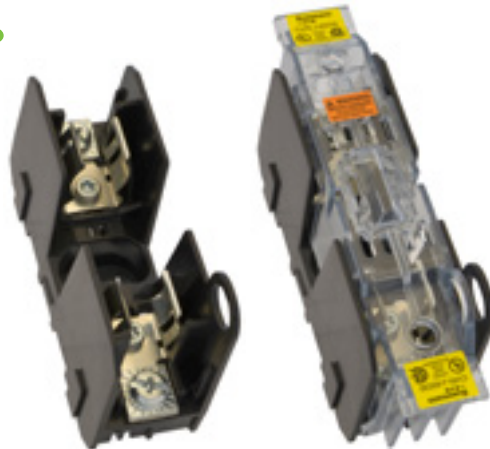


# Class H(K), J and R modular ferrule fuse blocks



## Product description:

HM Class H(K) JM Class J and RM Class R modular ferrule fuse blocks for fuses up to 60 amps.

The new Bussmann® series fuse blocks contain multiple features that increase versatility, reduce labor and enhance safety for any panel or electrical system design.

## Features and benefits:

- Available in 1-, 2-, and 3-pole configurations to meet stocking requirements.
- To reduce inventory, assembly time and labor, modular single-pole blocks snap-together for tool-less assembly of multiple poles at point of use.
- DIN-Rail and panel mount versatility allows one product to be used for multiple applications with lower inventory cost.
- Save panel space with the smallest width dimension on the market.
- Optional see-through, IP20 finger-safe covers enhance safety with lock-out/tag-out capability.
- Optional open fuse indication on covers speeds troubleshooting.
- Easy circuit identification with available universal marker labels for blocks and covers.

## Specifications

### Ratings:

- Volts Class H 250V, 600V  
Class J 600V  
Class R 250V, 600V
- Amps up to 60A
- Withstand Class J and R 200kA RMS Sym  
Class H(K) 10kA RMS Sym

### Agency information:

#### Blocks:

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

#### Covers:

- UL Listed E58836 - JDVS
- CSA Certified 47235-6225-01
- RoHS Compliant
- REACH declaration available upon request

### Poles:

- 1-, 2-, 3-pole units factory assembled
- Single-pole units snap together to create desired number of poles

### Flammability ratings:

- Blocks — UL 94V0, self-extinguishing
- Covers — UL 94HB, self-extinguishing

### Operating and storage temperature range:

- Blocks -40°C to +120°C
- Non-Indicating covers -40°C to +120°C
- Indicating covers -20°C to +90°C\*

\* Indication requires minimum 90Vac/dc and closed circuit to illuminate.

### Materials:

- Base — Thermoplastic
- Terminals — Tin-plated copper brass
- Covers — Thermoplastic

Table 1. Terminals, conductors and torque values

| Terminal type         | AWG type/range       | Torque |             |
|-----------------------|----------------------|--------|-------------|
|                       |                      | AWG    | Lb-in (N•m) |
| Box Lug ("CR" Option) | 75°C Cu 2-14, AL 2-8 | 2-3;   | 50 (5.6)    |
|                       |                      | 4-6;   | 45 (5.1)    |
|                       |                      | 8;     | 40 (4.5)    |
|                       |                      | 10-14; | 35 (4.0)    |
| All other terminals*  | 75/90°C Cu 10-18     | 10-18; | 20 (2.3)    |

\* 3/16" Quick Connect terminal maximum ampacity dependent on female spade connector and wire ratings.

### Recommended Bussmann series fuses:

#### Class H(K)

- Basic protection general purpose 250V NON, data sheet No. 1030
- Basic protection general purpose 600V NOS, data sheet No. 1030

#### Class J

- Ultimate protection Low-Peak™ LPJ time-delay fuses, data sheet No. 1006
- Advanced protection Limitron™ JKS fast-acting fuses, data sheet No. 1026

#### Class R

- Ultimate protection Low-Peak LPN 250V time-delay, data sheet No. 1003
- Ultimate protection Low-Peak LPS 600V time-delay, data sheet No. 1001
- Advanced protection Limitron KTN-R 250V fast-acting, data sheet No. 1043
- Advanced protection Limitron KTS-R 600V fast-acting, data sheet No. 1044
- Advanced protection energy efficient Fusetron™ FRN 250V time-delay, data sheet No. 1019
- Advanced protection energy efficient Fusetron FRS, 600V time-delay, data sheet No. 1017

