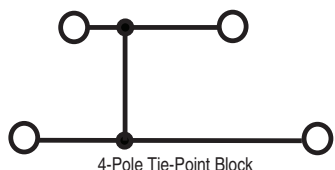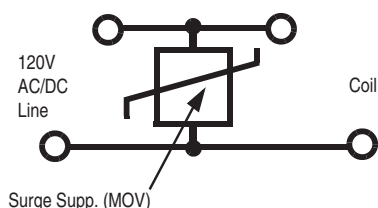**Tie-Point Block
(Cat. No. 1492-JD3C)**

Incorporates a shunt bar between the upper and lower current bars to provide a common point among all four terminals.

4-Pole Tie-Point Block

**Diode Block
(Cat. Nos. 1492-JD3DF, 1492-JD3DR)**

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.

1N4007

1N4007

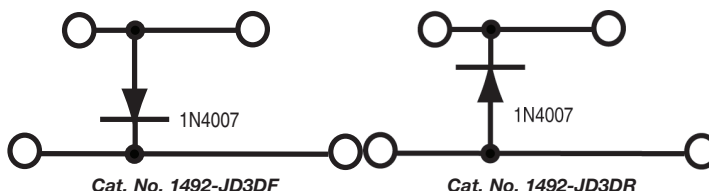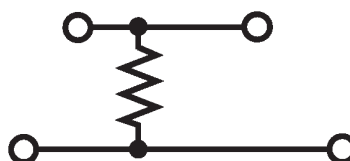*Cat. No. 1492-JD3DF*   *Cat. No. 1492-JD3DR*

Surge Suppression Block (Cat. No. 1492-JD3SS)

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

120V
AC/DC
Line

Coil

Surge Supp. (MOV)

**Resistor Block
(Cat. No. 1492-JD3RB, -JD3RC001)**

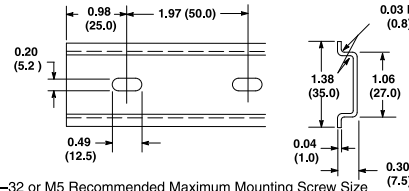Permits the introduction of a 10 Ω…4.75 MΩ resistor into a control circuit.
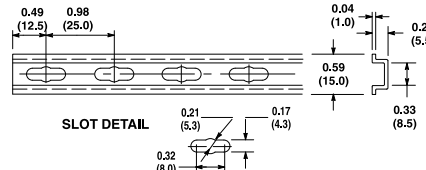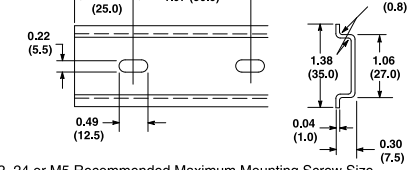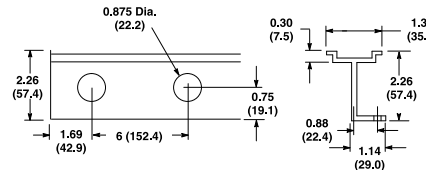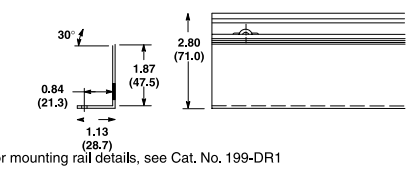
• **Return Blocks** that have both terminations on the same side of the terminal block allowing the rail to be mounted next to the wall of an enclosure
• **Plug-In Style Blocks** that allow the insertion of removable plugs into control circuits. Available plugs include a Disconnect Plug, a Fuse Plug, and a Component Plug which will accommodate various electrical components.
• **Thermocouple Terminal Blocks** (Types B, E, J, K, N, S, T) for temperature control applications
• A wide variety of **Snap-In Markers** for individual or group circuit identification
• Multi-pole insulated **Center Jumpers** which provide a convenient method of commoning control circuits

