

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

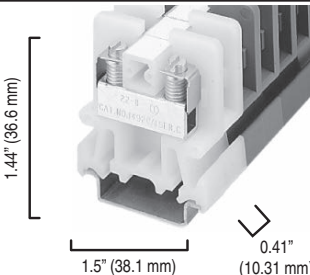
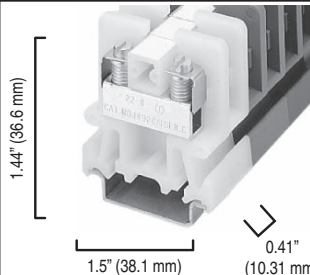
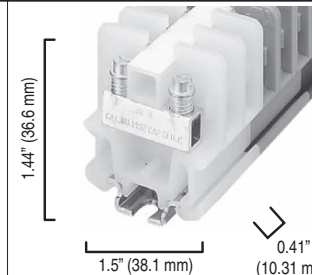
NEMA/EEMAC Style Terminal Blocks have a 94-V2 flammability rating. The NEMA/EEMAC line is UL Recognized and CSA Certified.

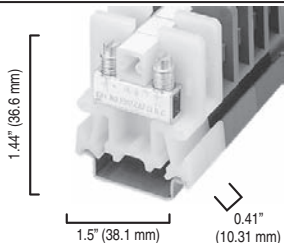
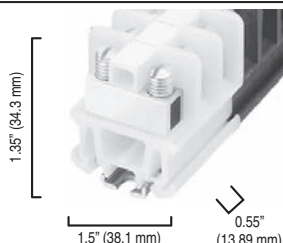
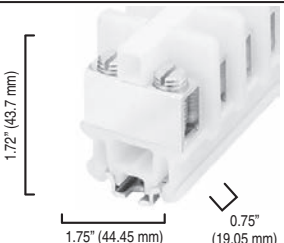
- UL File Number E40735, Guide Number XCFR2
- UL File Number E34648, Guide Number IZLT2 (for Catalog Number 1492-CE6 only)
- CSA File Number LR67896, Class 6228-01

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

NEMA/EEMAC Terminal Blocks

Open Construction Blocks

	1492-CAM1		1492-CAM1L		1492-CA2	
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, tubular screw with pressure plate, multi-rail mountable.		Terminal block, screw with large head, pressure plate, multi-rail mountable.		Terminal block, tubular screw without pressure plate.	
	Certifications 		Certifications 		Certifications 	
	600V AC/DC		600V AC/DC		600V AC/DC	
Maximum Current	55 A		55 A		55 A	
Wire Range (Rated Cross Section)	#22...#8 AWG (0.5...10 mm ²)		#22...#8 AWG (0.5...10 mm ²)		#18...#8 AWG (1...10 mm ²)	
Wire Strip Length	0.38 in. (9.7 mm)		0.38 in. (9.7 mm)		0.38 in. (9.7 mm)	
Recommended Tightening Torque	8...16 lb•in (0.9...1.8 N•m)		8...16 lb•in (0.9...1.8 N•m)		10...16 lb•in (1.1...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-CAM1	50	1492-CAM1L	50	1492-CA2	50
Two 3 ft Rails White	—	—	—	—	1492-CA2175(88/Rail)	1
Red	1492-CAM1RE	50	1492-CAM1LRE	50	1492-CA2RE	50
Blue	1492-CAM1B	50	1492-CAM1LB	50	1492-CA2B	50
Black	1492-CAM1BL	50	1492-CAM1LBL	50	1492-CA2BL	50
Green	1492-CAM1G	50	1492-CAM1LG	50	1492-CA2G	50
Yellow	1492-CAM1Y	50	1492-CAM1LY	50	1492-CA2Y	50
Brown	1492-CAM1BR	50	1492-CAM1LBR	50	1492-CA2BR	50
Violet	1492-CAM1VT	50	1492-CAM1LVT	50	1492-CA2VT	50
Grey	1492-CAM1GY	50	1492-CAM1LGY	50	1492-CA2GY	50
Orange	1492-CAM1OR	50	1492-CAM1LOR	50	1492-CA2OR	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
Standoff Brackets (use every 12 in.)	1492-N25	2	1492-N25	2	1492-N25	2
1 m Symmetrical DIN	199-DR1	10	199-DR1	10	—	—
1 m Symmetrical DIN (Aluminum)	1492-DR5	10	1492-DR5	10	—	—
1 m Hi-Rise Sym. DIN (Aluminum)	1492-DR6	2	1492-DR6	2	—	—
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7	2	1492-DR7	2	—	—
End Barrier	1492-NM16	50	1492-NM16	50	1492-NM16	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	1492-N2	50	1492-N2	50
DIN Rail — Normal Duty	1492-EAJ35	100	1492-EAJ35	100	—	—
DIN Rail — Heavy Duty	1492-EAHJ35	50	1492-EAHJ35	50	—	—
Jumpers:						
2-pole Uninsulated	1492-N3	50	1492-N3	50	1492-N3	50
50-pole Uninsulated	1492-N30	10	1492-N30	10	1492-N30	10
Fanning Strip (12-pole can cut to desired length)	1492-N20	1	1492-N20	1	1492-N20	1
Marking Systems	1492-N45	20	1492-N45	20	1492-N45	20

