

Modular Ferrule Fuse Blocks for Class R Fuses



Description

RM Series for use with Class R fuses LENRK, LESRK, ECNR & ECSR

Mounting

35mm DIN rail or panel mount

Specifications

Materials:

Base – Thermoplastic

Terminals – Tin-plated copper brass

Covers – Thermoplastic

Screws – 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.



Clear IP20 finger-safe cover (sold separately)

Patented lockout / tagout

Modular dove-tail design for tool-less snap together assembly

DIN Rail or panel mount

Test probe holes

Screw terminal

Compact Footprint

Modular Ferrule Fuse Blocks for Class R Fuses

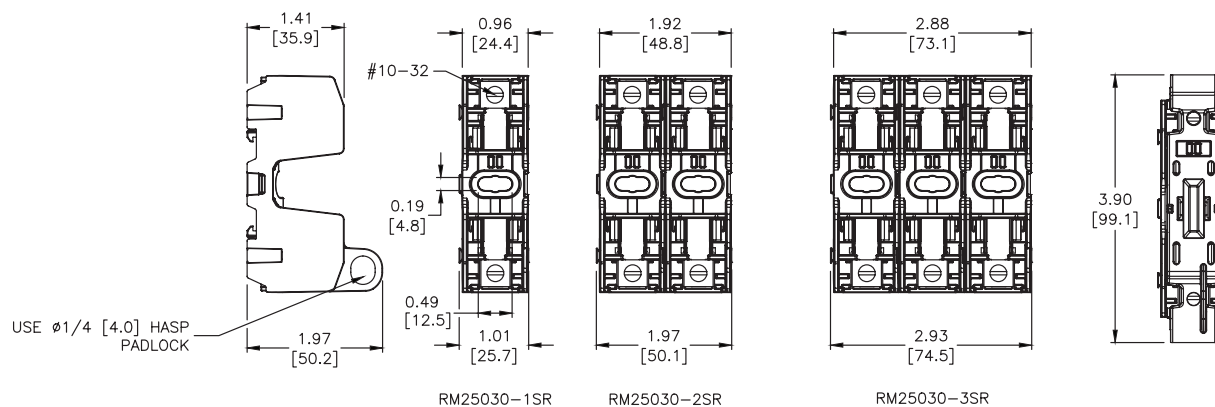
Type	Part Number	Pc/pkg	Price	Volts	Amps	Poles	Wire Range		Torque lb-in [N·m]	Wt. lb [kg]	Covers (sold separately)		
							solid and stranded	fine stranded (Cu)			w/o Indication	w/ Indication ¹	Pc/pkg
Screw	RM25030-1SR	1	\$15.50	250V AC/DC	30	1	18-10 AWG (Cu)	18-10 AWG	20 [2.3]	0.10 [0.04]	CVR-RH-25030 \$10.00	CVRI-RH-25030 \$13.00	1
	RM25030-2SR	1	\$25.00			2				0.15 [0.07]			
	RM25030-3SR	1	\$38.00			3				0.25 [0.12]			
Box Lug	RM25060-1CR	1	\$30.00		60	1	14-2 AWG (Cu) 8-2 AWG (Al)	3-2 AWG 6-4 AWG 8 AWG 14-10 AWG	50 [5.6] 45 [5.1] 40 [4.5] 35 [4.0]	0.15 [0.07]	CVR-RH-25060 \$12.00	CVRI-RH-25060 \$13.50	1
	RM25060-2CR	1	\$53.00			2				0.30 [0.14]			
	RM25060-3CR	1	\$71.00			3				0.45 [0.22]			
Screw	RM60030-1SR	1	\$33.50	600V AC/DC	30	1	18-10 AWG (Cu)	18-10 AWG	20 [2.3]	0.15 [0.07]	CVR-RH-60030 \$10.50	CVRI-RH-60030 \$13.00	1
	RM60030-2SR	1	\$51.00			2				0.30 [0.14]			
	RM60030-3SR	1	\$62.00			3				0.45 [0.22]			
Box Lug	RM60060-1CR	1	\$42.00		60	1	14-2 AWG (Cu) 8-2 AWG (Al)	3-2 AWG 6-4 AWG 8 AWG 14-10 AWG	50 [5.6] 45 [5.1] 40 [4.5] 35 [4.0]	0.25 [0.12]	CVR-RH-60060 \$12.00	CVRI-RH-60060 \$13.50	1
	RM60060-2CR	1	\$70.00			2				0.45 [0.22]			
	RM60060-3CR	1	\$127.00			3				0.70 [0.30]			

