

Modular Ferrule Fuse Blocks for Class J Fuses



Description

JM Series for use with Class J fuses JHL & JDL

Mounting

35mm DIN rail or panel mount

Specifications

Materials:

Base – Thermoplastic

Terminals – Tin-plated copper brass

Covers – Thermoplastic

Screws and pressure plates – Zinc-plated steel

SCCR: 200kA

Flammability rating:

Blocks – UL 94V0, self-extinguishing

Covers – UL 94HB, self-extinguishing

Operating and storage temp range:

Blocks – -40° to 120°C [-40° to 248°F]

Covers – indicating -20° to 90°C [-4° to 194°F]
non-indicating -40° to 120°C [-40° to 248°F]

Wire:

Cu – 75°/90°C [167°/194°F]

Al – 75°C [167°F]

Ring or Fork terminal to fit a #10-32 screw

Agency Approvals

Fuse Blocks

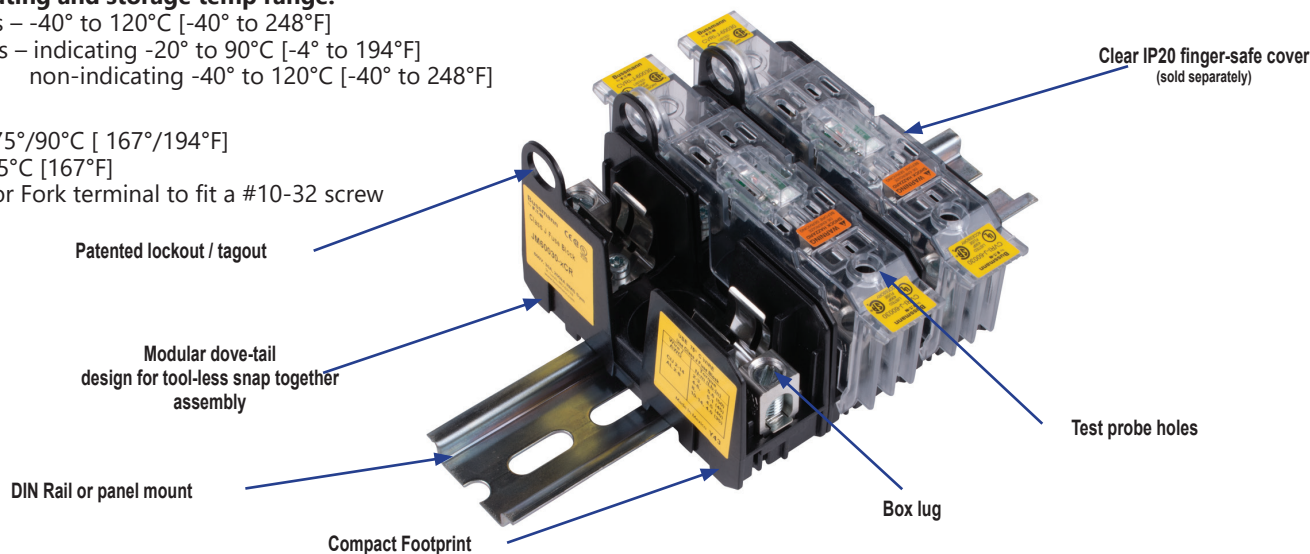
- UL® Listed E14853 - IZLT
- CSA® Certified 47235-6225-01
- CE
- RoHS Compliant
- Conflict mineral free
- REACH Compliant

Covers

- Covers are included in the overall UL Listing/Recognition and CSA Certification
- IP20 finger-safe
- RoHS compliant
- REACH Compliant