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.						
	<i>Terminal block, tubular screw without pressure plate, multi-rail mountable.</i>		<i>Terminal block, tubular screw without pressure plate.</i>		<i>Terminal block, tubular screw without pressure plate.</i>	
	UL/CSA 600V AC/DC 55 A #18...#8 AWG (1...10 mm ²) 0.38 in. (9.7 mm) 10...16 lb•in (1.1...1.8 N•m) 30 pcs/ft (98 pcs/m) -40...+221 °F (-40...+105 °C)		UL/CSA 600V AC/DC 100 A #14...#4 AWG (2.5...25 mm ²) 0.44 in. (11.2 mm) 22...30 lb•in (2.5...3.4 N•m) 22 pcs/ft (72 pcs/m) -40...+221 °F (-40...+105 °C)		UL/CSA 600V AC/DC 195 A #12...#1/0 AWG (4...50 mm ²) 0.69 in. (17.5 mm) 50 lb•in (5.6 N•m) 16 pcs/ft (52 pcs/m) -40...+221 °F (-40...+105 °C)	
	Specifications		Specifications		Specifications	
Certifications	UL/CSA		UL/CSA		UL/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 mm ²)		#14...#4 AWG (2.5...25 mm ²)		#12...#1/0 AWG (4...50 mm ²)	
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

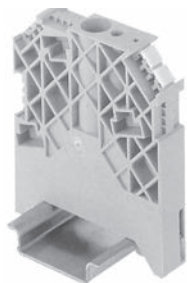
Maximum number of multiple wire connections for copper conductors of the same cross-section and type for Allen-Bradley IEC Terminal Blocks. Cat. Nos. 1492-J and L products are all recommended for one conductor per terminal. Wire range is defined in the cat. page for each of the products.

In general, accessories for terminal blocks are not eligible for recognition by UL, CSA, or other third party approval agencies. The suitability of the installation must be judged in the end use application due to the wide variety of possible uses. However, accessories are designed to meet, and are tested to, the terminal block assembly requirements such as electrical spacings, etc.

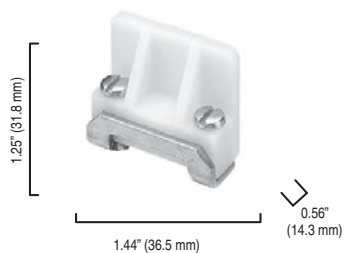
Cat. No.	Wire Size [AWG]																		
	#30	#28	#26	#24	#22	#20	#18	#16	#14	#12	#10	#8	#6	#4	#2	#1	1/0	2/0	3/0
	Number of the Same Size Wires Per Terminal																		
1492-CA1	—	—	—	—	4	4	4	3	2	2	1	1	—	—	—	—	—	—	—
1492-CAM1	—	—	—	—	4	4	4	3	2	2	1	1	—	—	—	—	—	—	—
1492-H4	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-H5	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-H6	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-H7	1	1	1	1	4	4	3	2	2	1	1	—	—	—	—	—	—	—	—
1492-HM3	—	—	—	—	4	4	4	3	2	2	1	1	—	—	—	—	—	—	—
1492-J10	—	—	—	—	4	4	4	4	3	2	1	1	1	—	—	—	—	—	—
1492-J16	—	—	—	—	—	—	1	4	4	3	2	1	1	1	—	—	—	—	—
1492-J2Q	—	—	4	4	4	3	1	1	1	1	—	—	—	—	—	—	—	—	—
1492-J3	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J35	—	—	—	—	—	—	—	—	3	3	3	2	2	1	1	1	1	—	—
1492-J3F	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3P	4	4	4	4	3	3	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3TW (single side)	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-J3TW (twin side)	—	—	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—	—
1492-J4	—	—	—	—	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J4CTB	—	—	1	1	4	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J4Q	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J4TW	1	1	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-J50	—	—	—	—	—	—	—	—	—	—	1	2	2	1	1	1	1	—	—
1492-J6	—	—	—	—	4	4	3	3	3	2	1	1	—	—	—	—	—	—	—
1492-J70	—	—	—	—	—	—	—	—	5	5	5	2	2	2	1	1	1	1	1
1492-JC3	—	—	4	4	4	3	1	1	1	1	—	—	—	—	—	—	—	—	—
1492-JD3	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3DF	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3DR	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3F	4	4	4	4	4	4	3	1	1	1	—	—	—	—	—	—	—	—	—
1492-JD3FB	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JD3PSS	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JD3PSSTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JD3PTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JD3RB***	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3RC001	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD3SS	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JD4	—	—	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JD4C	—	—	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—
1492-JDC3	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JDG3	4	4	4	4	4	4	3	2	2	1	—	—	—	—	—	—	—	—	—
1492-JDG3FB	4	4	4	4	4	4	3	3	2	1	—	—	—	—	—	—	—	—	—
1492-JDG3P	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG3PSS	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG3PSSTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG3PTP	—	—	—	—	4	4	3	2	1	1	—	—	—	—	—	—	—	—	—
1492-JDG4	—	—	1	1	1	4	3	3	2	1	1	—	—	—	—	—	—	—	—