Materials and Design Features

The Bulletin 1492-J line is designed for safety, installation ease, and ruggedness. Features using these design criteria include the following:

• Tin-plated terminals and steel screws for corrosion resistance (Bulletin 1492-W terminal blocks have nickel-plated terminals and stainless steel screws)
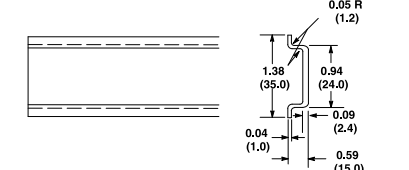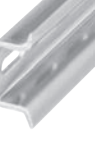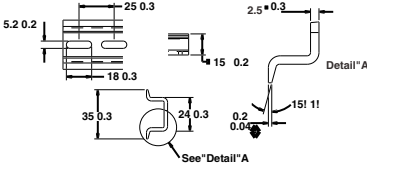• High copper content copper alloy for excellent conductivity
• Four-sided wire funnel guides for easy wire insertion
• Finger-safe housings to prevent accidental contact with live circuits
• International approvals for worldwide use
• DIN Rail (Cat. No. 199-DR1) mountability, allowing terminal blocks to be placed on the same channel as contactors, starters, relays, and other DIN Rail-mounted control devices
• Self-extinguishing, polyamide 6.6 housing material with UL 94-V0 flammability rating (Bulletin 1492-W terminal blocks have UL 94-V2 flammability rating)
• Backed out screws for fast wiring

12

Mounting rails allow many blocks to be fastened in a panel with only a few screws to anchor the rail to the panel. Mounting rails allow easy installation and removal of a block in a row.

Cat. No.	Description	Pkg Qty.	Dimensions∗
199-DR1	Symmetrical Rail 35 mm x 7.5 mm 3.28 ft (1 m) long Zinc-Plated Clear Chromated Steel EN60715 **DIN #3**	10	#10–32 or M5 Recommended Maximum Mounting Screw Size
199-DR2	Same as Cat. No. 199-DR1, but length = 2 m	20	
199-DR4	Heavy Duty Symmetrical Rail 35 mm x 15 mm 3.28 ft (1 m) long Zinc-Plated Clear Chromated Steel EN60715 **DIN #3**	5	
1492-DR3	Mini 15 mm x 5.5 mm Rail 3.28 ft (1 m) long Zinc-Plated Clear Chromated Steel EN60715 **DIN #2**	5	#8-3 2 or M4 Recommended Maximum Mounting Screw Size
1492-DR5	Symmetrical Rail 35 mm x 7.5 mm 3.28 ft (1 m) long Copper-Free Aluminum EN60715 For Bul. 1492 Terminal Blocks Only **DIN #3**	10	#12–24 or M5 Recommended Maximum Mounting Screw Size
❋ **1492-DR6**	Symmetrical Rail 35 mm x 7.5 mm 2.26 in. (57.4 mm) high 3.28 ft (1 m) long Copper-Free Aluminum For Bul. 1492 Terminal Blocks Only **DIN #3**	2	Wire insulator plug for wire access through rail — use Heyco UB875
❋ **1492-DR7**	Symmetrical Rail 35 mm x 7.5 mm 2.80 in. (71.0 mm) high 3.28 ft (1 m) long Angled 30° Zinc-Plated, Chromated Steel **DIN #3**	2	For mounting rail details, see Cat. No. 199-DR1
1492-DR8	Symmetrical Rail 35 mm x 15 mm 3.28 ft (1 m) long Copper EN60715 **DIN #3**	5	
‡ **1492-DR9**	Symmetrical Rail 35 mm x 15 mm 3.28 ft (1 m) long Zinc-Plated Clear Chromated Steel EN60715 **DIN #3**	5	

∗ Dimensions shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.
❋ 0.218 x 0.50 in. (5.5 x 12.7 mm) slotted mounting holes every 3 in. (76.2 mm) starting 1.69 in. (42.9 mm) from end.
‡ Dimensions in millimeters.