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

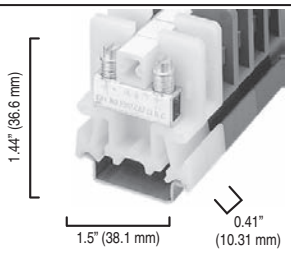
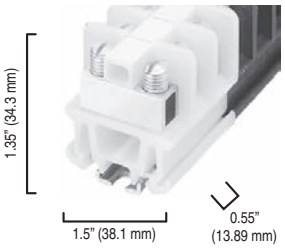
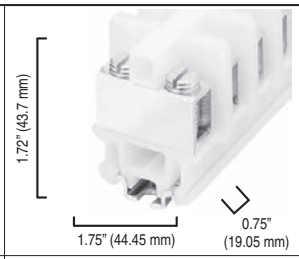
- Provides a simple way to add overcurrent protection into a circuit
- Can be used with the following fuse styles: 13/32 in. x 1-1/2 in., 1/4 in. x 1-1/4 in., and GMT-type alarm fuses. Blown fuse indicators are available on the 1/4 in. x 1-1/4 in. and 13/32 in. x 1-1/2 in. blocks. The indicator lights 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-CAM2	1492-CD2	1492-CE2
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	*Terminal block, tubular screw without pressure plate, multi-rail mountable.*	*Terminal block, tubular screw without pressure plate.*	*Terminal block, tubular screw without pressure plate.*
Certifications	cULus/CSA	cULus/CSA	cULus/CSA
Voltage Rating	600V AC/DC	600V AC/DC	600V AC/DC
Maximum Current	55 A	100 A	195 A
Wire Range (Rated Cross Section)	#18…#8 AWG (1…10 mm²)	#14…#4 AWG (2.5…25 mm²)	#12…#1/0 AWG (4…50 mm²)
Wire Strip Length	0.38 in. (9.7 mm)	0.44 in. (11.2 mm)	0.69 in. (17.5 mm)
Recommended Tightening Torque	10…16 lb•in (1.1…1.8 N•m)	22…30 lb•in (2.5…3.4 N•m)	50 lb•in (5.6 N•m)
Density	30 pcs/ft (98 pcs/m)	22 pcs/ft (72 pcs/m)	16 pcs/ft (52 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-CAM2**	50	**1492-CD2**	50	**1492-CE2**	10
Two 3 ft Rails White	—	—	**1492-CD2130**(65/Rail)	1	—	—
Red	1492-CAM2RE	50	1492-CD2RE	50	1492-CE2RE	10
Blue	1492-CAM2B	50	1492-CD2B	50	1492-CE2B	10
Black	1492-CAM2BL	50	1492-CD2BL	50	1492-CE2BL	10
Green	1492-CAM2G	50	**1492-CD2G**	50	**1492-CE2G**	10
Yellow	1492-CAM2Y	50	1492-CD2Y	50	1492-CE2Y	10
Brown	1492-CAM2BR	50	1492-CD2BR	50	1492-CE2BR	10
Violet	1492-CAM2VT	50	1492-CD2VT	50	1492-CE2VT	10
Grey	1492-CAM2GY	50	1492-CD2GY	50	1492-CE2GY	10
Orange	1492-CAM2OR	50	1492-CD2OR	50	1492-CE2OR	10
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
Standoff Brackets (use every 12 in.)	**1492-N25**	2	**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-NM16**	50	**1492-N16**	50	**1492-N17**	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	**1492-N47**	50
A-B Rail — Retaining Clip — Light Duty	**1492-N2**	50	—	—	—	—
DIN Rail — Normal Duty	**1492-EAJ35**	100	—	—	—	—
DIN Rail — Heavy Duty	**1492-EAHJ35**	50	—	—	—	—
Jumpers: 2-pole Uninsulated	**1492-N3**	50	—	—	**1492-N21**	10
50-pole Uninsulated	**1492-N30**	10	—	—	—	—
Fanning Strip (12-pole can cut to desired length)	**1492-N20**	1	—	—	—	—
Marking Systems	**1492-N45**	20	**1492-N8**	25	**1492-N45**	25

Short-Circuit Current Ratings — Fuse Ratings

Cat. No.	Wire CU AWG		Overcurrent Protection Fuse Required Class/Max. Amp Rating						Maximum Voltage	SCCR, RMS SYM [A]
	Line	Load	J	T	RK1	RK5	G	CC		
1492-CAM1	14…8	14…8	60	60	30	—	50	30	600	100,000
1492-CD2	14…4	14…4	100	100	60	30	60	30	600	100,000
1492-CE2	12…1/0	12...1/0	100	100	60	30	60	30	600	100,000

NEMA Terminal Block Accessories

1492-N26		1492-N32		1492-N27		1492-N28		1492-N29	
									
External Mounting Feet		Internal Mounting Feet		Side Plate Extensions		18 in Bridge		12 in Bridge	
Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity	Cat. No.	Pkg. Quantity
1492-N26	1 Kit	**1492-N32**	1 Kit	**1492-N27**	1 Kit	**1492-N28**	1	1492-N29	1

Description — Stacking bridges are used with Style C, F, and H rail-mounted terminal blocks. They are designed to save panel space and increase terminal accessibility. Stacking bridge kits allow stacking of up to four terminal block strips. A stacking bridge consists of mounting feet, side plate extensions, and 12 in. or 18. in bridges.