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

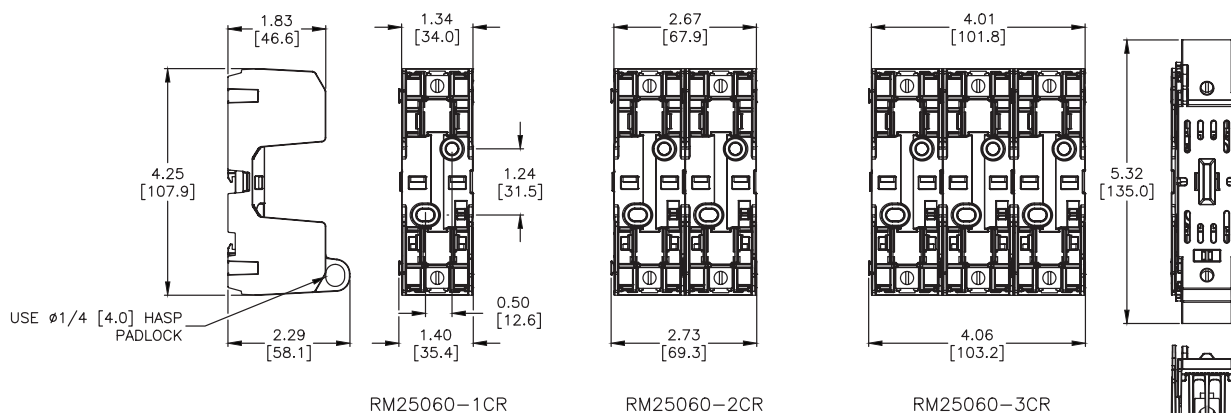
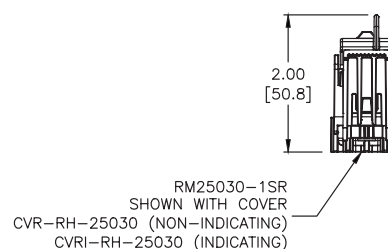
Modular Ferrule Fuse Blocks for Class R Fuses Dimensions



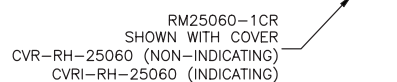
in [mm]



RM25030



RM25060

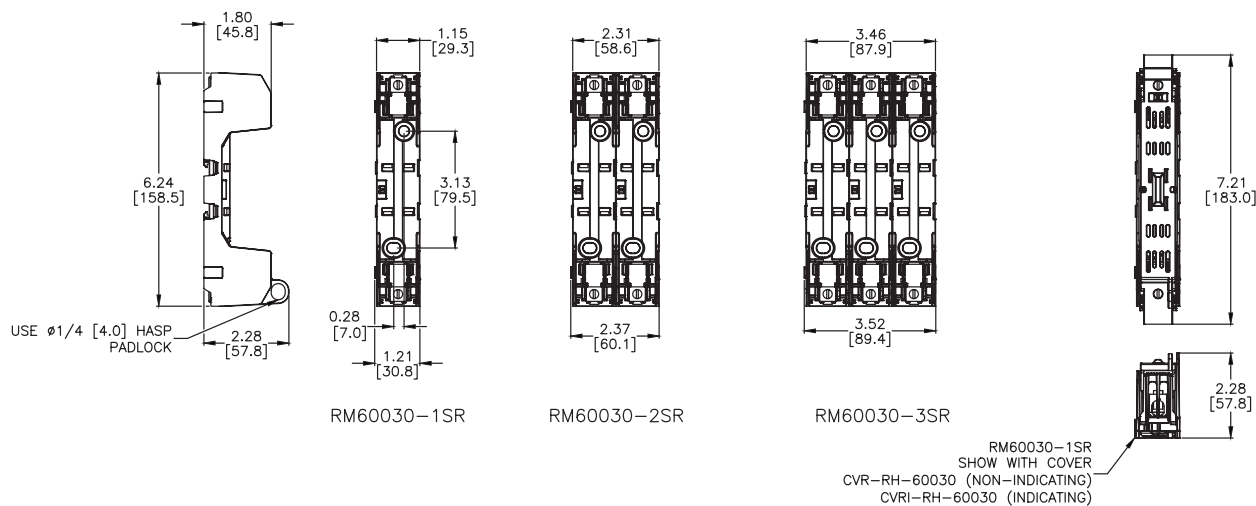


Please see our website www.AutomationDirect.com for complete engineering drawings. Dimensions are approximate. Not for construction purposes.

