

# 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.

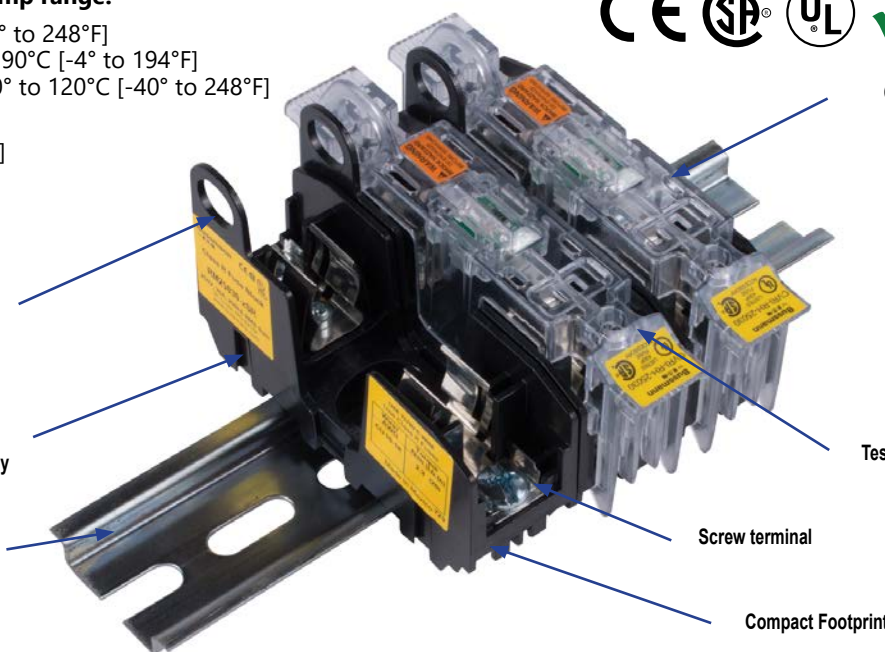


Clear IP20 finger-safe cover (sold separately)

Patented lockout / tagout

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

DIN Rail or panel mount



## Modular Ferrule Fuse Blocks for Class R Fuses

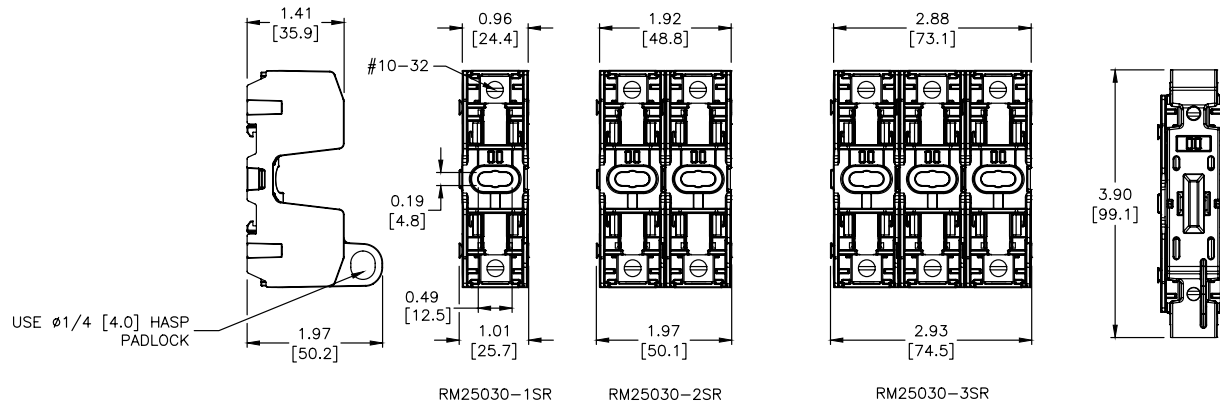
| Type    | Part Number                 | Pc/<br>pkg | Price    | Volts         | Amps | Poles | Wire Range                    |                                          | Torque<br>lb-in [N·m]                        | Wt.<br>lb [kg] | Covers (sold separately)                |                                          |            |
|---------|-----------------------------|------------|----------|---------------|------|-------|-------------------------------|------------------------------------------|----------------------------------------------|----------------|-----------------------------------------|------------------------------------------|------------|
|         |                             |            |          |               |      |       | solid and<br>stranded         | fine<br>stranded (Cu)                    |                                              |                | w/o<br>Indication                       | w/<br>Indication <sup>1</sup>            | Pc/<br>pkg |
| Screw   | <a href="#">RM25030-1SR</a> | 1          | \$18.00  | 250V<br>AC/DC | 30   | 1     | 18-10 AWG (Cu)                | 18-10 AWG                                | 20 [2.3]                                     | 0.10 [0.04]    | <a href="#">CVR-RH-25030</a><br>\$11.50 | <a href="#">CVRI-RH-25030</a><br>\$15.00 | 1          |
|         | <a href="#">RM25030-2SR</a> | 1          | \$29.00  |               |      | 2     |                               |                                          |                                              | 0.15 [0.07]    |                                         |                                          |            |
|         | <a href="#">RM25030-3SR</a> | 1          | \$44.00  |               |      | 3     |                               |                                          |                                              | 0.25 [0.12]    |                                         |                                          |            |
| Box Lug | <a href="#">RM25060-1CR</a> | 1          | \$34.50  |               | 60   | 1     | 14-2 AWG (Cu)<br>8-2 AWG (Al) | 3-2 AWG<br>6-4 AWG<br>8 AWG<br>14-10 AWG | 50 [5.6]<br>45 [5.1]<br>40 [4.5]<br>35 [4.0] | 0.15 [0.07]    | <a href="#">CVR-RH-25060</a><br>\$14.00 | <a href="#">CVRI-RH-25060</a><br>\$15.50 | 1          |
|         | <a href="#">RM25060-2CR</a> | 1          | \$61.00  |               |      | 2     |                               |                                          |                                              | 0.30 [0.14]    |                                         |                                          |            |
|         | <a href="#">RM25060-3CR</a> | 1          | \$82.00  |               |      | 3     |                               |                                          |                                              | 0.45 [0.22]    |                                         |                                          |            |
| Screw   | <a href="#">RM60030-1SR</a> | 1          | \$38.50  | 600V<br>AC/DC | 30   | 1     | 18-10 AWG (Cu)                | 18-10 AWG                                | 20 [2.3]                                     | 0.15 [0.07]    | <a href="#">CVR-RH-60030</a><br>\$12.00 | <a href="#">CVRI-RH-60030</a><br>\$15.00 | 1          |
|         | <a href="#">RM60030-2SR</a> | 1          | \$59.00  |               |      | 2     |                               |                                          |                                              | 0.30 [0.14]    |                                         |                                          |            |
|         | <a href="#">RM60030-3SR</a> | 1          | \$71.00  |               |      | 3     |                               |                                          |                                              | 0.45 [0.22]    |                                         |                                          |            |
| Box Lug | <a href="#">RM60060-1CR</a> | 1          | \$48.50  |               | 60   | 1     | 14-2 AWG (Cu)<br>8-2 AWG (Al) | 3-2 AWG<br>6-4 AWG<br>8 AWG<br>14-10 AWG | 50 [5.6]<br>45 [5.1]<br>40 [4.5]<br>35 [4.0] | 0.25 [0.12]    | <a href="#">CVR-RH-60060</a><br>\$14.00 | <a href="#">CVRI-RH-60060</a><br>\$15.50 | 1          |
|         | <a href="#">RM60060-2CR</a> | 1          | \$81.00  |               |      | 2     |                               |                                          |                                              | 0.45 [0.22]    |                                         |                                          |            |
|         | <a href="#">RM60060-3CR</a> | 1          | \$146.00 |               |      | 3     |                               |                                          |                                              | 0.70 [0.30]    |                                         |                                          |            |