End Anchors

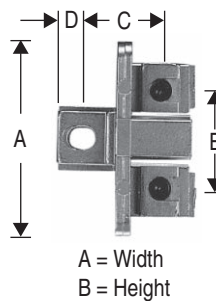
1492-EAHJ35



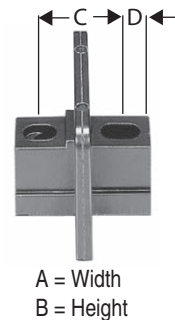
1492-N23



1492-15A, 1492-25A



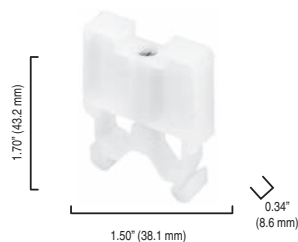
1492-15E, 1492-25E



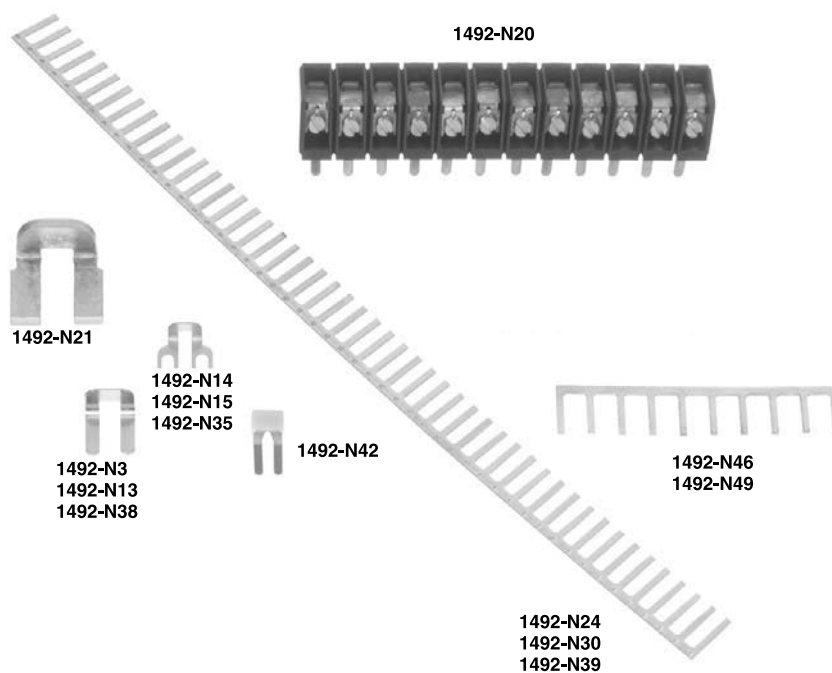
1492-N2



1492-N47

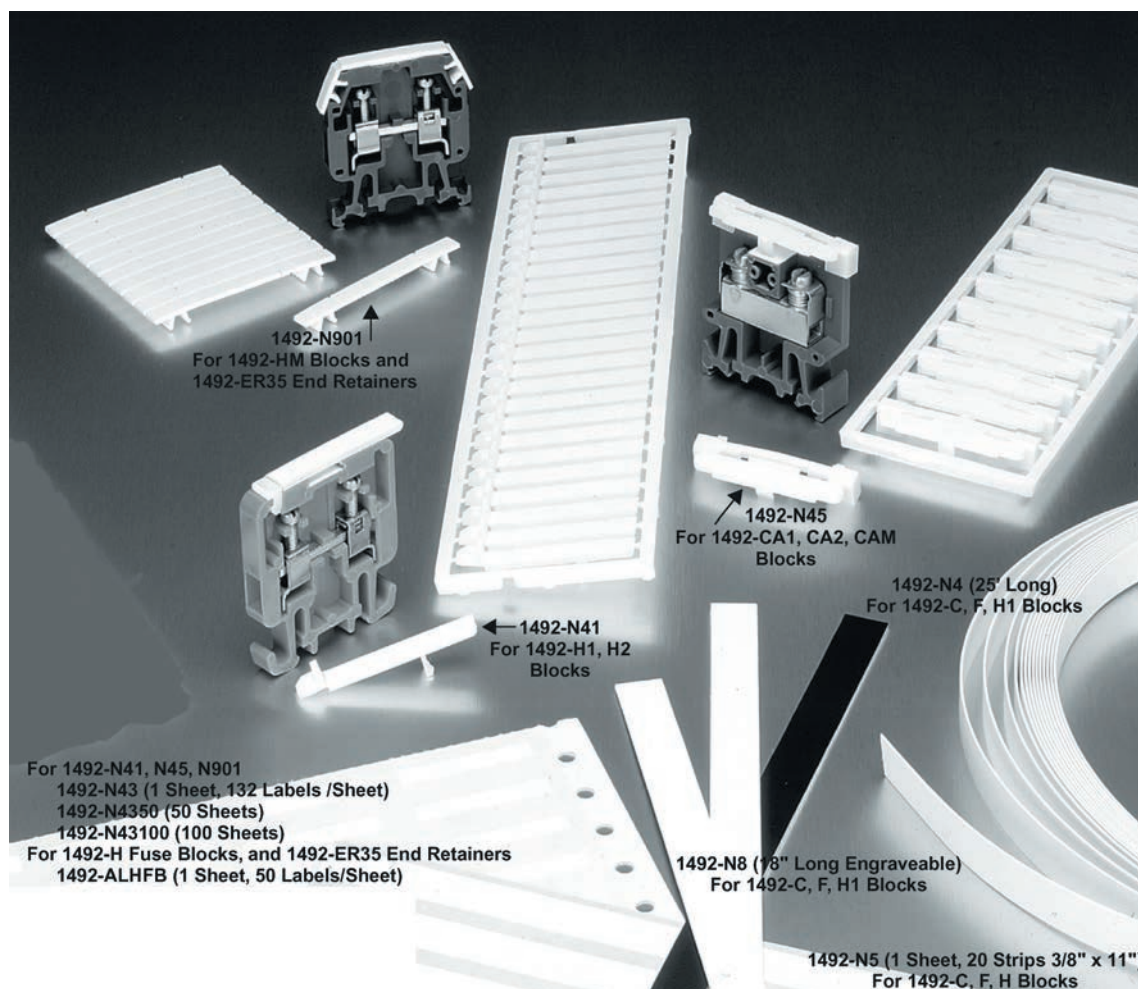


Cat. No.	A	B	C	D	E
1492-15A	1.5 in. (38.1 mm)	1.03 in. (26.2 mm)	0.594 in. (15.1 mm)	0.234 in. (5.9 mm)	0.75 in. (19.1 mm)
1492-15E	1.5 in. (38.1 mm)	1.03 in. (26.2 mm)	0.594 in. (15.1 mm)	0.234 in. (5.9 mm)	—