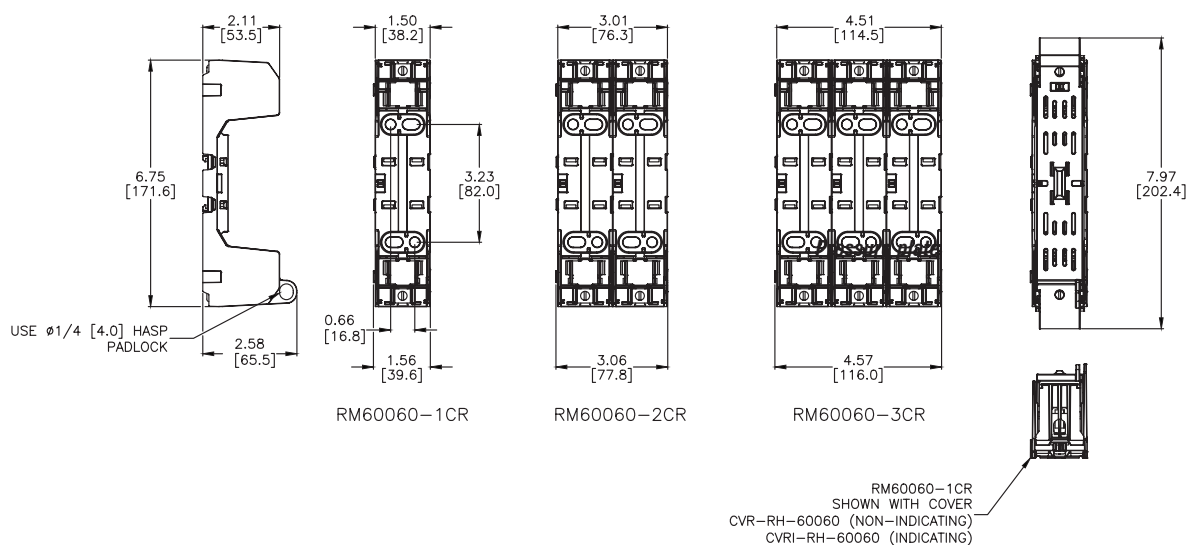
Modular Ferrule Fuse Blocks for Class R Fuses

Dimensions

in [mm]



RM60030



RM60060

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Modular Fuse Blocks for Class R Fuses



Description

For use with Edison ECNR, ECSR, LENRK, LESRK, Class R fuses

Specifications

Materials:

Base – thermoplastic

Box lug terminals – tin-plated aluminum

SCCR: 200kA sym RMS

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.