<sup>1</sup> Open fuse indication requires 90V minimum and closed circuit to operate.

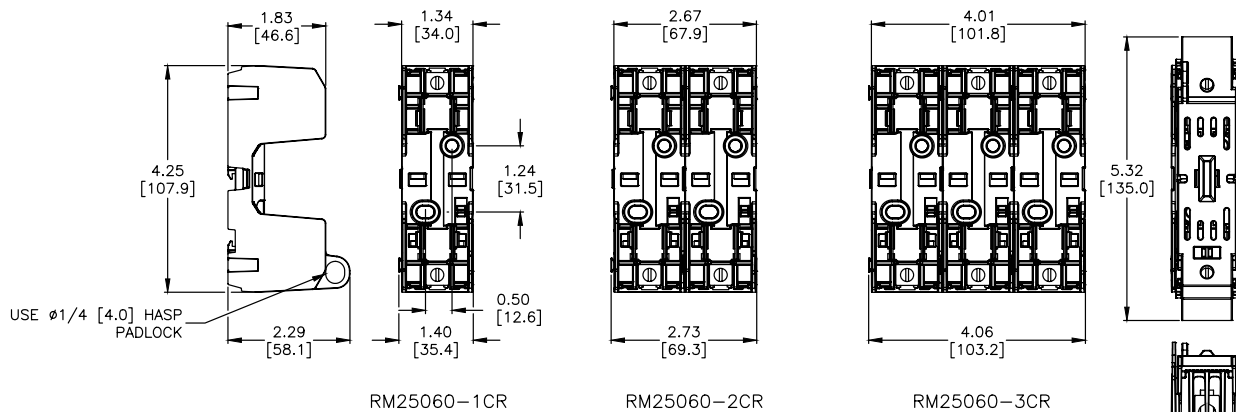
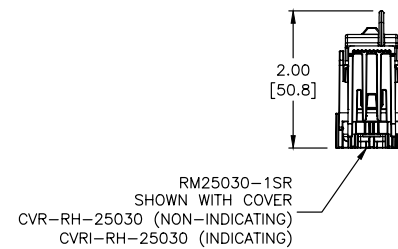
# Modular Ferrule Fuse Blocks for Class R Fuses Dimensions



in [mm]