To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



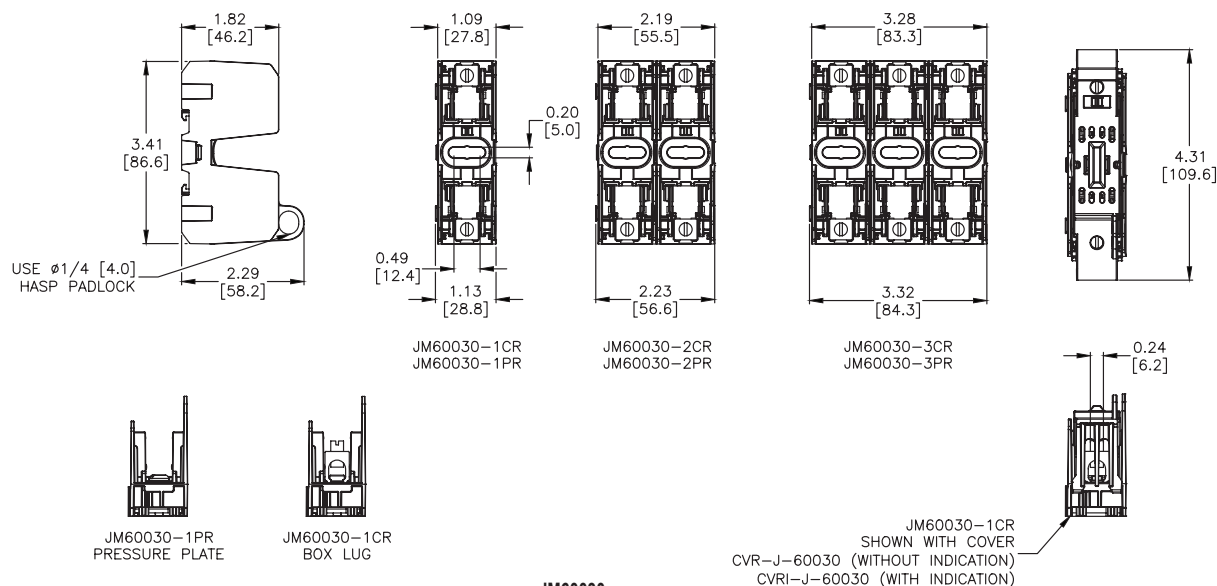
Modular Ferrule Fuse Blocks for Class J Fuses													
Type	Part Number	Pc/ pkg	Price	Volts	Amps	Poles	Wire Range		Torque lb-in [N·m]	Wt. lb [kg]	Covers (sold separately)		
							solid and stranded	fine stranded (Cu)			w/o Indication	w/ Indication ¹	Pc/ pkg
Box lug	JM60030-1CR	1	\$39.00	600V AC/DC	30	1	14-2 AWG (Cu) 8-2 AWG (Al)	3-2 AWG	50 [5.6]	0.15 [0.08]	CVR-J-60030 \$11.50	CVRI-J-60030 \$15.00	1
	JM60030-2CR	1	\$82.00			2		6-4 AWG	45 [5.1]	0.25 [0.12]			
	JM60030-3CR	1	\$119.00			3		8AWG	40 [4.5]	0.40 [0.18]			
Pressure Plate	JM60030-1PR	1	\$35.50			1	18-10 AWG (Cu)	14-10 AWG	35 [4.0]	0.40 [0.18]			
	JM60030-2PR	1	\$70.00			2		18-10 AWG	20 [2.3]	0.15 [0.08]			
	JM60030-3PR	1	\$107.00			3				0.25 [0.12]			
Box lug	JM60060-1CR	1	\$47.50		60	1	14-2 AWG (Cu) 8-2 AWG (Al)	3-2 AWG	50 [5.6]	0.20 [0.10]	CVR-J-60060 \$14.00	CVRI-J-60060 \$15.50	1
	JM60060-2CR	1	\$95.00			2		6-4 AWG	45 [5.1]	0.35 [0.16]			
	JM60060-3CR	1	\$143.00			3		8AWG	40 [4.5]	0.55 [0.26]			

¹ Open fuse indication requires 90V minimum and closed circuit to operate.

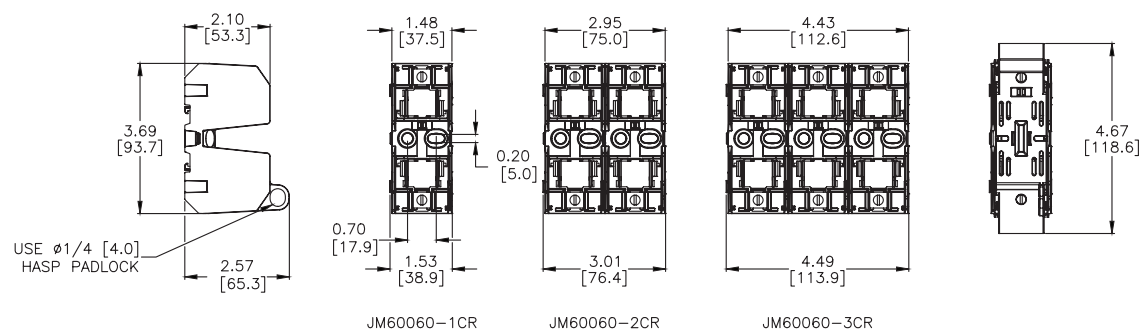
Modular Ferrule Fuse Blocks for Class J Fuses

Dimensions

in [mm]



JM60030



JM60060

Please see our website www.AutomationDirect.com for complete engineering drawings. Dimensions are approximate. Not for construction purposes.