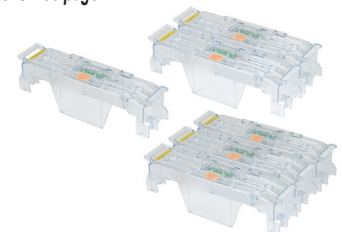
Agency Approvals

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

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



Class R Fuse Blocks



Class R Fuse Block Covers

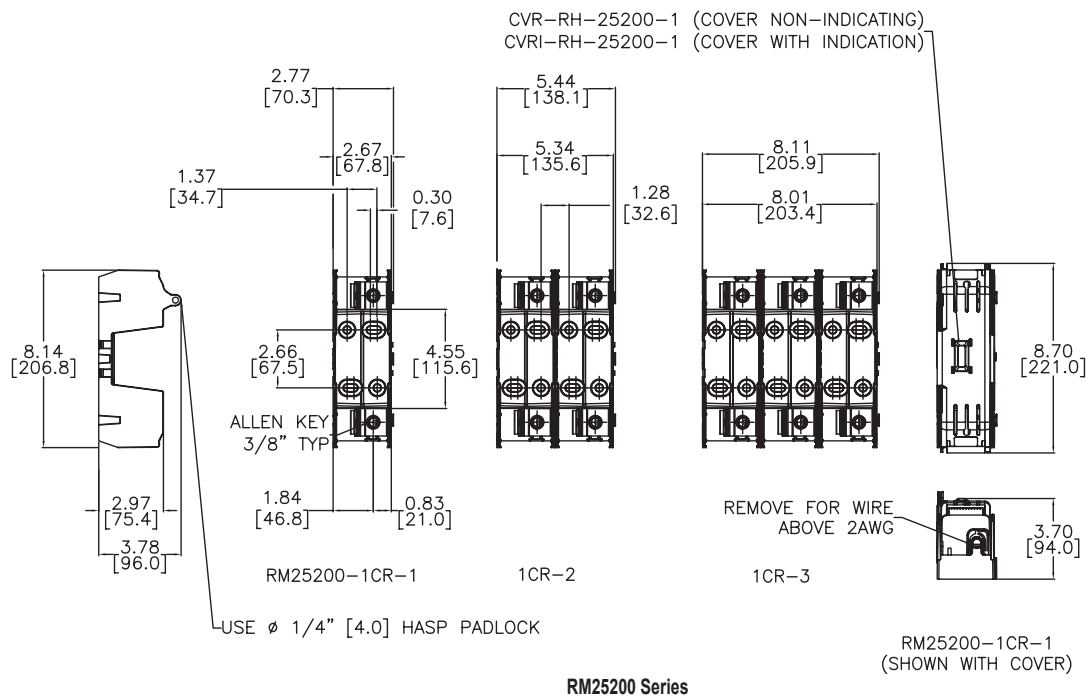
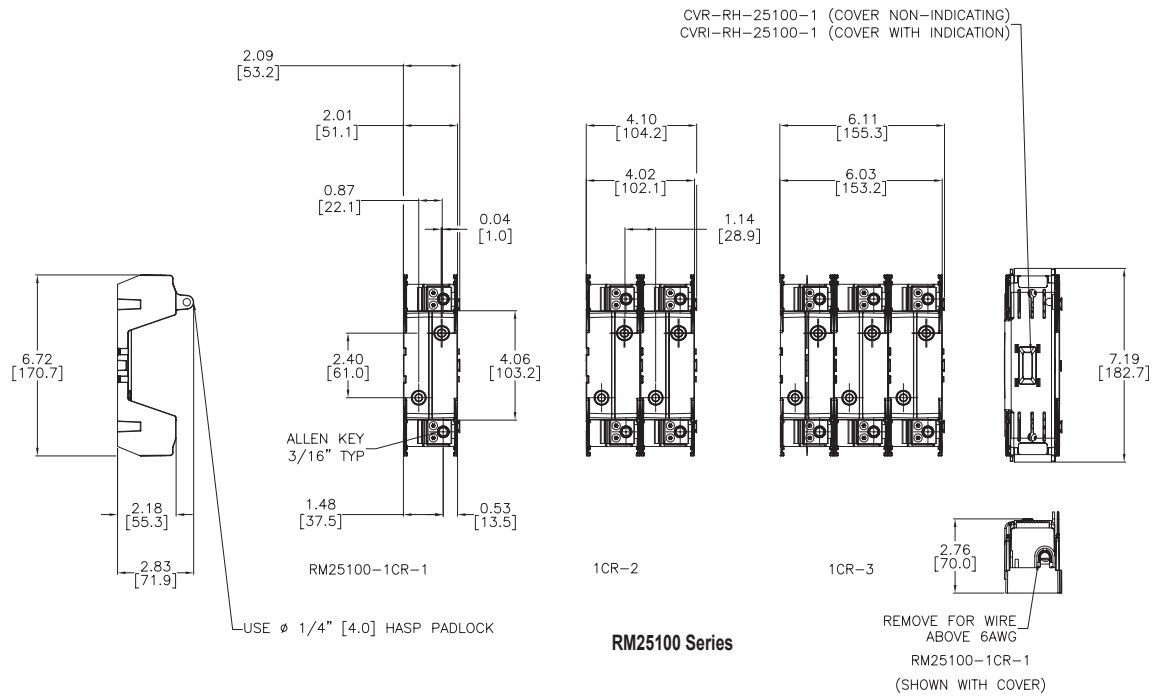
RM Series Modular Fuse Blocks										
Part Number (1 pc/pkg)	Volts	Amps	Poles	Wire Range		Torque lb-in [N-m]	Wt. lb [kg]	Covers*		
				solid and stranded**	fine stranded(Cu)			w/o Indication	with Indication	Pcs/Pkg
RM25100-1CR-1 \$43.50	250	100	1	–	3-1 AWG	55 [6.2]	0.86 [0.39]	CVR-RH-25100-1 \$15.00	CVRI-RH-25100-1 \$25.50	1
RM25100-1CR-2 \$86.00			2	3-1/0 AWG; (2) Cu 6-4 AWG 6-4 AWG; (2) Cu 8AWG	6-4 AWG 8AWG	50 [5.6] 45 [5.1]	1.72 [0.78]	CVR-RH-25100-2 \$31.50	CVRI-RH-25100-2 \$50.00	2
RM25100-1CR-3 \$130.00			3	8AWG; (2) Cu 14-10 AWG Cu 14-10 AWG; Al 12-10 AWG	–	40 [4.5] 35 [4.0]	2.58 [1.17]	CVR-RH-25100-3 \$47.00	CVRI-RH-25100-3 \$75.00	3
RM25200-1CR-1 \$144.00	250	200	1	1AWG - 250MCM 6-2 AWG; (2) Cu 6-2 AWG	1-3/0 AWG	375 [42]	0.88 [0.4]	CVR-RH-25200-1 \$22.00	CVRI-RH-25200-1 \$34.00	1
RM25200-1CR-2 \$283.00			2		6-2 AWG	275 [31]	1.76 [0.8]	CVR-RH-25200-2 \$44.00	CVRI-RH-25200-2 \$66.00	2
RM25200-1CR-3 \$430.00			3		6-2 AWG	275 [31]	2.64 [1.2]	CVR-RH-25200-3 \$63.00	CVRI-RH-25200-3 \$99.00	3
RM25400-1CR-1 \$495.00	250	400	1	600MCM 500MCM - 4AWG (2) Cu 4-3/0 AWG (2) Al 4-3/0 AWG	N/A	500 [57] 450 [51]	2.24 [1.02]	CVR-RH-25400-1 \$35.00	CVRI-RH-25400-1 \$47.50	1
RM25400-1CR-3 \$1,488.00			3			500 [57] 300 [34]	6.72 [3.06]	CVR-RH-25400-3 \$101.00	CVRI-RH-25400-3 \$146.00	3