RM25030



RM25060

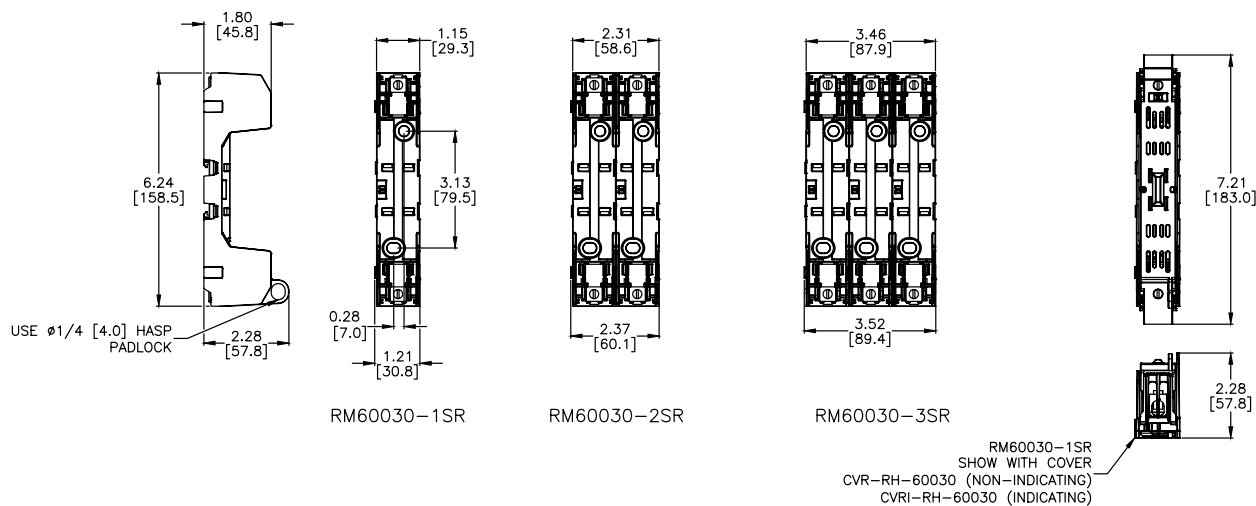
RM25060-1CR  
SHOWN WITH COVER  
CVR-RH-25060 (NON-INDICATING)  
CVRI-RH-25060 (INDICATING)

Please see our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings. Dimensions are approximate. Not for construction purposes.

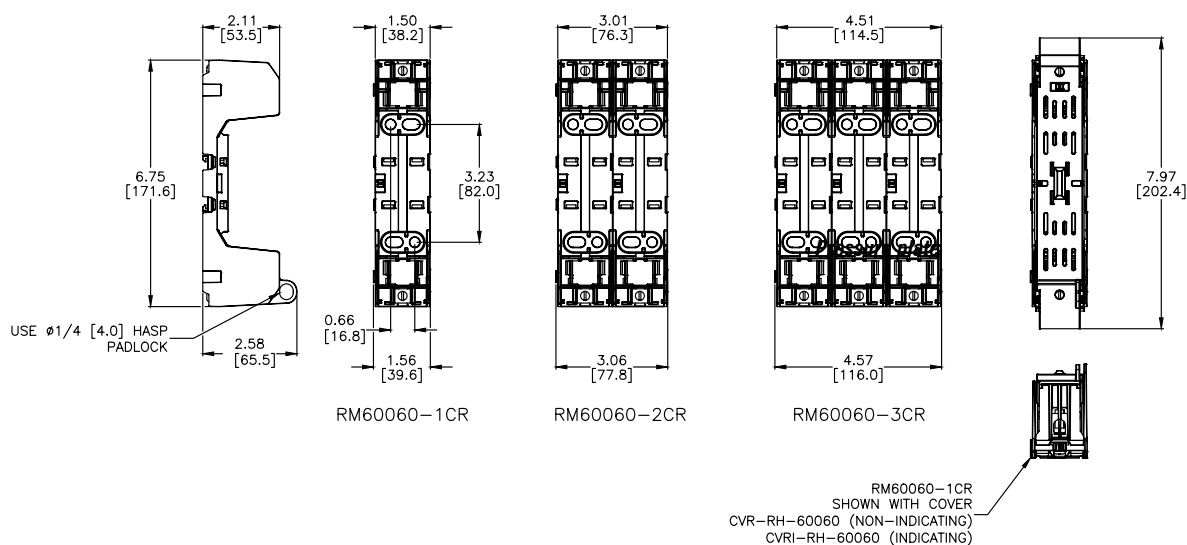
# Modular Ferrule Fuse Blocks for Class R Fuses