Modular Fuse Blocks for Class J Fuses



Description

For use with Edison JHL, JDL, Class J fuses

Specifications

Materials:

Base – thermoplastic

Box lug terminals – tin-plated aluminum

SCCR: 200kA

Flammability rating:

Blocks – UL 94V0, self-extinguishing

Covers – UL 94HB, self-extinguishing

Operating and storage temp range:

Blocks – -40° to 120°C [-40° to 248°F]

Covers – indicating -20° to 90°C [-4° to 194°F]
non-indicating -40° to 120°C [-40° to 248°F]

Wire:

Cu/Al – 75°/90°C [167°/194°F] (100-200 A)

Cu/Al – 75°C [167°F] only (400-600 A)*

Note: Higher temperature rated wire can be used with appropriate derating.

* 400A Class J double box lug rated for 75°/90°C Cu/Al.

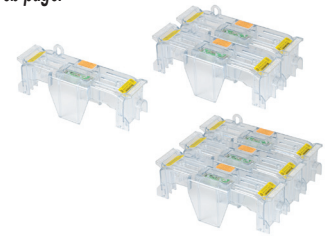
Agency Approvals

- Blocks - UL - Listed cULus E14853 – IZLT & IZLT7
- CSA - Certified 47235 – 6225-01
- Covers - UL - Listed UL E58836 – JDVS
- CE, RoHS, Reach compliant

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Class J Fuse Blocks



Class J Fuse Block Covers

JM Series Modular Fuse Blocks										
Part Number (1 pc/pkg)	Volts	Amps	Poles	Wire Range		Torque lb-in [N·m]	Wt. lb [kg]	Covers**		
				solid and stranded***	fine stranded (Cu)			w/o Indication	w/ Indication	Pcs/ Pkg
JM60100-1CR-1 \$56.00	600	100	1	–	3-1 AWG	55 [6.2]	0.32 [0.14]	CVR-J-60100-M-1 \$15.00	CVR-I-J-60100-M-1 \$28.00	1
JM60100-1CR-2 \$112.00			2	3-1/0 AWG; (2) Cu 6-4 AWG 6-4 AWG; (2) Cu 8AWG 8AWG; (2) Cu 14-10 AWG	6-4 AWG 8AWG	50 [5.6] 45 [5.1]	0.64 [0.28]	CVR-J-60100-M-2 \$31.00	CVR-I-J-60100-M-2 \$54.00	2
JM60100-1CR-3 \$168.00			3	Cu 14-10 AWG; Al 12-10 AWG	–	40 [4.5] 35 [4.0]	0.96 [0.42]	CVR-J-60100-M-3 \$45.00	CVR-I-J-60100-M-3 \$80.00	3
JM60200-1CR-1 \$229.00	600	200	1	1AWG - 250MCM 6-2 AWG; (2) Cu 6-2 AWG	1-3/0 AWG 6-2 AWG	375 [42] 275 [31]	0.82 [0.37]	CVR-J-60200-M-1 \$18.50	CVR-I-J-60200-M-1 \$31.00	1
JM60200-1CR-2 \$454.00			2				1.64 [0.74]	CVR-J-60200-M-2 \$39.00	CVR-I-J-60200-M-2 \$59.00	2
JM60200-1CR-3 \$687.00			3				2.46 [1.11]	CVR-J-60200-M-3 \$56.00	CVR-I-J-60200-M-3 \$90.00	3
JM60400-1CR-1 \$442.00	600	400	1	600MCM 500MCM (2) Cu 4-3/0 AWG (2) Al 4-3/0 AWG	N/A	500 [57] 450 [51] 500 [57] 300 [34]	2.16 [0.98]	CVR-J-60400-M-1 \$34.00	CVR-I-J-60400-M-1 \$48.50	1
JM60400-1CR-3 \$1,321.00			3				6.48 [2.94]	CVR-J-60400-M-3 \$100.00	CVR-I-J-60400-M-3 \$141.00	3
JM60400-1MW22-1* \$475.00			1	(2) 1AWG - 350MCM	NA	375 [42]	2.58 [1.17]	CVR-J-60400-M-1 \$34.00	CVR-I-J-60400-M-1 \$48.50	1
JM60400-1MW22-3* \$1,356.00	600	400	3	(2) 6-2 AWG		275 [51]	7.74 [3.51]	CVR-J-60400-M-3 \$100.00	CVR-I-J-60400-M-3 \$141.00	3
JM60600-1CR-1* \$714.00	600	600	1	(2) 4AWG - 500MCM	N/A	450 [51]	3.92 [1.78]	CVR-J-60600-1 \$56.00	CVR-I-J-60600-1 \$70.00	1
JM60600-1CR-3* \$2,134.00			3				11.76 [5.34]	CVR-J-60600-3 \$169.00	CVR-I-J-60600-3 \$212.00	3