RM25600-1CR-1 \$635.00			1			450 [51]	4.04 [1.83]	CVR-RH-25600-1 \$62.00	CVRI-RH-25600-1 \$75.00	1
RM25600-1CR-3 \$1,901.00	250	600	3	(2) 4AWG - 500 MCM	N/A	450 [51]	12.12 [5.49]	CVR-RH-25600-3 \$190.00	CVRI-RH-25600-3 \$231.00	3
RM60100-1CR-1 \$52.00			1	–	3-1 AWG	55 [6.2]	0.34 [0.16]	CVR-RH-60100-1 \$20.00	CVRI-RH-60100-1 \$31.50	1
RM60100-1CR-2 \$106.00			2	3-1/0 AWG; (2) Cu 6-4 AWG 6-4 AWG; (2) Cu 8AWG	6-4 AWG 8AWG	50 [5.6] 45 [5.1]	0.68 [0.32]	CVR-RH-60100-2 \$38.00	CVRI-RH-60100-2 \$62.00	2
RM60100-1CR-3 \$157.00	600	100	3	8AWG; (2) Cu 14-10 AWG Cu 14-10 AWG; Al 12-10 AWG	–	40 [4.5] 35 [4.0]	1.02 [0.48]	CVR-RH-60100-3 \$54.00	CVRI-RH-60100-3 \$93.00	3
RM60200-1CR-1 \$137.00			1	1AWG - 250MCM 6-2 AWG; (2) Cu 6-2 AWG	1-3/0 AWG	375 [42]	0.92 [0.42]	CVR-RH-60200-1 \$25.50	CVRI-RH-60200-1 \$38.00	1
RM60200-1CR-2 \$271.00			2		6-2 AWG	275 [31]	1.84 [0.84]	CVR-RH-60200-2 \$48.50	CVRI-RH-60200-2 \$75.00	2
RM60200-1CR-3 \$407.00			3		6-2 AWG	275 [31]	5.52 [2.52]	CVR-RH-60200-3 \$74.00	CVRI-RH-60200-3 \$114.00	3
RM60400-1CR-1 \$404.00	600	400	1	600MCM 4AWG - 500MCM (2) Cu 4-3/0 AWG (2) Al 4-3/0 AWG	N/A	500 [57] 450 [51]	2.32 [1.05]	CVR-RH-60400-1 \$45.00	CVRI-RH-60400-1 \$61.00	1
RM60400-1CR-3 \$1,210.00			3			500 [57] 300 [34]	6.96 [3.15]	CVR-RH-60400-3 \$133.00	CVRI-RH-60400-3 \$183.00	3
RM60600-1CR-1 \$634.00			1			450 [51]	4.16 [1.88]	CVR-RH-60600-1 \$77.00	CVRI-RH-60600-1 \$94.00	1
RM60600-1CR-3 \$1,900.00	600	600	3	(2) 4AWG - 500MCM	N/A	450 [51]	12.48 [5.64]	CVR-RH-60600-3 \$236.00	CVRI-RH-60600-3 \$283.00	3

