

Product Features

Allen-Bradley has developed a product line of Finger-Safe terminal blocks that falls in-between the open style NEMA/EEMAC terminal blocks and full function IEC style terminal blocks. Features of our Finger-Safe product line include:

- Compact size to accommodate up to 100 terminations per foot (328 per meter) using the 1492-HM2 design
- Recessed terminals for "Finger-Safe" protection
- All products are UL Component Recognized and CSA Certified, some are IEC Certified
- Factory shipped with backed out screws for ease of wiring
- All products offer multi-rail mounting feet
- 11 colors are available for easy circuit identification (H1, H2, HM1, HM2, and HM3)

Fuse Blocks and Isolation Switches

In addition to our standard multi-rail terminal blocks, Allen-Bradley offers a wide range of fusible terminal blocks and isolation switches. Fuse blocks are available in 3 styles for greater application requirements: 1/4" x 1-1/4" fuse size, 13/32" x 1-1/2" fuse size, and the 1492-UF3 which uses a 'GMT' type alarm fuse. Isolation switches are also available in 2 separate sizes for matching circuitry.

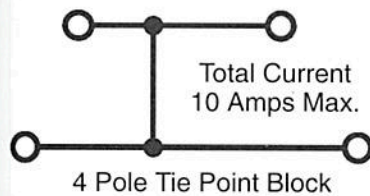
Special Component Terminal Blocks

Allen-Bradley offers a varied line of special component blocks for your unique control designs and applications. Product offerings include:

Tie-Point Block

Tie point block incorporates a shunt bar between the upper and lower current bars to provide a common point among all 4 terminals.

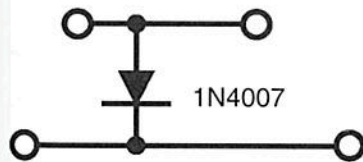
1492-HM2C



Diode Block

Diode block utilizes 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.

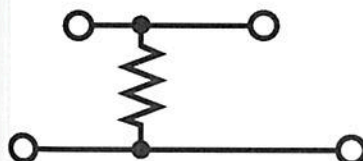
1492-HM2D



Resistor Block

Resistor blocks permit the introduction of a 1 Ohm to 100M Ohm resistor into a control circuit.

1492-HM2R



Finger-Safe Terminal Blocks

High Density

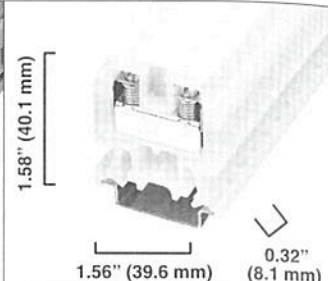
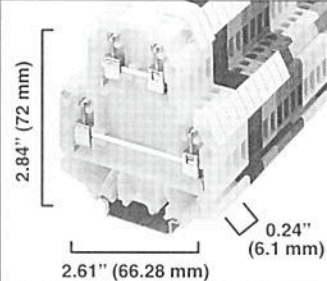
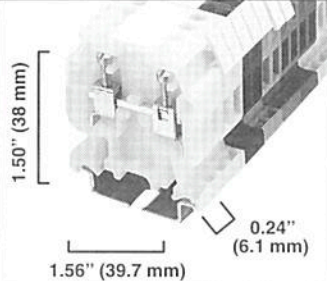
1492-HM1

1492-HM2

1492-HM3

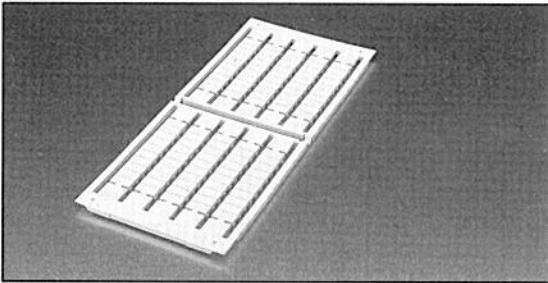
Dimensions are not intended for manufacturing purposes.

Note: Height dimension is measured from top of rail to top of terminal block.