* Modular double box lug fuse block

** Covers sold separately. Blown fuse indication requires 90V minimum and closed circuit to operate.

*** Ratings are for copper and aluminum wire except where otherwise noted.

Double Box Lug Configurations

- Allows for ease of installation with smaller, more flexible wire
- Capable of achieving maximum current rating with parallel copper or aluminum wires
- Standard on all 600A blocks
- Optional on 400A blocks
- Compatible with IP20 finger-safe covers (for 400A double box lug configuration, optional cover provides IP20 finger-safe protection for dual 1AWG - 350MCM wires or one single 6AWG - 350MCM)

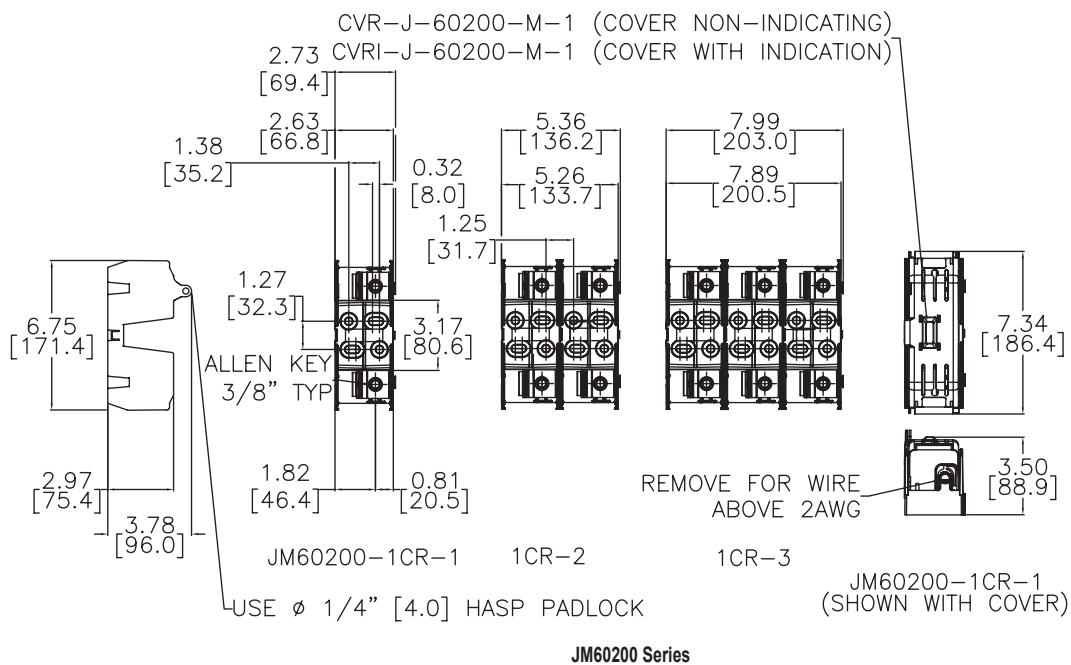
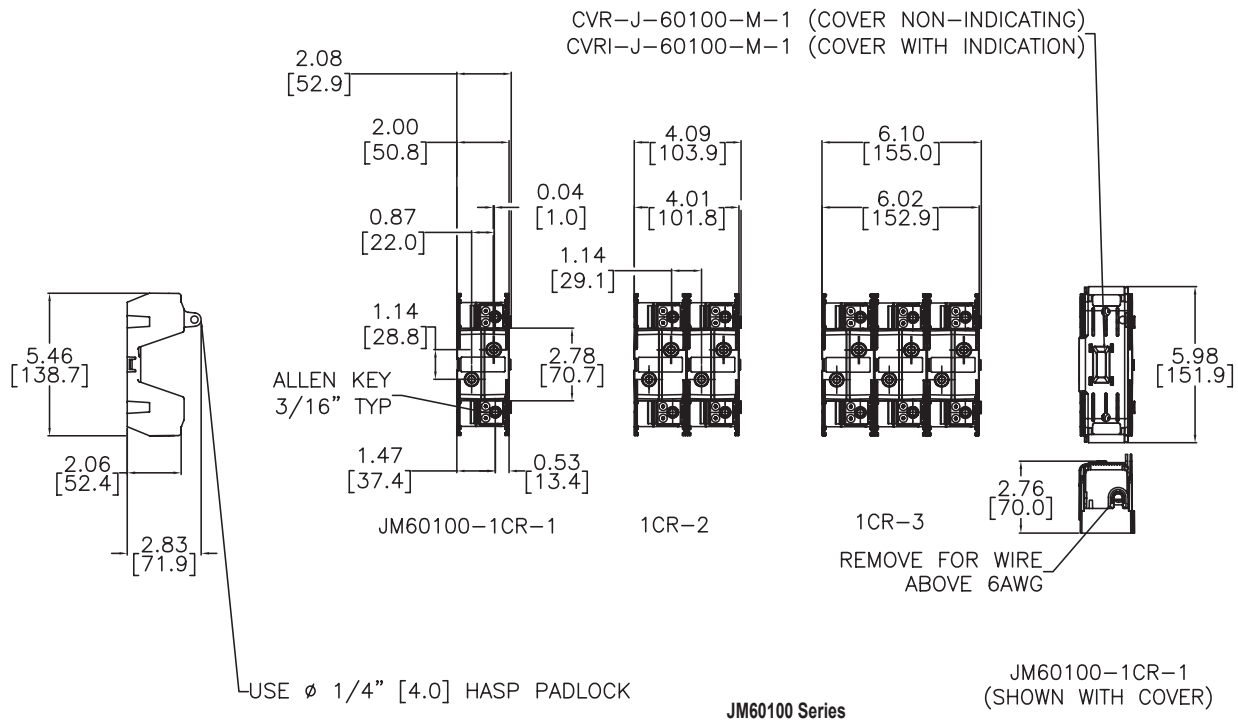