* 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.

Fuse Blocks for Class R Fuses

Dimensions in [mm]

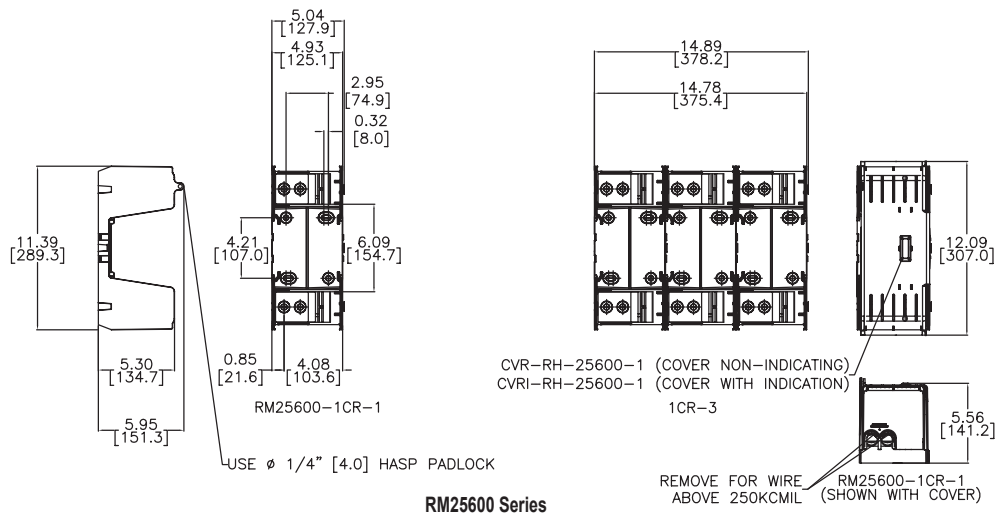
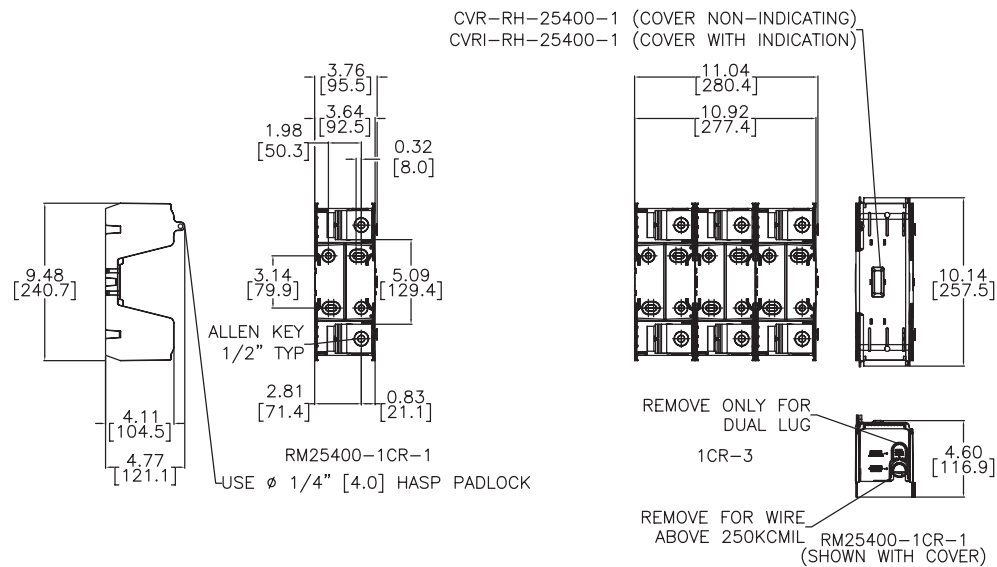