Specifications					1492-HM1					1492-HM2					1492-HM3				
					Finger-Safe terminal block, single circuit, multi-rail mount.					Finger-Safe terminal block, two circuit, multi-rail mount.					Finger-Safe terminal block, single circuit, multi-rail mount.				
Approvals (See Page 12-6)					UL/CSA/IEC					UL/CSA/IEC					UL/CSA/IEC				
Voltage Rating					600V AC/DC					600V AC/DC					600V AC/DC				
Maximum Current					30A					24A [IEC: 30A]					55A [IEC: 57A]				
Wire Range (Rated Cross Section)					#30-#12 AWG (0.05-4 mm ²)					#30-#12 AWG (0.05-4 mm ²)					#22-#8 AWG (0.5-10 mm ²)				
Wire Strip Length					0.38" (9.7 mm)					0.38" (9.7 mm)					0.38" (9.7 mm)				
Recommended Tightening Torque					3-7 lb.-in. (0.3-0.8 Nm)					3-7 lb.-in. (0.3-0.8 Nm)					8-16 lb.-in. (0.9-1.8 Nm)				
Density					50 pcs./ft. (164/m)					50 pcs./ft. (164/m)					37 pcs./ft. (123/m)				
Insulation Temperature Range					-40°C to +105°C					-40°C to +105°C					-40°C to +105°C				
Terminal Blocks					Catalog No.	Pcs./Pkg.	*			Catalog No.	Pcs./Pkg.	*			Catalog No.	Pcs./Pkg.	*		
Colour:	White	1492-HM1	80							1492-HM2	50				1492-HM3	50			
	Gold	1492-HM1GL	80							1492-HM2GL	50				—	—			—
	Red	1492-HM1RE	80							1492-HM2RE	50				1492-HM3RE	50			
	Blue	1492-HM1B	80							1492-HM2B	50				1492-HM3B	50			
	Black	1492-HM1BL	80							1492-HM2BL	50				1492-HM3BL	50			
	Green	1492-HM1G	80							1492-HM2G	50				1492-HM3G	50			
	Yellow	1492-HM1Y	80							1492-HM2Y	50				1492-HM3Y	50			
	Brown	1492-HM1BR	80							1492-HM2BR	50				1492-HM3BR	50			
	Violet	1492-HM1VT	80							1492-HM2VT	50				1492-HM3VT	50			
	Gray	1492-HM1GY	80							1492-HM2GY	50				1492-HM3GY	50			
	Orange	1492-HM1OR	80							1492-HM2OR	50				1492-HM3OR	50			
Accessories					Catalog No.	Pcs./Pkg.	*			Catalog No.	Pcs./Pkg.	*			Catalog No.	Pcs./Pkg.	*		
Mounting Rails: (Details Page 12-144)					1492-N1	20				1492-N1	20				1492-N1	20			
3' Scored A-B Rail					1492-N22	20				1492-N22	20				1492-N22	20			
3' Rigid A-B Rail					1492-N44	2				1492-N44	2				1492-N44	2			
Standoff Brackets (use every 12")					1492-N25	2				1492-N25	2				1492-N25	2			
1 Meter Symmetrical DIN					199-DR1	10				199-DR1	10				199-DR1	5			
1 Meter Symmetrical DIN (alumin.)					1492-DR5	10				1492-DR5	10				1492-DR5	5			
1 Meter Hi-Rise Symmetrical DIN					1492-DR6	2				1492-DR6	2				1492-DR6	2			
1 Meter Angled Hi-Rise Sym. DIN					1492-DR7	2				1492-DR7	2				1492-DR7	2			
End Barrier: (Details Page 12-148)					1492-NM36	50				1492-NM40	50				1492-NM36	50			
End Anchors: (Details Page 12-146)					1492-N23	10				1492-N23	10				1492-N23	10			
A-B Rail — Heavy Duty					1492-N47	50				—	—				1492-N47	50			
A-B Rail — Retaining Clip — Light Duty					1492-N2	50				—	—				—	—			—
DIN Rail — Normal Duty					1492-EA35	50				1492-EA35	50				1492-EA35	50			
DIN Rail — Heavy Duty					1492-EAH35	50				1492-EAH35	50				1492-EAH35	50			
Jumpers: (Details Page 12-150)					1492-N42	50				1492-N42	50				—	—			—
2 Pole Uninsulated					1492-SJ6-10	10				1492-SJ6-10	10				1492-SJ8-10	5			
10 Pole Insulated					1492-N39	10				1492-N39	10				—	—			—
50 Pole Uninsulated					1492-SMN81	5				1492-SMN81	5				1492-SMN81	5			
Marking Systems: (See Page 12-155)					1492-SMN81	5				1492-SMN81	5				1492-SMN81	5			

MARKER CARDS



Catalog No.	Number of Labels/Card	*
1492-SM5X5	100	
1492-SM5X9	100	
1492-SM5X12	100	
1492-SM6X9	100	
1492-SM6X12	100	
1492-SM8X9	100	
1492-SM8X12	100	
1492-SMN81	100	
1492-SMN83	50	

IEC MARKING SYSTEMS



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MARKING SYSTEM HARDWARE

Description	Catalog No.	Pcs./ Pkg.	*
Plotter Starter Kit: Plotter & Cable Software Base Plate (6) IEC Spacers (6) SMN Spacers (6) SM5X5 Spacers	1492-PLTKIT	1	
Disposable Plotter Pen	1492-DISPEN	4	