JM60400-1MW22

Fuse Blocks for Class J Fuses



Dimensions in [mm]



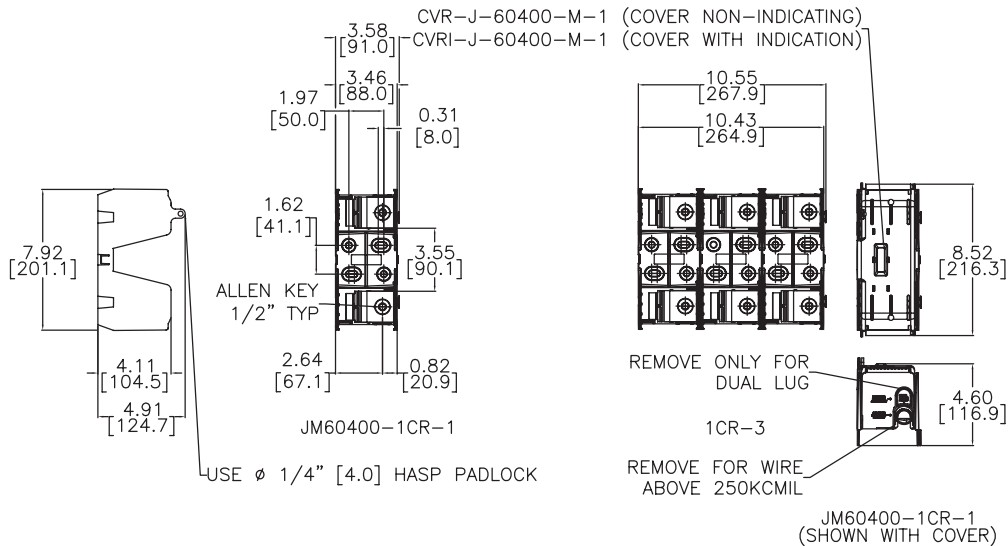
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Fuse Blocks for Class J Fuses