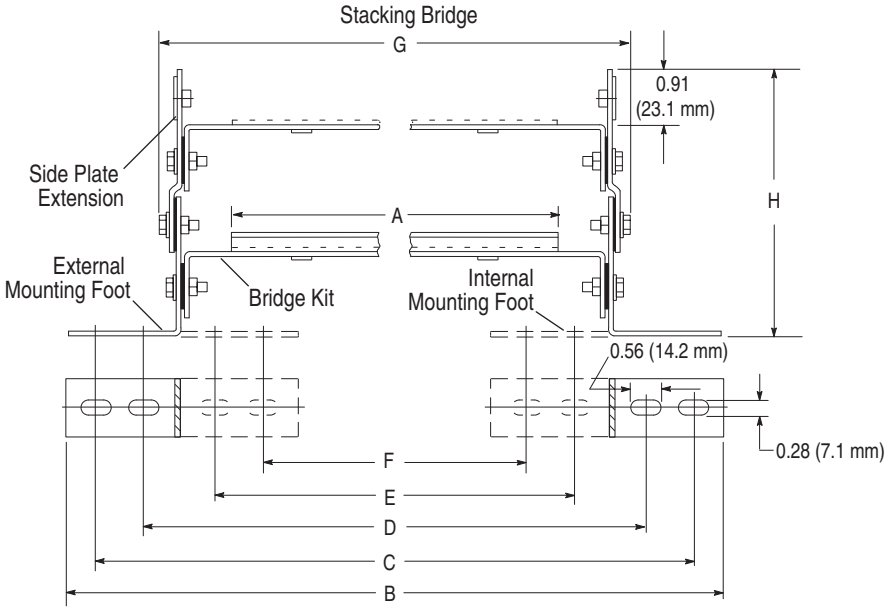
Note: **Rigid mounting rail is attached to the bridge.** Five kits are available to custom build stacking bridges as listed in the above table. **Fuse blocks, disconnect blocks, large Style C terminal blocks (Cat. No. 1492-CE2) and circuit breakers should only be mounted on the upper-most bridge of any assembly.**

Ordering Example — A typical ordering example for a **Two-Level 18 in. Stacking Bridge** is as follows:

- One **Cat. No. 1492-N26** or **1492-N32** mounting foot kit.
- One **Cat. No. 1492-N27** side plate extension kit, and two **Cat. No. 1492-N28** 18 in bridges.

Both 12 in. and 18 in. stacking bridges are built in this manner with up to four levels maximum.

Stacking Bridge

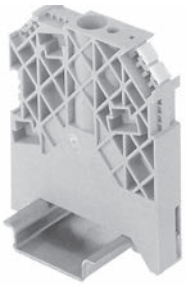


Stacking Bridge Size	A	B	C	D	E	F	G	H No. of Levels 1	2	3	4
12 in.	12.06 (306.3)	18.06 (458.7)	17 (431.8)	15.19 (385.8)	12.69 (322.3)	10.97 (278.6)	14.53 (369.1)	2.34 (59.5)	4.50 (114.3)	6.63 (168.4)	8.78 (223.0)
18 in.	18.63 (473.2)	24.06 (611.1)	23 (584.2)	21.19 (538.2)	18.69 (474.7)	16.97 (431.0)	20.53 (521.5)	2.34 (59.5)	4.50 (114.3)	6.63 (168.4)	8.78 (223.0)

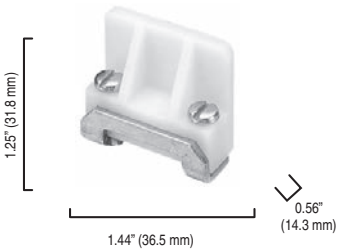
Note: Dimensions in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