## 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<br>(1 pc/pkg)          | Volts | Amps | Poles | Wire Range                                           |                   | Torque<br>lb-in [N-m] | Wt.<br>lb [kg] | Covers*                                    |                                             |         |
|                                    |       |      |       | solid and stranded**                                 | fine stranded(Cu) |                       |                | w/o Indication                             | with Indication                             | Pcs/Pkg |
| <b>RM25100-1CR-1</b><br>\$50.00    | 250   | 100  | 1     | –                                                    | 3-1 AWG           | 55 [6.2]              | 0.86 [0.39]    | <a href="#">CVR-RH-25100-1</a><br>\$17.50  | <a href="#">CVRI-RH-25100-1</a><br>\$29.50  | 1       |
| <b>RM25100-1CR-2</b><br>\$99.00    |       |      | 2     | 3-1/0 AWG; (2) Cu 6-4 AWG<br>6-4 AWG; (2) Cu 8AWG    | 6-4 AWG<br>8AWG   | 50 [5.6]<br>45 [5.1]  | 1.72 [0.78]    | <a href="#">CVR-RH-25100-2</a><br>\$36.50  | <a href="#">CVRI-RH-25100-2</a><br>\$58.00  | 2       |
| <b>RM25100-1CR-3</b><br>\$150.00   |       |      | 3     | 8AWG; (2) Cu 14-10 AWG<br>Cu 14-10 AWG; Al 12-10 AWG | –                 | 40 [4.5]<br>35 [4.0]  | 2.58 [1.17]    | <a href="#">CVR-RH-25100-3</a><br>\$54.00  | <a href="#">CVRI-RH-25100-3</a><br>\$86.00  | 3       |
| <b>RM25200-1CR-1</b><br>\$166.00   | 250   | 200  | 1     | 1AWG - 250MCM<br>6-2 AWG; (2) Cu 6-2 AWG             | 1-3/0 AWG         | 375 [42]              | 0.88 [0.4]     | <a href="#">CVR-RH-25200-1</a><br>\$25.50  | <a href="#">CVRI-RH-25200-1</a><br>\$39.00  | 1       |
| <b>RM25200-1CR-2</b><br>\$326.00   |       |      | 2     |                                                      | 6-2 AWG           | 275 [31]              | 1.76 [0.8]     | <a href="#">CVR-RH-25200-2</a><br>\$51.00  | <a href="#">CVRI-RH-25200-2</a><br>\$76.00  | 2       |
| <b>RM25200-1CR-3</b><br>\$496.00   |       |      | 3     |                                                      |                   |                       | 2.64 [1.2]     | <a href="#">CVR-RH-25200-3</a><br>\$73.00  | <a href="#">CVRI-RH-25200-3</a><br>\$114.00 | 3       |
| <b>RM25400-1CR-1</b><br>\$571.00   | 250   | 400  | 1     | 600MCM<br>500MCM - 4AWG                              | N/A               | 500 [57]<br>450 [51]  | 2.24 [1.02]    | <a href="#">CVR-RH-25400-1</a><br>\$40.50  | <a href="#">CVRI-RH-25400-1</a><br>\$55.00  | 1       |
| <b>RM25400-1CR-3</b><br>\$1,716.00 |       |      | 3     | (2) Cu 4-3/0 AWG<br>(2) Al 4-3/0 AWG                 |                   | 500 [57]<br>300 [34]  | 6.72 [3.06]    | <a href="#">CVR-RH-25400-3</a><br>\$116.00 | <a href="#">CVRI-RH-25400-3</a><br>\$168.00 | 3       |
| <b>RM25600-1CR-1</b><br>\$732.00   | 250   | 600  | 1     | (2) 4AWG - 500 MCM                                   | N/A               | 450 [51]              | 4.04 [1.83]    | <a href="#">CVR-RH-25600-1</a><br>\$71.00  | <a href="#">CVRI-RH-25600-1</a><br>\$86.00  | 1       |
| <b>RM25600-1CR-3</b><br>\$2,192.00 |       |      | 3     |                                                      |                   |                       | 12.12 [5.49]   | <a href="#">CVR-RH-25600-3</a><br>\$219.00 | <a href="#">CVRI-RH-25600-3</a><br>\$266.00 | 3       |
| <b>RM60100-1CR-1</b><br>\$60.00    | 600   | 100  | 1     | –                                                    | 3-1 AWG           | 55 [6.2]              | 0.34 [0.16]    | <a href="#">CVR-RH-60100-1</a><br>\$23.00  | <a href="#">CVRI-RH-60100-1</a><br>\$36.50  | 1       |
| <b>RM60100-1CR-2</b><br>\$122.00   |       |      | 2     | 3-1/0 AWG; (2) Cu 6-4 AWG<br>6-4 AWG; (2) Cu 8AWG    | 6-4 AWG<br>8AWG   | 50 [5.6]<br>45 [5.1]  | 0.68 [0.32]    | <a href="#">CVR-RH-60100-2</a><br>\$44.00  | <a href="#">CVRI-RH-60100-2</a><br>\$71.00  | 2       |
| <b>RM60100-1CR-3</b><br>\$181.00   |       |      | 3     | 8AWG; (2) Cu 14-10 AWG<br>Cu 14-10 AWG; Al 12-10 AWG | –                 | 40 [4.5]<br>35 [4.0]  | 1.02 [0.48]    | <a href="#">CVR-RH-60100-3</a><br>\$62.00  | <a href="#">CVRI-RH-60100-3</a><br>\$107.00 | 3       |
| <b>RM60200-1CR-1</b><br>\$158.00   | 600   | 200  | 1     | 1AWG - 250MCM<br>6-2 AWG; (2) Cu 6-2 AWG             | 1-3/0 AWG         | 375 [42]              | 0.92 [0.42]    | <a href="#">CVR-RH-60200-1</a><br>\$29.50  | <a href="#">CVRI-RH-60200-1</a><br>\$44.00  | 1       |
| <b>RM60200-1CR-2</b><br>\$312.00   |       |      | 2     |                                                      | 6-2 AWG           | 275 [31]              | 1.84 [0.84]    | <a href="#">CVR-RH-60200-2</a><br>\$56.00  | <a href="#">CVRI-RH-60200-2</a><br>\$86.00  | 2       |
| <b>RM60200-1CR-3</b><br>\$469.00   |       |      | 3     |                                                      |                   |                       | 5.52 [2.52]    | <a href="#">CVR-RH-60200-3</a><br>\$85.00  | <a href="#">CVRI-RH-60200-3</a><br>\$131.00 | 3       |
| <b>RM60400-1CR-1</b><br>\$466.00   | 600   | 400  | 1     | 600MCM<br>4AWG - 500MCM                              | N/A               | 500 [57]<br>450 [51]  | 2.32 [1.05]    | <a href="#">CVR-RH-60400-1</a><br>\$52.00  | <a href="#">CVRI-RH-60400-1</a><br>\$70.00  | 1       |
| <b>RM60400-1CR-3</b><br>\$1,395.00 |       |      | 3     | (2) Cu 4-3/0 AWG<br>(2) Al 4-3/0 AWG                 |                   | 500 [57]<br>300 [34]  | 6.96 [3.15]    | <a href="#">CVR-RH-60400-3</a><br>\$153.00 | <a href="#">CVRI-RH-60400-3</a><br>\$211.00 | 3       |
| <b>RM60600-1CR-1</b><br>\$731.00   | 600   | 600  | 1     | (2) 4AWG - 500MCM                                    | N/A               | 450 [51]              | 4.16 [1.88]    | <a href="#">CVR-RH-60600-1</a><br>\$89.00  | <a href="#">CVRI-RH-60600-1</a><br>\$108.00 | 1       |
| <b>RM60600-1CR-3</b><br>\$2,191.00 |       |      | 3     |                                                      |                   |                       | 12.48 [5.64]   | <a href="#">CVR-RH-60600-3</a><br>\$272.00 | <a href="#">CVRI-RH-60600-3</a><br>\$326.00 | 3       |