### Recommended Bussmann series DIN-Rail end stops:

- Part No. BRKT-ND
- Part No. BRKT-NDSCREW2

### Marker labels:

- Use Bussmann series part number TM26CB

Table 2. Class H fuse block catalog numbers

| Box lug     | Terminal type          |                           |                | Volts | Fuse amp range | Poles |
|-------------|------------------------|---------------------------|----------------|-------|----------------|-------|
|             | #10-32 Phil-slot screw | Screw with quick-connect* | Pressure plate |       |                |       |
| HM25030-1CR | HM25030-1SR            | HM25030-1QR               | HM25030-1PR    | 250   | 1/2 to 30      | 1     |
| HM25030-2CR | HM25030-2SR            | HM25030-2QR               | HM25030-2PR    |       |                | 2     |
| HM25030-3CR | HM25030-3SR            | HM25030-3QR               | HM25030-3PR    |       |                | 3     |
| HM25060-1CR | —                      | —                         | —              |       | 31 to 60       | 1     |
| HM25060-2CR | —                      | —                         | —              |       |                | 2     |
| HM25060-3CR | —                      | —                         | —              |       |                | 3     |
| HM60030-1CR | HM60030-1SR            | —                         | HM60030-1PR    | 600   | 1/2 to 30      | 1     |
| HM60030-2CR | HM60030-2SR            | —                         | HM60030-2PR    |       |                | 2     |
| HM60030-3CR | HM60030-3SR            | —                         | HM60030-3PR    |       |                | 3     |
| HM60060-1CR | —                      | —                         | —              |       | 31 to 60       | 1     |
| HM60060-2CR | —                      | —                         | —              |       |                | 2     |
| HM60060-3CR | —                      | —                         | —              |       |                | 3     |

\* 3/16" Quick Connect terminal maximum ampacity dependent on female spade connector and wire ratings.

Table 3. Class H block covers

| Fuse block series | Volts | Amp range | Catalog numbers |                |
|-------------------|-------|-----------|-----------------|----------------|
|                   |       |           | Indicating      | Non-indicating |
| HM25030-#XX       | 250   | 1/2 to 30 | CVRI-RH-25030   | CVR-RH-25030   |
| HM25060-#XX       |       | 31 to 60  | CVRI-RH-25060   | CVR-RH-25060   |
| HM60030-#XX       | 600   | 1/2 to 30 | CVRI-RH-60030   | CVR-RH-60030   |
| HM60060-#XX       |       | 31 to 60  | CVRI-RH-60060   | CVR-RH-60060   |

# = number of poles

XX = terminal type



Table 4. Class R fuse block catalog numbers

| Box lug     | Terminal type          |                          |                | Volts | Fuse amp range | Poles |
|-------------|------------------------|--------------------------|----------------|-------|----------------|-------|
|             | #10-32 Phil-slot screw | Screw with quick-connect | Pressure plate |       |                |       |
| RM25030-1CR | RM25030-1SR            | RM25030-1QR              | RM25030-1PR    | 250   | 1/2 to 30      | 1     |
| RM25030-2CR | RM25030-2SR            | RM25030-2QR              | RM25030-2PR    |       |                | 2     |
| RM25030-3CR | RM25030-3SR            | RM25030-3QR              | RM25030-3PR    |       |                | 3     |
| RM25060-1CR | —                      | —                        | —              |       | 31 to 60       | 1     |
| RM25060-2CR | —                      | —                        | —              |       |                | 2     |
| RM25060-3CR | —                      | —                        | —              |       |                | 3     |
| RM60030-1CR | RM60030-1SR            | —                        | RM60030-1PR    | 600   | 1/2 to 30      | 1     |
| RM60030-2CR | RM60030-2SR            | —                        | RM60030-2PR    |       |                | 2     |
| RM60030-3CR | RM60030-3SR            | —                        | RM60030-3PR    |       |                | 3     |
| RM60060-1CR | —                      | —                        | —              |       | 31 to 60       | 1     |
| RM60060-2CR | —                      | —                        | —              |       |                | 2     |
| RM60060-3CR | —                      | —                        | —              |       |                | 3     |

\* 3/16" Quick Connect terminal maximum ampacity dependent on female spade connector and wire ratings.

