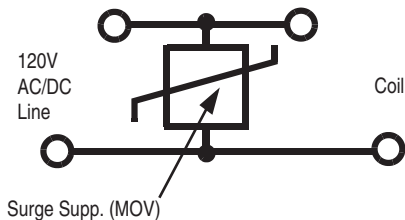
Uses a 1N4007 diode between the upper and lower levels for insertion into a control circuit. This block is useful in low voltage DC control circuits for directioning and suppression.



#### Surge Suppression Block

(Cat. No. 1492-LD4SS)

Provides a convenient means of incorporating transient suppression for relays, contactors and solenoids into a control system.



- **Test Blocks** for allowing a bank of pluggable terminal strips to be easily connected for test purposes
- A wide variety of snap-in markers are available for individual or group circuit identification
- A broad offering of accessories such as screwless end retainers, electrical warning plates, end barriers, protective stops and test plugs to provide exactly what the application requires
- Operating instructions (printed on an adhesive label), for fixing inside a panel
- **Mini-blocks** available in rail-mount or panel-mount configurations

### Materials and Design Features

The 1492-L line is specially designed for safety, installation ease, and ruggedness. Features include:

- Tin-plated terminals and stainless steel spring clamps for resistance to corrosion and vibration
- Spring clamp design to minimize stress relaxation and maintain contact force, even under vibration
- Top wire entry for ease of installation
- Circuit testing with standard 2 mm diameter test probe or stackable test plugs on most spring-clamp blocks
- Insulation stops to ensure electrical connection when using smaller gauge wires
- Markers that are visible after terminal blocks are wired
- Multiple marking options
- Common profiles to minimize stocking of accessories
- Self-extinguishing, polyimide 6.6 housing materials with a flammability rating UL 94-V0 (1492-R terminal blocks have a UL 94-V2 flammability rating)
- Screwless center jumpers to simplify jumpering terminals together

**Note:** To ensure proper wire termination, these blocks are designed to accept only **one** wire per terminal.

www.ab.com/catalogs Preferred availability cat. nos. are **bold**.

