

Product Overview

Devices available in the Allen-Bradley NEMA/EEMAC* line include Terminal Blocks, Isolation Switch Blocks, and Fuse Blocks.

Terminal Blocks

Allen-Bradley NEMA/EEMAC terminal blocks are available in ten colors for easy circuit identification. Colors and suggested uses are:

- RED for AC Control Circuits
- BLUE for DC Control Circuits
- BLACK for AC/DC Power Circuits
- ORANGE for Data Collection Circuits
- GREEN for Ground Circuits
- YELLOW for Externally Fed Circuits (Interlocks)
- BROWN for Miscellaneous Circuits
- VIOLET/GREY to denote PLC Inputs and Outputs
- WHITE for Neutral Circuits

Most NEMA/EEMAC blocks are available preassembled on a breakaway mounting channel, complete with one end anchor, one retaining clip, and one end barrier.

Open Construction Terminal Blocks

Open construction blocks (Styles C and F) allow easy visual verification that the wire is properly positioned in the clamping area, and allows the use of a standard screwdriver for wiring. Style C and F blocks mount securely on Allen-Bradley rail.

Cat. No. 1492-CAM blocks also mount on DIN Rail. Several Style C blocks accept a snap-on marker for marking long wire identifications. All open construction blocks have:

- Tin-plated copper alloy connections for corrosion resistance
- A write-on marking surface for easy circuit identification
- Optional marking strips to make mass markings easier

Isolation Switch Blocks

- Allow easy, positive electrical circuit isolation
- Are available in both open and high density styles
- Feature a write-on marking surface for easy circuit identification

Fuse Blocks

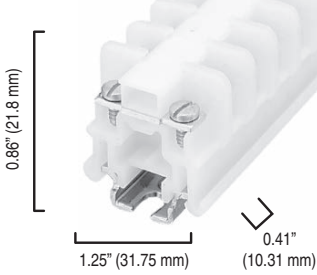
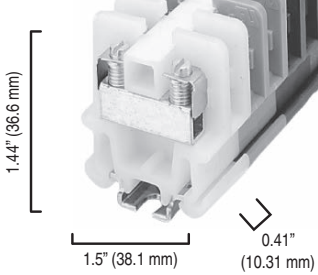
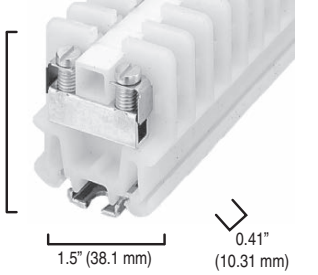
- Provides a simple way to add overcurrent protection into a circuit
- Can be used with the following fuse styles: 13/32 in. x 1-1/2 in., 1/4 in. x 1-1/4 in., and GMT-type alarm fuses. Blown fuse indicators are available on the 1/4 in. x 1-1/4 in. and 13/32 in. x 1-1/2 in. blocks. The indicator lights up when the fuse is blown, speeding troubleshooting. The GMT-type fuse block has a visual alarm flag that also acts as an output contact for an electrical signal when the fuse is blown.

UL and CSA File Numbers

NEMA/EEMAC Style Terminal Blocks have a 94-V2 flammability rating. The NEMA/EEMAC line is UL Recognized and CSA Certified.

- UL File Number E40735, Guide Number XCFR2
- UL File Number E34648, Guide Number IZLT2 (for Catalog Number 1492-CE6 only)
- CSA File Number LR67896, Class 6228-01

* **NEMA — National Electrical Manufacturer's Association**
EEMAC — Electrical and Electronic Manufacturer's Association of Canada

	1492-F8		1492-CA1		1492-CA1L	
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.						
	Terminal block, screw terminal with wire clamp.		Terminal block, tubular screw with pressure plate.		Terminal block, screw with large head, pressure plate.	
	UL/CSA		UL/CSA		UL/CSA	
	300V AC/DC		600V AC/DC		600V AC/DC	
Maximum Current	25 A		55 A		55 A	
Wire Range (Rated Cross Section)	#22...#14 AWG (0.5...2.5 mm ²)		#22...#8 AWG (0.5...10 mm ²)		#22...#8 AWG (0.5...10 mm ²)	
Wire Strip Length	0.25 in. (6.4 mm)		0.38 in. (9.7 mm)		0.38 in. (9.7 mm)	
Recommended Tightening Torque	6...14 lb•in (0.7...1.6 N•m)		8...16 lb•in (0.9...1.8 N•m)		8...16 lb•in (0.9...1.8 N•m)	
Density	30 pcs/ft (98 pcs/m)		30 pcs/ft (98 pcs/m)		30 pcs/ft (98 pcs/m)	
Insulation Temperature Range	-40...+221 °F (-40...+105 °C)		-40...+221 °F (-40...+105 °C)		-40...+221 °F (-40...+105 °C)	
Terminal Blocks	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Color: White	1492-F8	50	1492-CA1	50	1492-CA1L	50
Two 3 ft Rails White	1492-F8175 (88 pcs/rail)	1	1492-CA1175 (88 pcs/rail)	1	1492-CA1L175 (88 pcs/rail)	1
Red	1492-F8RE	50	1492-CA1RE	50	1492-CA1LRE	50
Blue	1492-F8B	50	1492-CA1B	50	1492-CA1LB	50
Black	1492-F8BL	50	1492-CA1BL	50	1492-CA1LBL	50
Green	1492-F8G	50	1492-CA1G	50	1492-CA1LG	50
Yellow	1492-F8Y	50	1492-CA1Y	50	1492-CA1LY	50
Brown	1492-F8BR	50	1492-CA1BR	50	1492-CA1LBR	50
Violet	1492-F8VT	50	1492-CA1VT	50	1492-CA1LVT	50
Grey	1492-F8GY	50	1492-CA1GY	50	1492-CA1LGY	50
Orange	1492-F1OR	50	1492-CA1OR	50	1492-CA1LOR	50
Accessories (page 12-109)	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.	Cat. No.	Pkg Qty.
Mounting Rails:						
A-B Rail	1492-N1	20	1492-N1	20	1492-N1	20
3 ft Rigid A-B Rail	1492-N22	20	1492-N22	20	1492-N22	20
3 ft High-Rise A-B Rail	1492-N44	2	1492-N44	2	1492-N44	2
Standoff Brackets (use every 12 in.)	1492-N25	2	1492-N25	2	1492-N25	2
End Barrier	1492-N18	50	1492-N16	50	1492-N16	50
End Anchors:						
A-B Rail	1492-N23	10	1492-N23	10	1492-N23	10
A-B Rail — Normal Duty	—	—	1492-N47	50	1492-N47	50
A-B Rail — Retaining Clip — Light Duty	1492-N2	50	1492-N2	50	1492-N2	50
Jumpers:						
2-pole Uninsulated	1492-N14	50	1492-N3	50	1492-N3	50
50-pole Uninsulated	—	—	1492-N30	50	1492-N30	50
Fanning Strip (12-pole can cut to desired length)	—	—	1492-N20	1	1492-N20	1
Marking Systems	* 1492-N5	1	1492-N45	20	1492-N45	20

* 1 sheet, 20 strips.