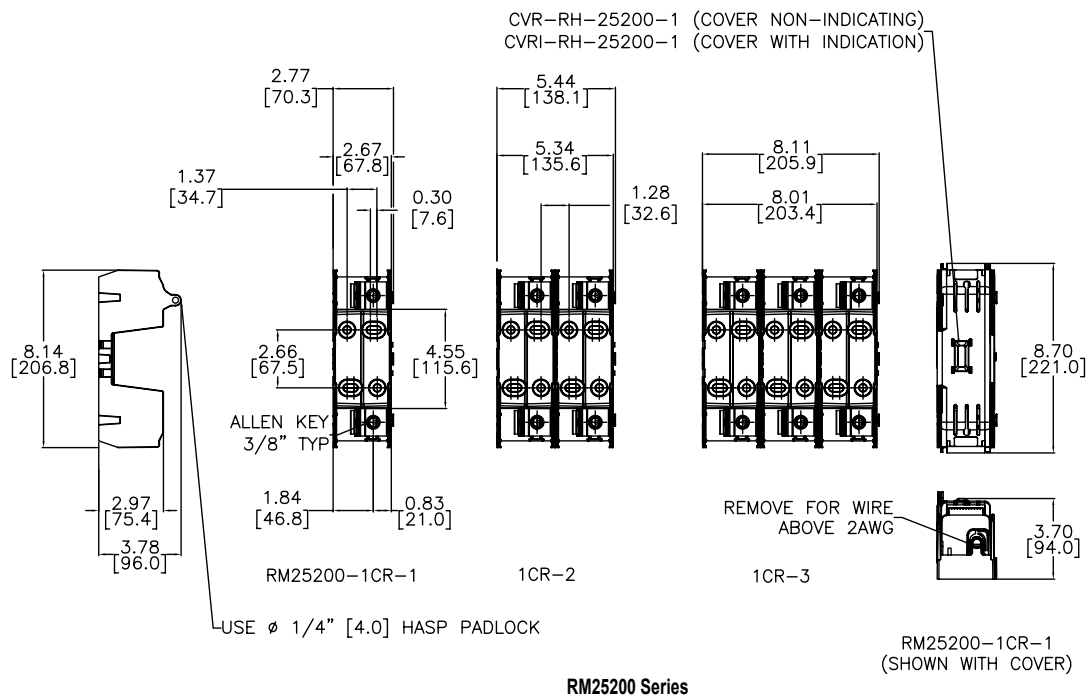
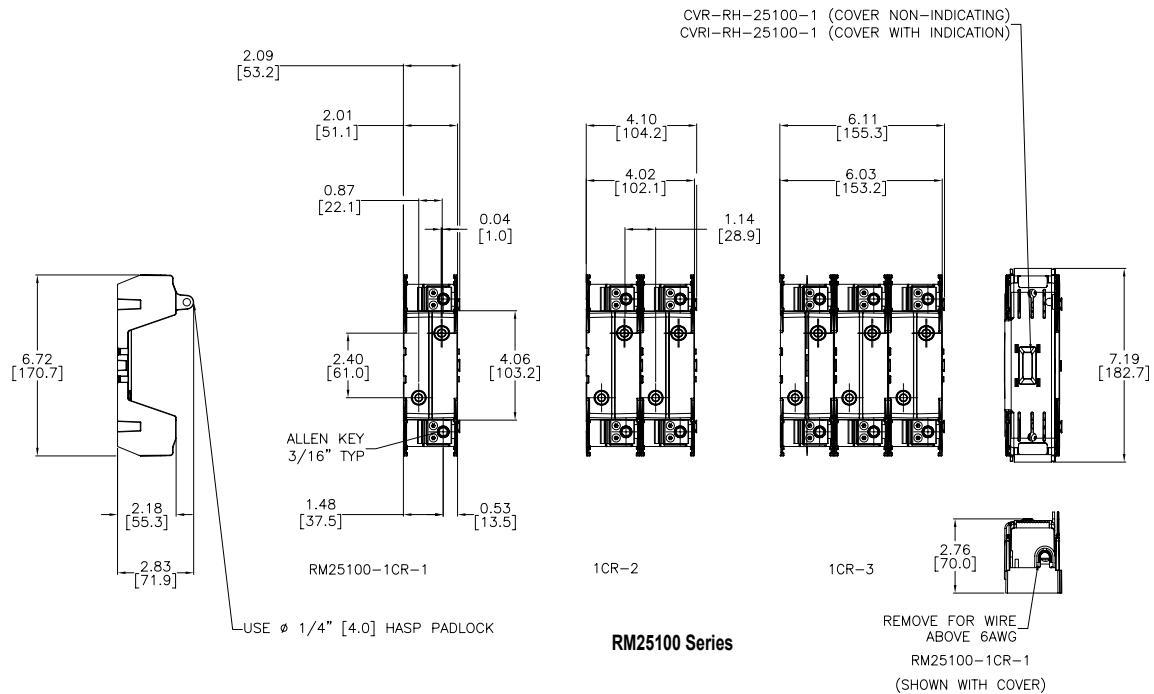
\* Covers sold separately. Blown fuse indication requires 90V minimum and closed circuit to operate.