Table 5. Class R block covers

| Fuse block series | Volts | Amp range | Catalog numbers |                |
|-------------------|-------|-----------|-----------------|----------------|
|                   |       |           | Indicating      | Non-indicating |
| RM25030-#XX       | 250   | 1/2 to 30 | CVRI-RH-25030   | CVR-RH-25030   |
| RM25060-#XX       |       | 31 to 60  | CVRI-RH-25060   | CVR-RH-25060   |
| RM60030-#XX       | 600   | 1/2 to 30 | CVRI-RH-60030   | CVR-RH-60030   |
| RM60060-#XX       |       | 31 to 60  | CVRI-RH-60060   | CVR-RH-60060   |

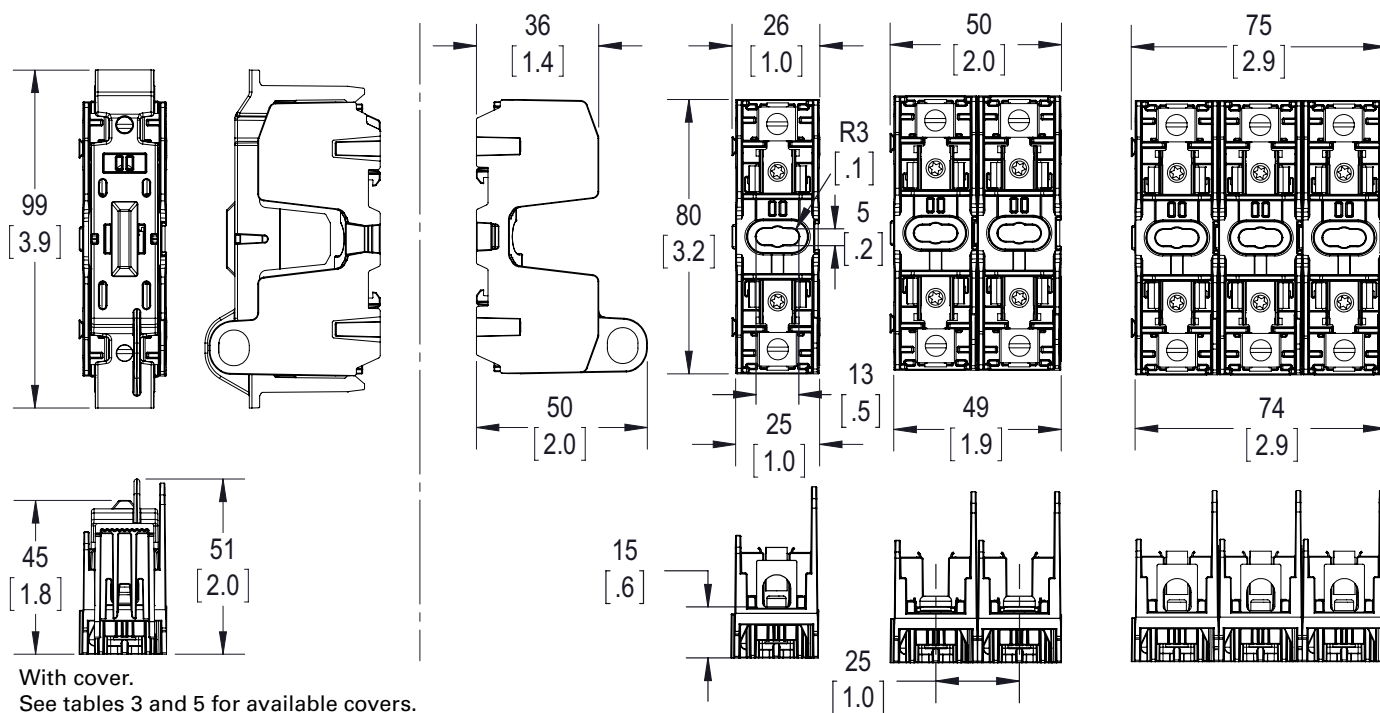
# = number of poles

XX = terminal type

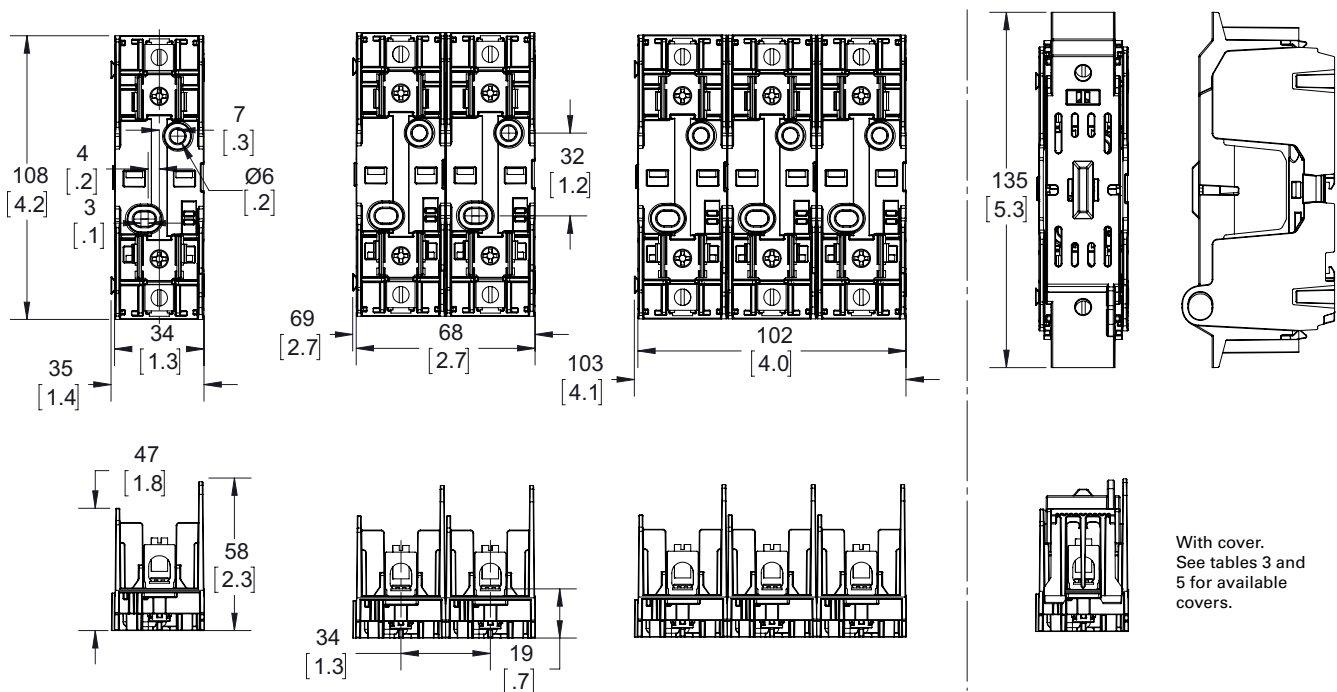


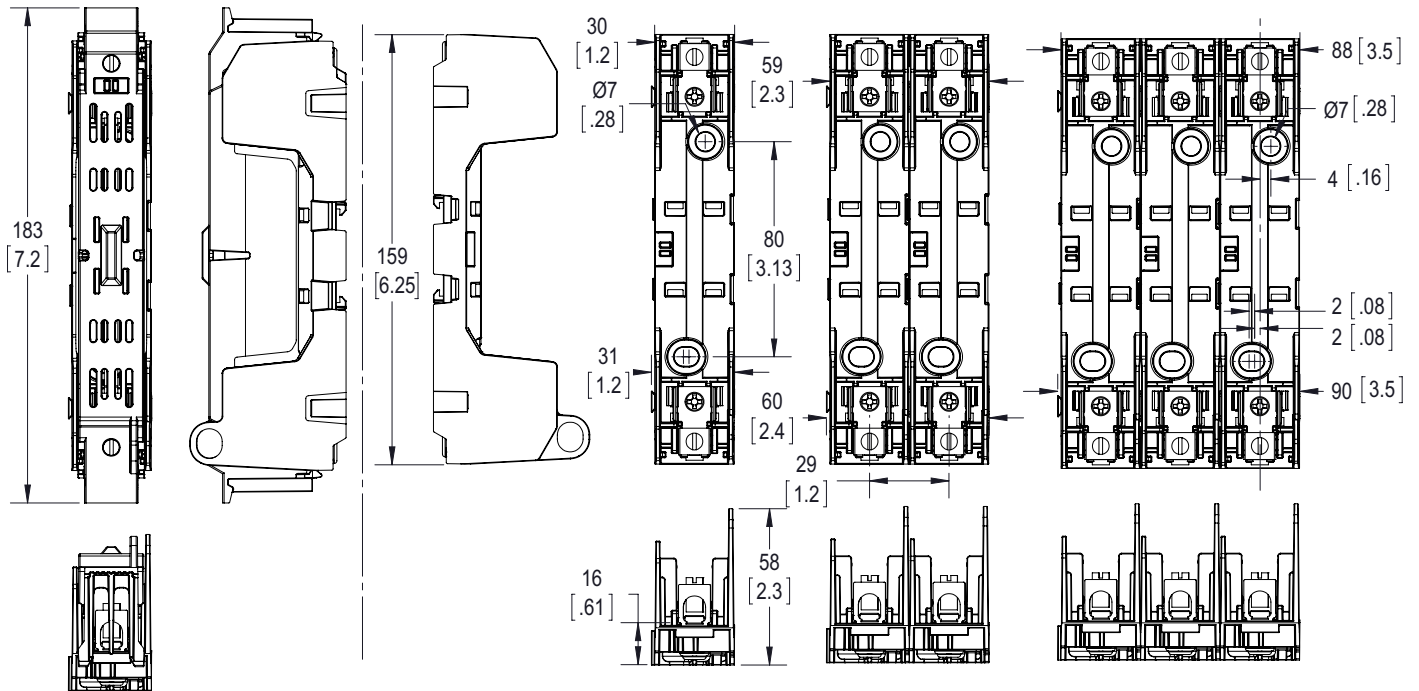
# Dimensions - mm (in):