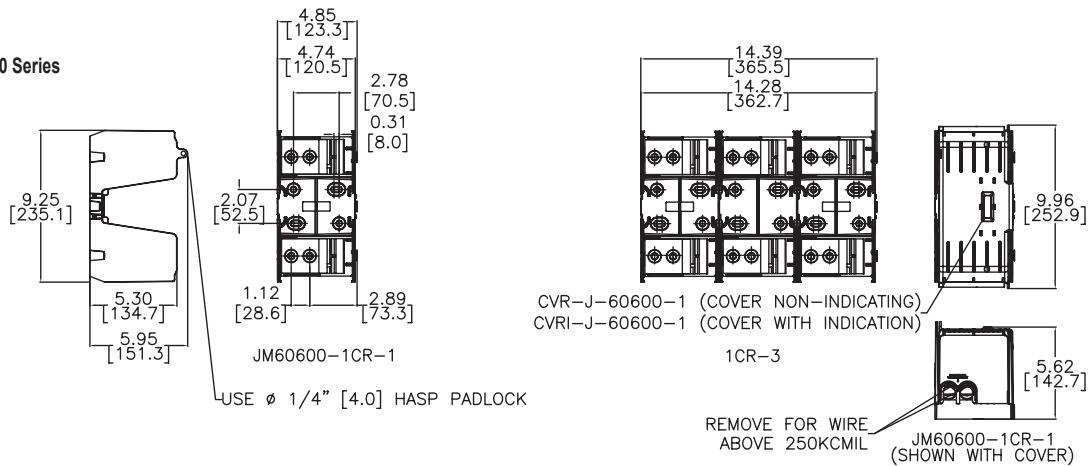


Dimensions in [mm]

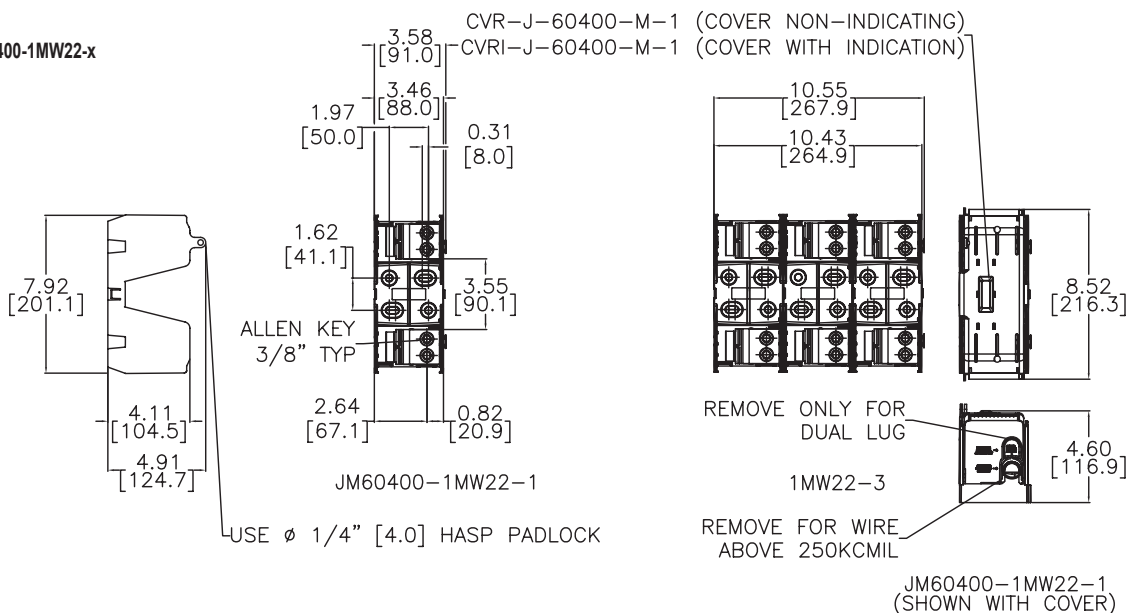
JM60400 Series



JM60600 Series



JM60400-1MW22-x



Please see our website www.AutomationDirect.com for complete engineering drawings. Dimensions are approximate. Not for construction purposes.