

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.

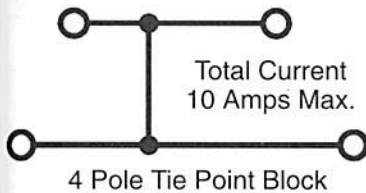
Special Component Terminal Blocks

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.

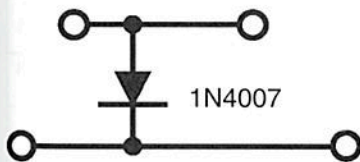
1492-HM2C



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.

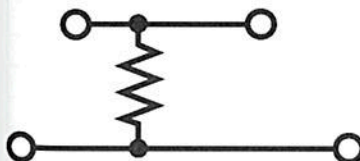
1492-HM2D



Resistor Block

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

1492-HM2R

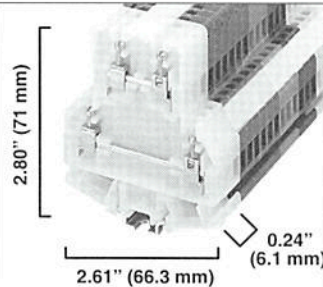
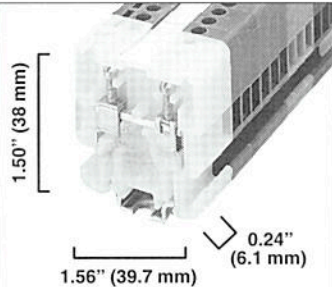


1492-H1

1492-H2

Dimensions are not intended for manufacturing purposes.

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



Specifications

Finger-Safe terminal block, single circuit, screw with pressure plate.

Finger-Safe terminal block, two circuit, screw with pressure plate.

Approvals (See Page 12-6)	UL/CSA	UL/CSA
Voltage Rating	600V AC/DC	600V AC/DC
Maximum Current	30A	24A
Wire Range (Rated Cross Section)	#30-#12 AWG (0.05-4 mm ²)	#30-#12 AWG (0.05-4 mm ²)
Wire Strip Length	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)
Density	50 pcs./ft. (164/m)	50 pcs./ft. (164/m)
Insulation Temperature Range	-40°C to +105°C	-40°C to +105°C