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

# Fuse Blocks for Class R Fuses



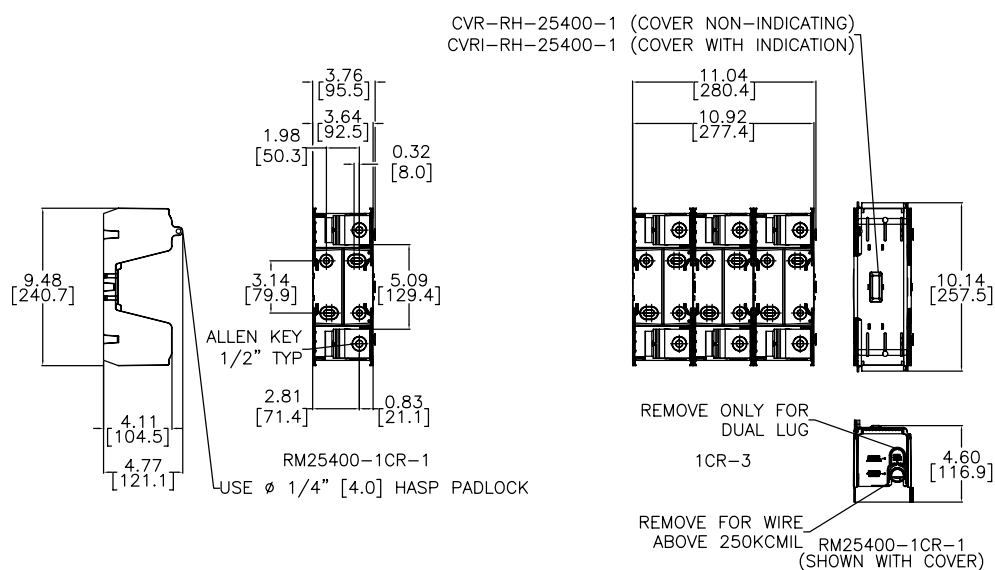
## Dimensions in [mm]