# Spring-Clamp Connection Terminal Blocks

## Standard Feed-Through Blocks

	1492-L4				1492-L4T				1492-L4Q			
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.												
<b>Specifications</b>	<i>Feed-through terminal block</i>				<i>Feed-through terminal block with 3 connection points, 2 on one side</i>				<i>Feed-through terminal block with 2 connection points on each side</i>			
<b>Certifications</b>												
<b>Voltage Rating</b>	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC
<b>Maximum Current</b>	33 A	35 A	32 A	28 A	33 A	35 A	32 A	28 A	33 A	35 A	32 A	28 A
<b>Wire Range (Rated Cross Section)</b>	#26...10 AWG		4 mm <sup>2</sup>	4 mm <sup>2</sup> (20...10 AWG)	#26...10 AWG		4 mm <sup>2</sup>	4 mm <sup>2</sup> (20...10 AWG)	#26...10 AWG		4 mm <sup>2</sup>	4 mm <sup>2</sup> (20...10 AWG)
<b>Wire Strip Length</b>	0.47 in. (12 mm)				0.47 in. (12 mm)				0.47 in. (12 mm)			
<b>Density</b>	49 pcs/ft (163 pcs/m)				49 pcs/ft (163 pcs/m)				49 pcs/ft (163 pcs/m)			
<b>Housing Temperature Range</b>	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)			
<b>Short-Circuit Current Rating</b>	See page 12-78											
<b>Terminal Blocks</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>
<b>Color</b>	Grey	<b>1492-L4</b>	50		<b>1492-L4T</b>	50		<b>1492-L4Q</b>	50		<b>1492-L4Q-RE</b>	50
	Red	<b>1492-L4-RE</b>	50		<b>1492-L4T-RE</b>	50		<b>1492-L4Q-RE</b>	50		<b>1492-L4Q-B</b>	50
	Blue	<b>1492-L4-B</b>	50		<b>1492-L4T-B</b>	50		<b>1492-L4Q-B</b>	50		<b>1492-L4Q-BL</b>	50
	Black	<b>1492-L4-BL</b>	50		<b>1492-L4T-BL</b>	50		<b>1492-L4Q-BL</b>	50		<b>1492-L4Q-G</b>	50
	Green	<b>1492-L4-G</b>	50		<b>1492-L4T-G</b>	50		<b>1492-L4Q-G</b>	50		<b>1492-L4Q-Y</b>	50
	Yellow	<b>1492-L4-Y</b>	50		<b>1492-L4T-Y</b>	50		<b>1492-L4Q-Y</b>	50		<b>1492-L4Q-OR</b>	50
	Orange	<b>1492-L4-OR</b>	50		<b>1492-L4T-OR</b>	50		<b>1492-L4Q-OR</b>	50		<b>1492-L4Q-BR</b>	50
	Brown	<b>1492-L4-BR</b>	50		<b>1492-L4T-BR</b>	50		<b>1492-L4Q-BR</b>	50		<b>1492-L4Q-W</b>	50
	White	<b>1492-L4-W</b>	50		<b>1492-L4T-W</b>	50		<b>1492-L4Q-W</b>	50			
<b>Accessories</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>		<b>Cat. No.</b>	<b>Pkg Qty.</b>
<b>Mounting Rails</b>												
1 m Symmetrical DIN (Steel)		<b>199-DR1</b>	10		<b>199-DR1</b>	10		<b>199-DR1</b>	10		<b>199-DR1</b>	10
1 m Symmetrical DIN (Aluminum)		<b>1492-DR5</b>	10		<b>1492-DR5</b>	10		<b>1492-DR5</b>	10		<b>1492-DR5</b>	10
1 m Hi-Rise Sym. DIN (Aluminum)		<b>1492-DR6</b>	2		<b>1492-DR6</b>	2		<b>1492-DR6</b>	2		<b>1492-DR6</b>	2
1 m Angled Hi-Rise Sym. DIN (Steel)		<b>1492-DR7</b>	2		<b>1492-DR7</b>	2		<b>1492-DR7</b>	2		<b>1492-DR7</b>	2
<b>End Barriers</b>	Grey	<b>1492-EBL4</b>	50		<b>1492-EBL4T</b>	50		<b>1492-EBL4Q</b>	50		<b>1492-EBL4Q-B</b>	50
	Blue	<b>1492-EBL4-B</b>	50		<b>1492-EBL4T-B</b>	50		<b>1492-EBL4Q-B</b>	50		<b>1492-EBL4Q-Y</b>	50