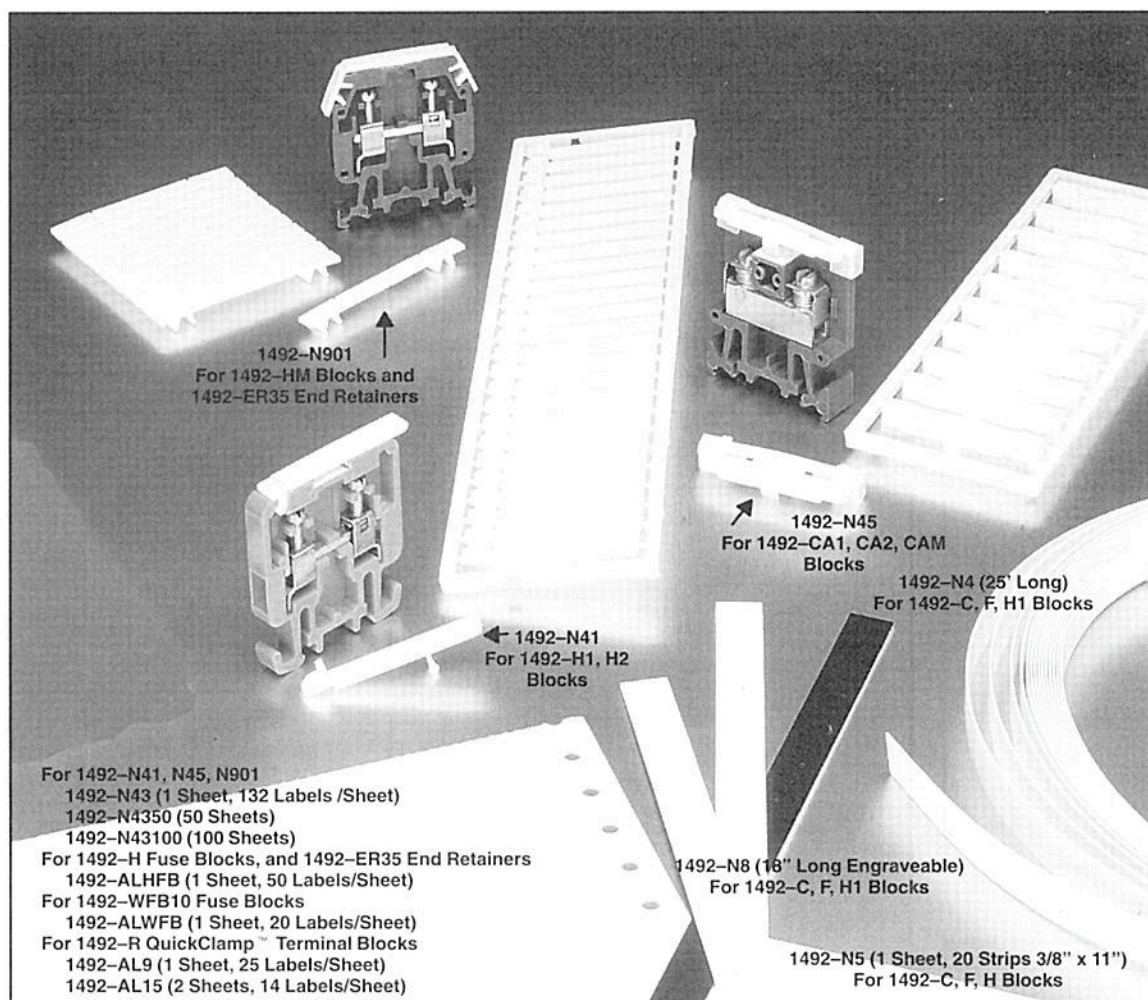
Terminal Blocks

	Catalog No.	Pcs./Pkg.	*	Catalog No.	Pcs./Pkg.	*
Colour:	White	1492-H1	80	1492-H2	50	
	Two 3' Rails White	1492-H1296 (148/Rail)	1	1492-H2148 (148/Rail)	1	
	Gold	1492-H1GL	80	1492-H2GL	50	
	Red	1492-H1RE	80	1492-H2RE	50	
	Blue	1492-H1B	80	1492-H2B	50	
	Black	1492-H1BL	80	1492-H2BL	50	
	Green	1492-H1G	80	1492-H2G	50	
	Yellow	1492-H1Y	80	1492-H2Y	50	
	Brown	1492-H1BR	80	1492-H2BR	50	
	Violet	1492-H1VT	80	1492-H2VT	50	
	Gray	1492-H1GY	80	1492-H2GY	50	
	Orange	1492-H1OR	80	1492-H2OR	50	

Accessories

	Catalog No.	Pcs./Pkg.	*	Catalog No.	Pcs./Pkg.	*
Mounting Rails: (Details Page 12-144)						
3' Scored A-B Rail	1492-N1	20		1492-N1	20	
3' Rigid A-B Rail	1492-N22	20		1492-N22	20	
3' High Rise A-B Rail	1492-N44	2		1492-N44	2	
Standoff Brackets (use every 12")	1492-N25	2		1492-N25	2	
1 Meter Symmetrical DIN	—	—	—	—	—	—
1 Meter Symmetrical DIN (alumin.)	—	—	—	—	—	—
1 Meter Hi-Rise Symmetrical DIN	—	—	—	—	—	—
1 Meter Angled Hi-Rise Sym. DIN	—	—	—	—	—	—
End Barrier: (Details Page 12-148)	1492-N36	50		1492-N40	50	
End Anchors: (Details Page 12-146)						
A-B Rail — Heavy Duty	1492-N23	10		1492-N23	10	
A-B Rail — Normal Duty	1492-N47	50		—	—	—
A-B Rail—Retaining Clip—Light Duty	1492-N2	50		—	—	—
DIN Rail — Normal Duty	—	—	—	—	—	—
DIN Rail — Heavy Duty	—	—	—	—	—	—
Jumpers: (Details Page 12-150)						
2 Pole Uninsulated	1492-N42	50		1492-N42	50	
10 Pole Insulated	1492-SJ6-10	10		1492-SJ6-10	10	
50 Pole Uninsulated	1492-N39	10		1492-N39	10	
Marking Systems: (See Page 12-154)	1492-N41	50		1492-N41	50	

MARKING SYSTEMS



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Note: The center and the corners of the 1492-R terminal blocks may be labelled using a 1492-MR9 marking rod, or 1492-AL9 label, or both. For maximum marking space, the 1492-MR15 can be used with or without the 1492-AL15 in the center of the block (this will cover the center jumper area).

Catalog No.	Pcs./ Pkg.	*
1492-N4	1	
1492-N5	1	
1492-N8	25	
1492-N41	50	
1492-N43	1	
1492-N4350	1	
1492-N43100	1	
1492-N45	20	
1492-N901	50	
1492-ALHFB	1	
1492-ALWFB	1	
1492-MR9 (Not Shown)	25	
1492-MR15 (Not Shown)	25	