1492-25A	1.88 in. (47.8 mm)	1.19 in. (30.2 mm)	0.688 in. (17.5 mm)	0.203 in. (5.2 mm)	0.97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

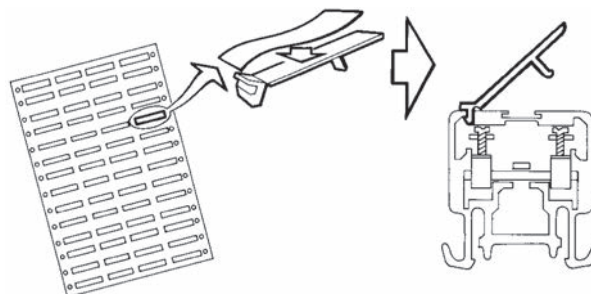
Cat. No. 1492-N43100 (100 Sheets)

For Cat. Nos. 1492-H Fuse Blocks, and 1492-ER35 End Retainers

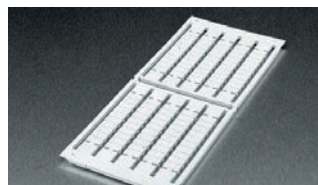
Cat. No. 1492-ALHFB (1 Sheet, 50 Labels/Sheet)

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



Allen-Bradley

www.ab.com/catalogs Preferred availability cat. nos. are **bold**.

Publication A117-CA001A-EN-P