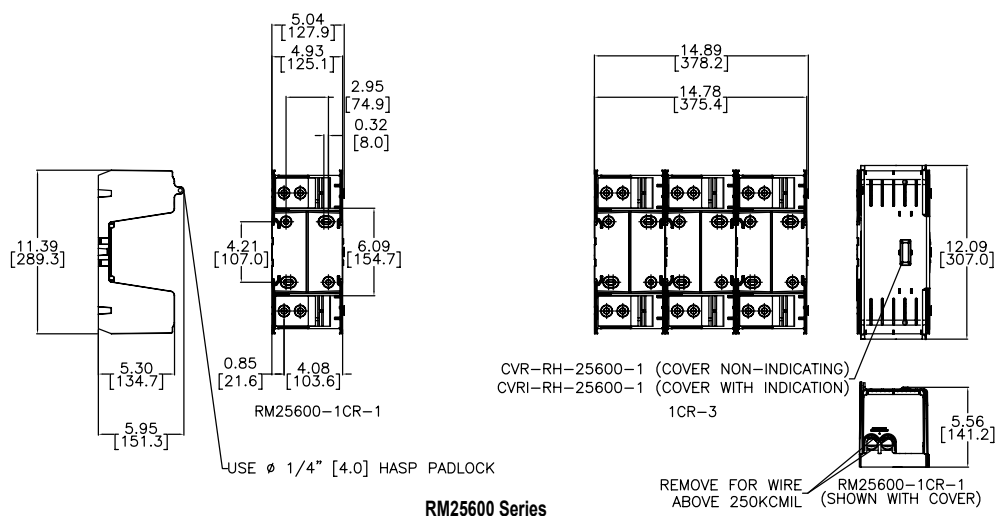
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# Fuse Blocks for Class R Fuses

Dimensions *in [mm]*



RM25400 Series

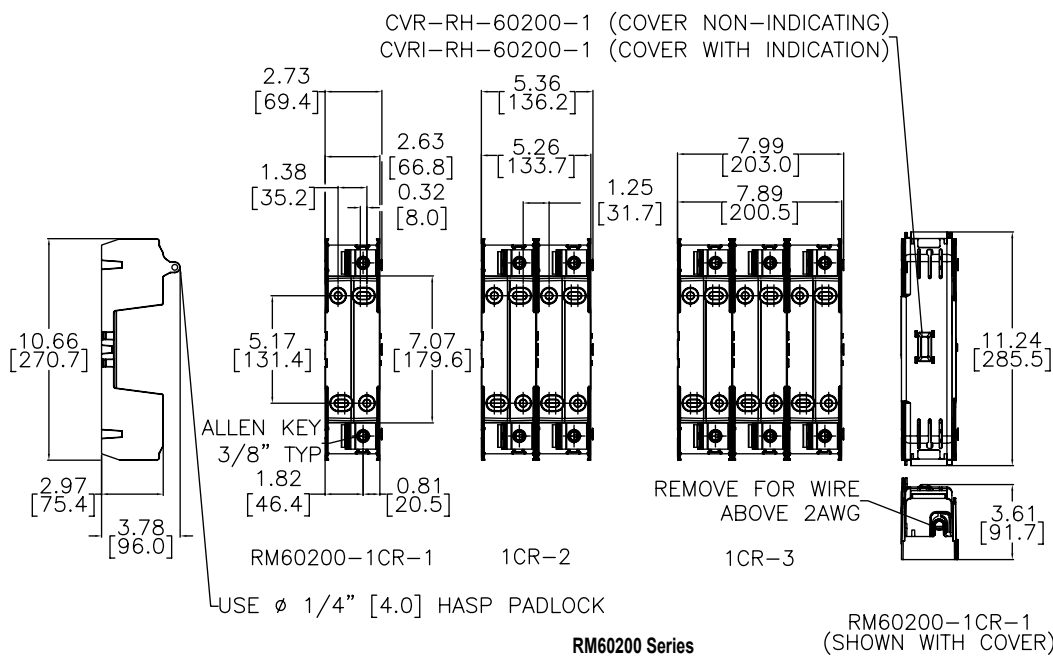
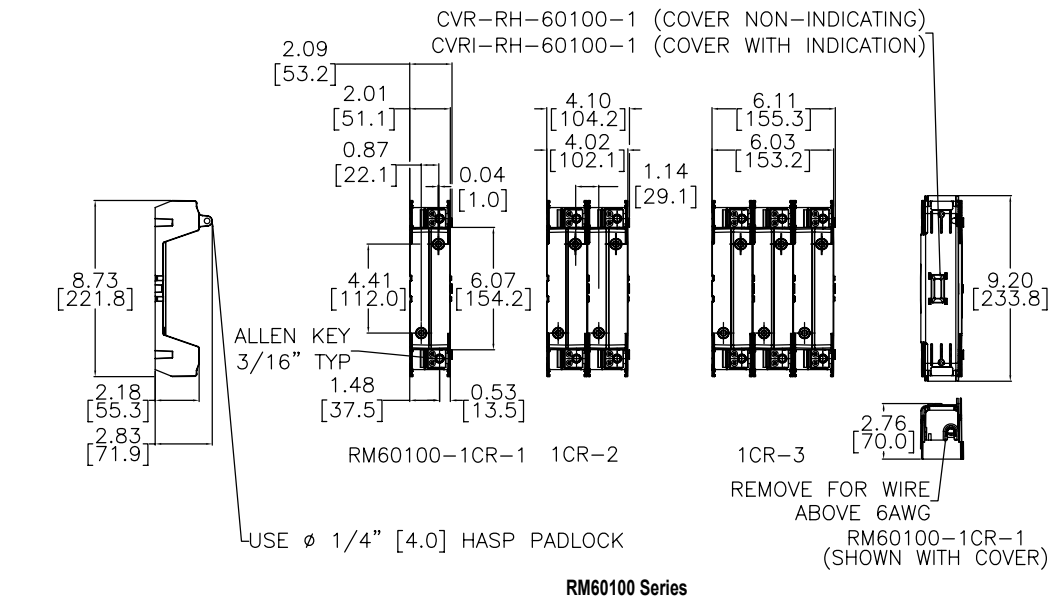


