

NEMA/EEMAC Terminal Blocks

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 AllenBradley 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.

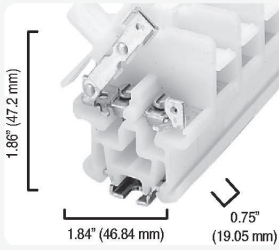
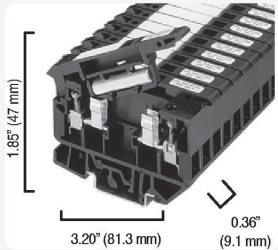
UL and CSA File Numbers

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

Open Construction Blocks

	1492-CE9		1492-H7	
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.				
Specifications	<i>Knife disconnect isolating terminal block with screw terminal and wire clamp.</i>		<i>High-density isolating terminal block with finger-safe terminals.</i>	
Approvals	UL/CSA		UL/CSA/CE	
Voltage Rating	600V AC/DC		300V AC/DC	
Maximum Current	10 A		15 A	
Wire Range (Rated Cross Section)	#22...#10 AWG (0.5...6 mm ²)		#30...#12 AWG (0.05...4 mm ²)	
Wire Strip Length	0.38 in. (9.7 mm)		0.38 in. (9.7 mm)	
Recommended Tightening Torque	10...16 lb-in. (1.1...1.8 N•m)		3...7 lb-in. (0.3...0.8 N•m)	
Fuse Size (Not Supplied)	–		1/4 in. x 1-1/4 in. Dummy Fuse (Supplied)	
Density	16 pcs./ft (52/m)		33 pcs./ft (108/m)	
Insulation Temperature Range	-40...+221 °F (-40...+105 °C)		-40...+221 °F (-40...+105 °C)	
Terminal Blocks	Cat. No.	Pcs./Pkg.	Cat. No.	Pcs./Pkg.
Terminal Block	1492-CE9	10	1492-H7	25
Accessories (Accessories)	Cat. No.	Pcs./Pkg.	Cat. No.	Pcs./Pkg.
Mounting Rails:				
A-B Rail	1492-N1	20	1492-N1	20
3 ft Rigid A-B Rail	1492-N22	20	1492-N22	20
3 ft High-Rise A-B Rail	1492-N44	2	1492-N44	2
Standoff Brackets (use every 12 in.)	1492-N25	2	1492-N25	2
1 m Symmetrical DIN	–	–	199-DR1	10
1 m Symmetrical DIN (Aluminum)	–	–	1492-DR5	10
1 m Hi-Rise Sym. DIN (Aluminum)	–	–	1492-DR6	2
1 m Angled Hi-Rise Sym. DIN (Steel)	–	–	1492-DR7	2
End Barrier	1492-N17	50	1492-N37	50
End Anchors:				
A-B Rail	1492-N23	10	1492-N23	10
A-B Rail – Normal Duty	1492-N47	50	1492-N47	50
DIN Rail – Normal Duty	–	–	1492-EA35	50
DIN Rail – Heavy Duty	–	–	1492-EAH35	10
Side Jumpers:				
Side Jumper – 10-pole Uninsulated	–	–	1492-N49	10
	–	–	–	–
Fanning Strip (12-pole can cut to desired length)	–	–	1492-SJS	10
Marking Systems	–	–	1492-MS8X12 (56/sheet)	5

Fuse Blocks