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Fuse Blocks for Class R Fuses



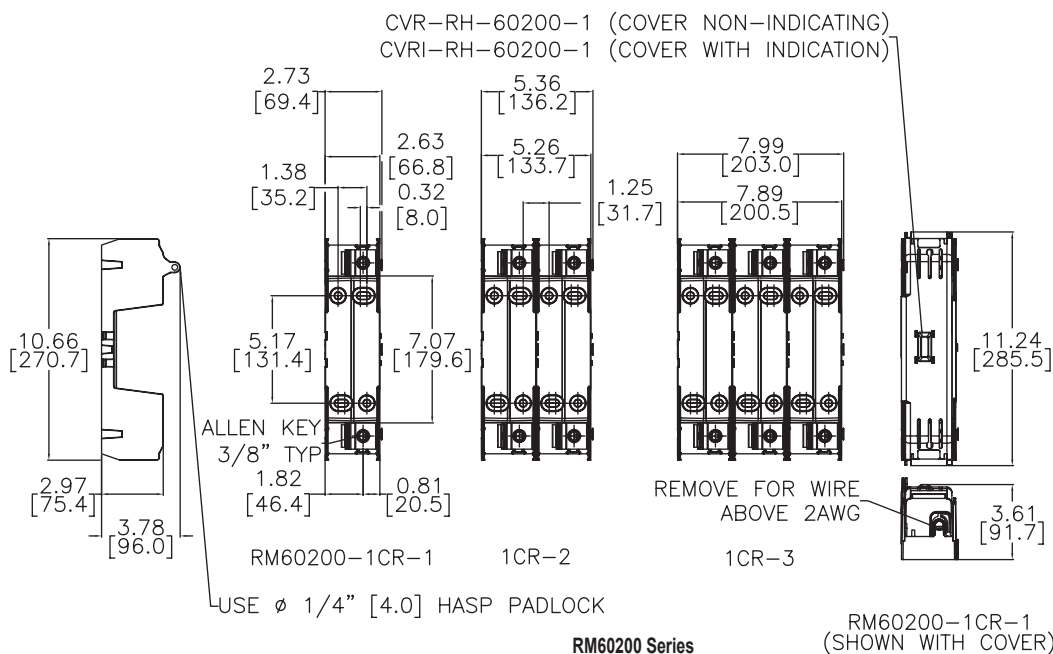
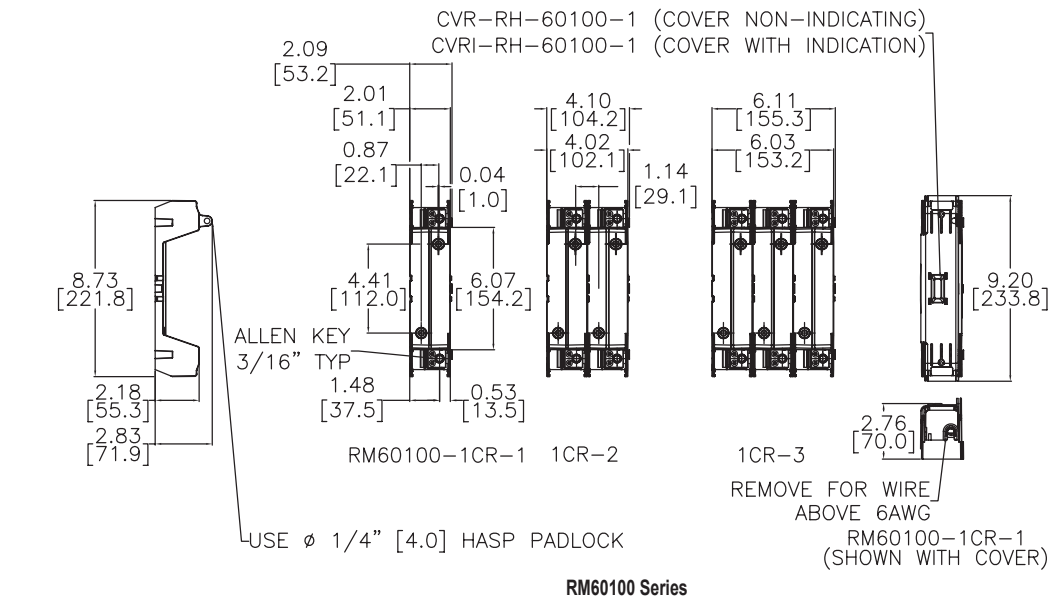
Dimensions *in [mm]*