RM25600 Series

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# Fuse Blocks for Class R Fuses

Dimensions *in [mm]*



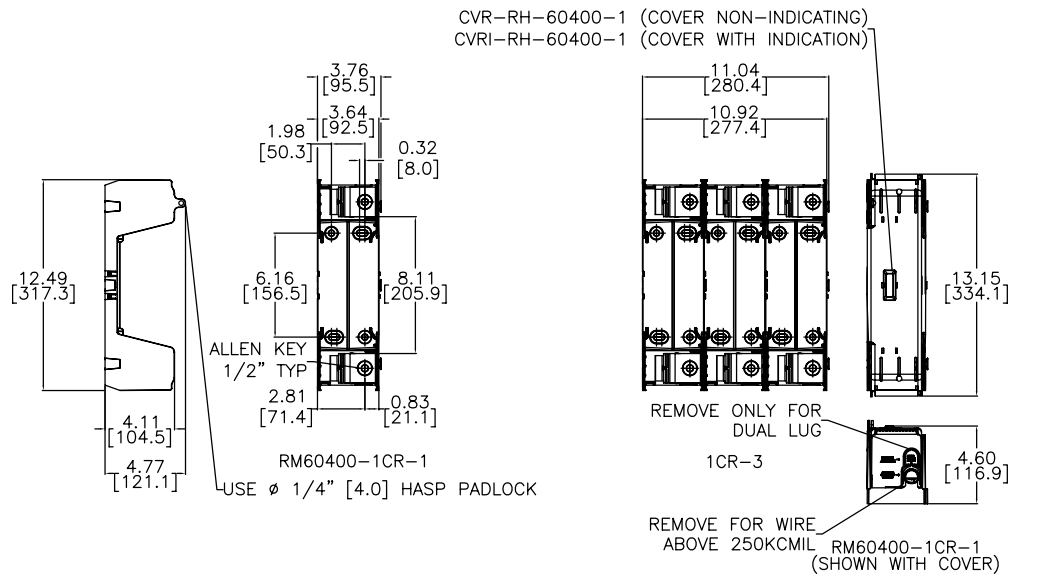
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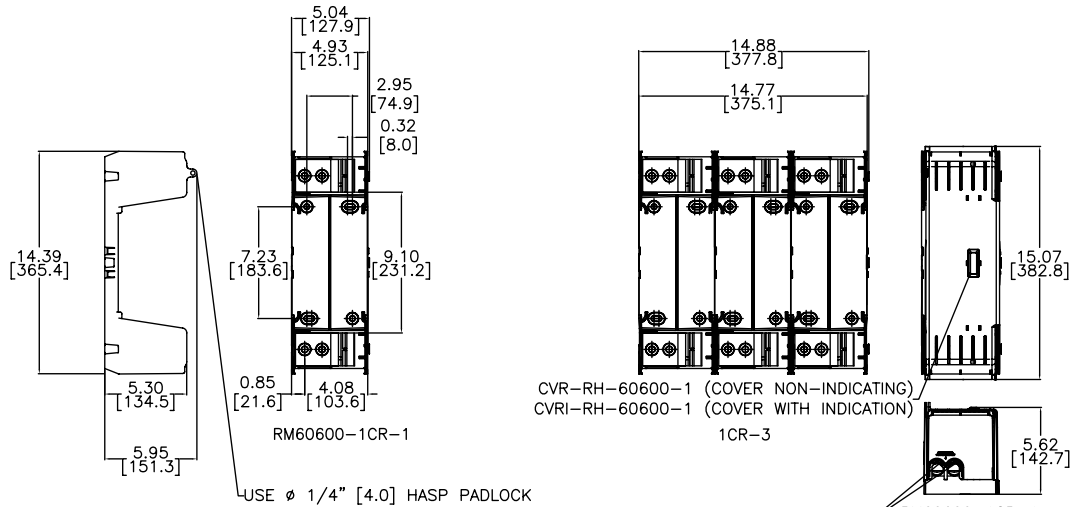
# Fuse Blocks for Class R Fuses



Dimensions in [mm]



RM60400 Series



RM60600 Series

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