End Anchors

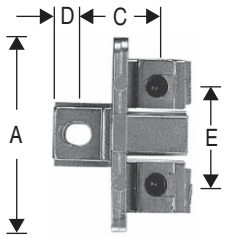
1492-EAHJ35



1492-N23

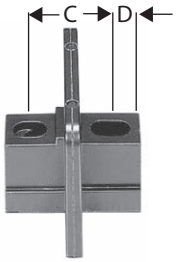


1492-15A, 1492-25A



A = Width
B = Height

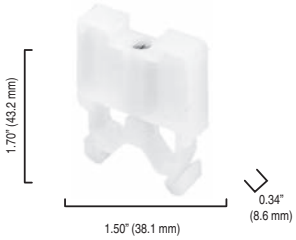
1492-15E, 1492-25E



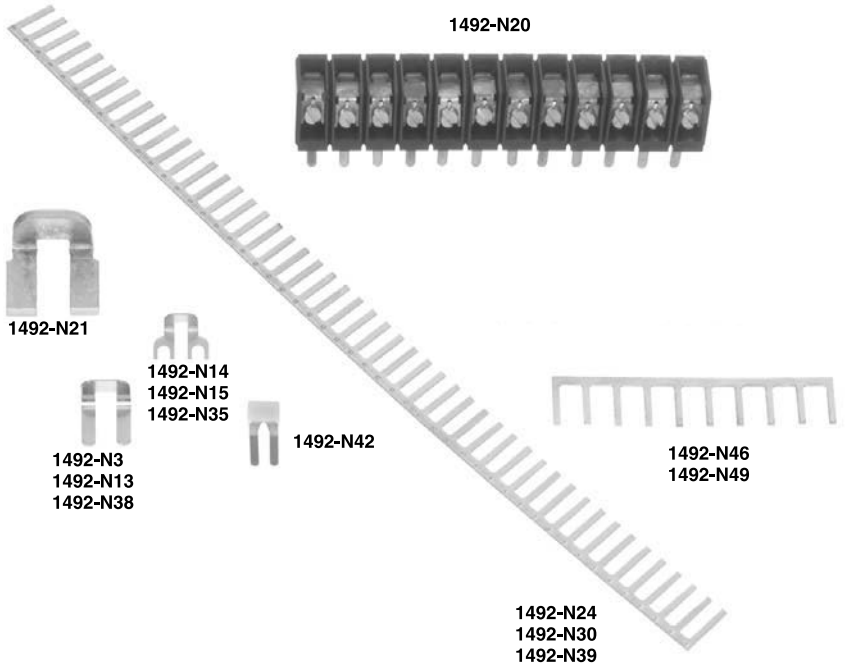
A = Width
B = Height

1492-N2

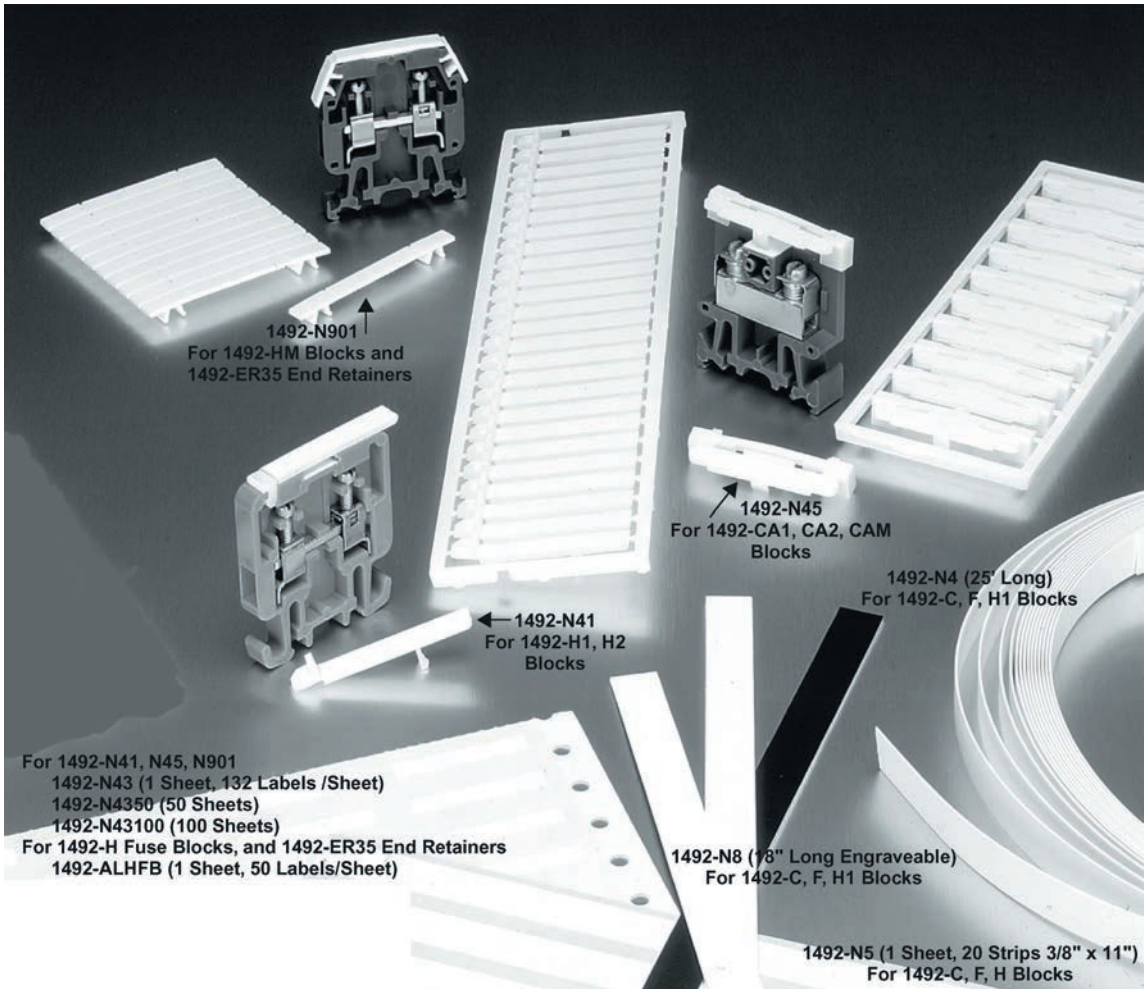
1492-N47



Cat. No.	A	B	C	D	E
1492-15A	1.5 in. (38.1 mm)	1.03 in. (26.2 mm)	0.594 in. (15.1 mm)	0.234 in. (5.9 mm)	0.75 in. (19.1 mm)
1492-15E	1.5 in. (38.1 mm)	1.03 in. (26.2 mm)	0.594 in. (15.1 mm)	0.234 in. (5.9 mm)	—
1492-25A	1.88 in. (47.8 mm)	1.19 in. (30.2 mm)	0.688 in. (17.5 mm)	0.203 in. (5.2 mm)	0.97 in. (24.6 mm)
1492-25E	1.88 in. (47.8 mm)	1.19 in. (30.2 mm)	0.688 in. (17.5 mm)	0.234 in. (5.9 mm)	—



∗ The 1492-SJS Insulating Sleeve reduces exposure to live parts on the 1492-N39 and 1492-N49. The 1492-SJS used with the 1492-N39 and 1492-H1 or 1492-HM1 provides IEC 947 IP2X finger protection.