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Fuse Blocks for Class R Fuses

Dimensions *in [mm]*

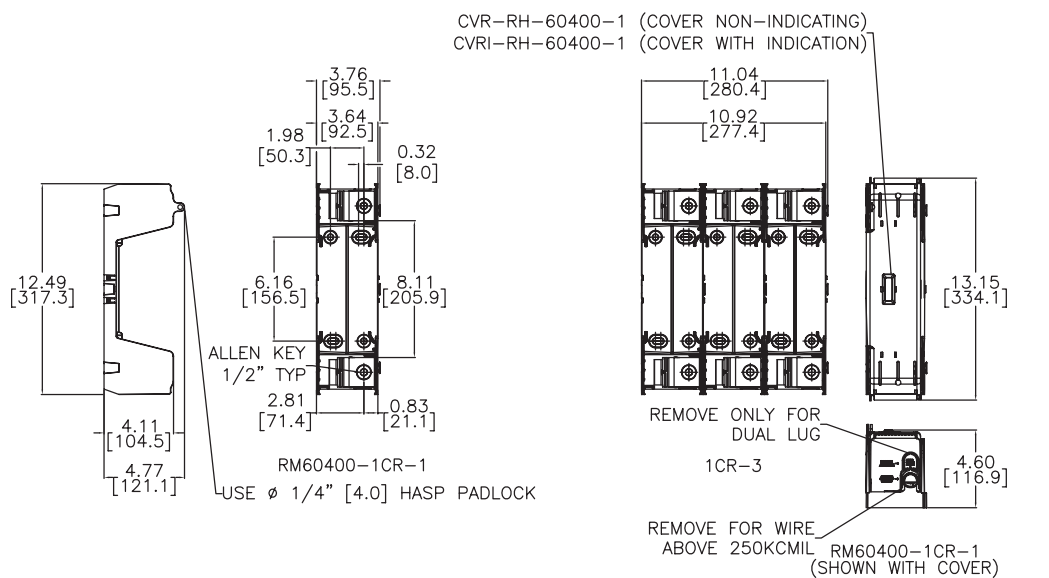


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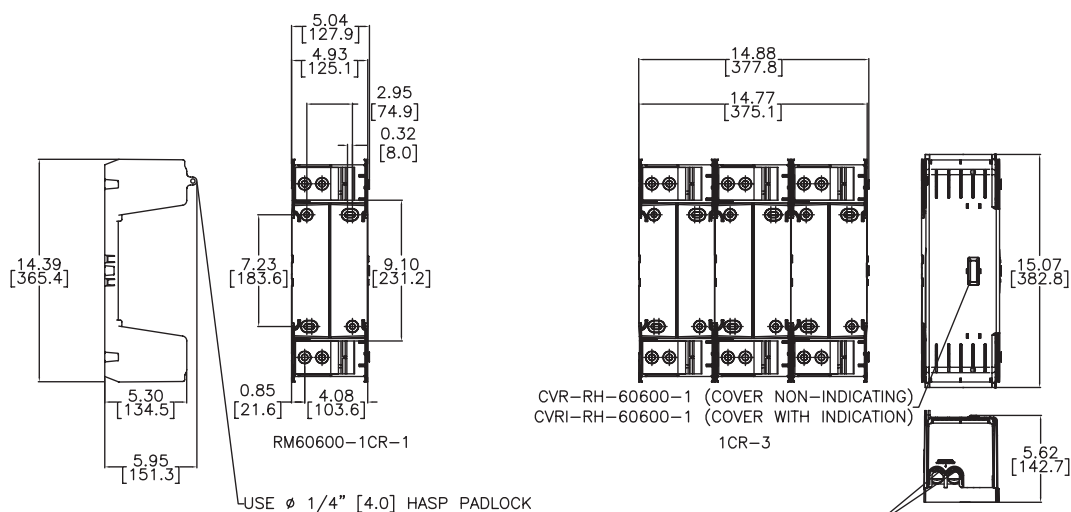
Fuse Blocks for Class R Fuses



Dimensions in [mm]



RM60400 Series



RM60600 Series

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