	Yellow	<b>1492-EBL4-Y</b>	50		<b>1492-EBL4T-Y</b>	50		<b>1492-EBL4Q-Y</b>	50			
<b>End Anchors and Retainers</b>												
Screwless End Retainer		<b>1492-ERL35</b>	20		<b>1492-ERL35</b>	20		<b>1492-ERL35</b>	20		<b>1492-ERL35</b>	20
DIN Rail — Normal Duty		<b>1492-EAJ35</b>	100		<b>1492-EAJ35</b>	100		<b>1492-EAJ35</b>	100		<b>1492-EAJ35</b>	100
DIN Rail — Heavy Duty		<b>1492-EAHJ35</b>	50		<b>1492-EAHJ35</b>	50		<b>1492-EAHJ35</b>	50		<b>1492-EAHJ35</b>	50
<b>Jumpers:</b>												
Plug-in Center Jumper — 10-Pole		<b>1492-CJK6-10</b>	20		<b>1492-CJK6-10</b>	20		<b>1492-CJK6-10</b>	20		<b>1492-CJK6-10</b>	20
Plug-in Center Jumper — 9-Pole		<b>1492-CJK6-9</b>	20		<b>1492-CJK6-9</b>	20		<b>1492-CJK6-9</b>	20		<b>1492-CJK6-9</b>	20
Plug-in Center Jumper — 8-Pole		<b>1492-CJK6-8</b>	20		<b>1492-CJK6-8</b>	20		<b>1492-CJK6-8</b>	20		<b>1492-CJK6-8</b>	20
Plug-in Center Jumper — 7-Pole		<b>1492-CJK6-7</b>	20		<b>1492-CJK6-7</b>	20		<b>1492-CJK6-7</b>	20		<b>1492-CJK6-7</b>	20
Plug-in Center Jumper — 6-Pole		<b>1492-CJK6-6</b>	20		<b>1492-CJK6-6</b>	20		<b>1492-CJK6-6</b>	20		<b>1492-CJK6-6</b>	20
Plug-in Center Jumper — 5-Pole		<b>1492-CJK6-5</b>	20		<b>1492-CJK6-5</b>	20		<b>1492-CJK6-5</b>	20		<b>1492-CJK6-5</b>	20
Plug-in Center Jumper — 4-Pole		<b>1492-CJK6-4</b>	60		<b>1492-CJK6-4</b>	60		<b>1492-CJK6-4</b>	60		<b>1492-CJK6-4</b>	60
Plug-in Center Jumper — 3-Pole		<b>1492-CJK6-3</b>	60		<b>1492-CJK6-3</b>	60		<b>1492-CJK6-3</b>	60		<b>1492-CJK6-3</b>	60
Plug-in Center Jumper — 2-Pole		<b>1492-CJK6-2</b>	60		<b>1492-CJK6-2</b>	60		<b>1492-CJK6-2</b>	60		<b>1492-CJK6-2</b>	60
<b>Other Accessories</b>												
Reducing Sleeves #26...#24 AWG (0.13...0.2 mm <sup>2</sup> ) White		<b>1492-PSL4-2</b>	100		<b>1492-PSL4-2</b>	100		<b>1492-PSL4-2</b>	100		<b>1492-PSL4-2</b>	100
Reducing Sleeves #20...#22 AWG (0.25...0.5 mm <sup>2</sup> ) Grey		<b>1492-PSL4-5</b>	100		<b>1492-PSL4-5</b>	100		<b>1492-PSL4-5</b>	100		<b>1492-PSL4-5</b>	100
Reducing Sleeves #18 AWG (0.75...1.0 mm <sup>2</sup> ) Dark Grey		<b>1492-PSL4-10</b>	100		<b>1492-PSL4-10</b>	100		<b>1492-PSL4-10</b>	100		<b>1492-PSL4-10</b>	100
Test Plug		<b>1492-TP23</b>	20		<b>1492-TP23</b>	20		<b>1492-TP23</b>	20		<b>1492-TP23</b>	20
Test Plug (Stackable)		<b>1492-TPL6</b>	25		<b>1492-TPL6</b>	25		<b>1492-TPL6</b>	25		<b>1492-TPL6</b>	25
Electrical Warning Plate		<b>1492-EWPL6</b>	20		<b>1492-EWPL6</b>	20		<b>1492-EWPL6</b>	20		<b>1492-EWPL6</b>	20
<b>Marking Systems</b>												
Snap-In Marker Cards		<b>1492-M6X10</b> (120/card)	5		<b>1492-M6X10</b> (120/card)	5		<b>1492-M6X10</b> (120/card)	5		<b>1492-M6X10</b> (120/card)	5
Snap-In Marker Cards		<b>1492-M6X5</b> (200/card)	5		<b>1492-M6X5</b> (200/card)	5		<b>1492-M6X5</b> (200/card)	5		<b>1492-M6X5</b> (200/card)	5
Hinged Marker Cards		<b>1492-MH6X12</b> (80/card)	5		<b>1492-MH6X12</b> (80/card)	5		<b>1492-MH6X12</b> (80/card)	5		<b>1492-MH6X12</b> (80/card)	5