Cat. No. 1492-N901 For 1492-HM Blocks and 1492-ER35 End Retainers

Cat. No. 1492-N45 For 1492-CA1, CA2, CAM Blocks

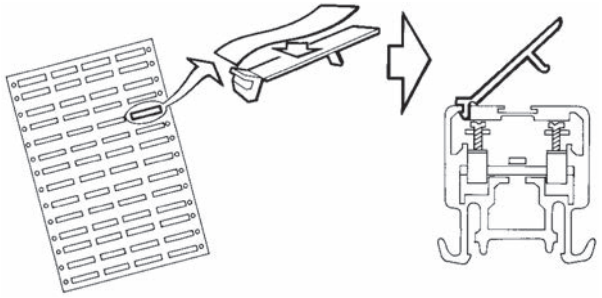
Cat. No. 1492-N41 For 1492-H1, H2 Blocks

Cat. No. 1492-N8 (18 in. Long Engraveable) For 1492-C, F, H1 Blocks

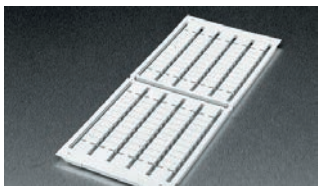
For Cat. Nos. 1492-N41, N45, N901
Cat. No. 1492-N43 (1 Sheet, 132 Labels /Sheet)
Cat. No. 1492-N4350 (50 Sheets)
Cat. No. 1492-N43100 (100 Sheets)
For Cat. Nos. 1492-H Fuse Blocks, and 1492-ER35 End Retainers
Cat. No. 1492-ALHFB (1 Sheet, 50 Labels/Sheet)

Cat. No. 1492-N5 (1 Sheet, 20 Strips 3/8 in x 11 in) For 1492-C, F, H Blocks

Placement of Label on Holder



Marker Cards



Cat. No.	No. of Labels/Card
1492-MS8X12	70
1492-MN81	—
1492-MN83	—

Cat. No.	Pkg Qty.
1492-ALHFB	1
1492-ALWFB	1
1492-N4	1
1492-N5	1
1492-N8	25
1492-N41	50
1492-N43	1
1492-N45	20
1492-N901	50
1492-N4350	1
1492-N43100	1