## Class H(K) and R 250V - 30A block

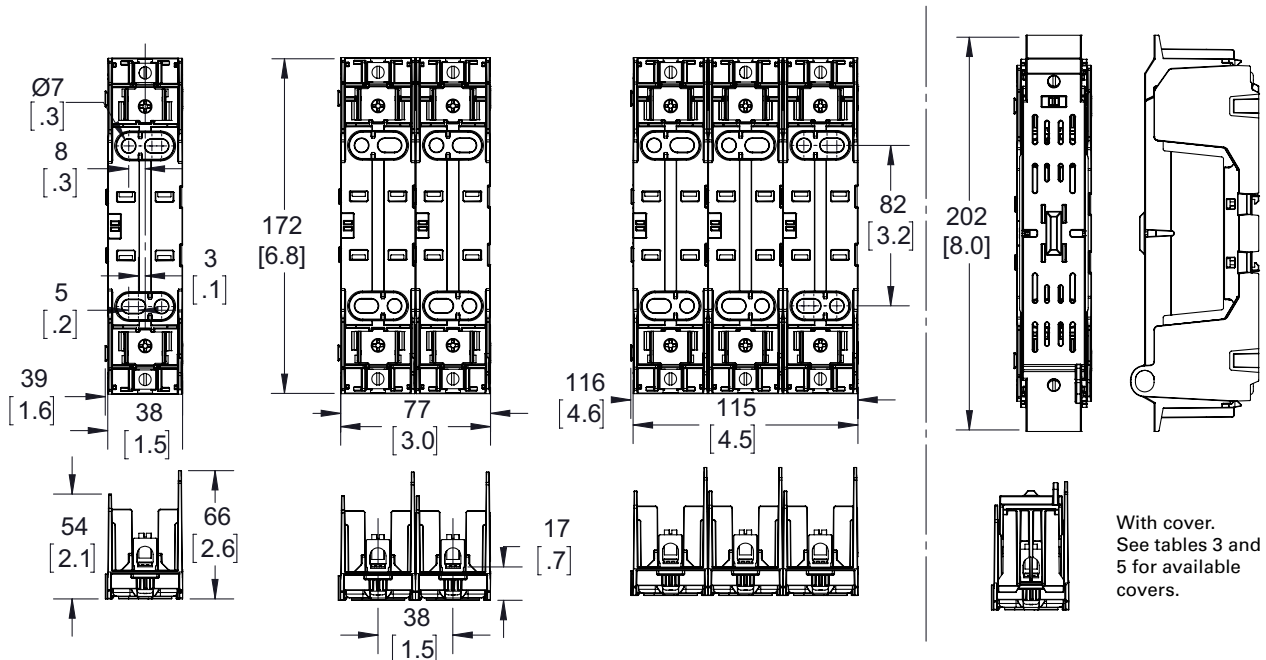


## Class H(K) and R 250V - 60A block



**Dimensions - mm (in):****Class H(K) and R 600V - 30A block**

With cover.  
See tables 3 and 5 for available covers.

**Class H(K) and R 600V - 60A block**

With cover.  
See tables 3 and 5 for available covers.

**Table 6. Class J fuse block catalog numbers**

| Terminal type |                        |                | Volts | Fuse amp range | Poles |
|---------------|------------------------|----------------|-------|----------------|-------|
| Box lug       | #10-32 Phil-slot screw | Pressure plate |       |                |       |
| JM60030-1CR   | JM60030-1SR            | JM60030-1PR    | 600   | 1/2 to 30      | 1     |
| JM60030-2CR   | JM60030-2SR            | JM60030-2PR    |       |                | 2     |
| JM60030-3CR   | JM60030-3SR            | JM60030-3PR    |       |                | 3     |
| JM60060-1CR   | —                      | —              | 600   | 31 to 60       | 1     |
| JM60060-2CR   | —                      | —              |       |                | 2     |
| JM60060-3CR   | —                      | —              |       |                | 3     |

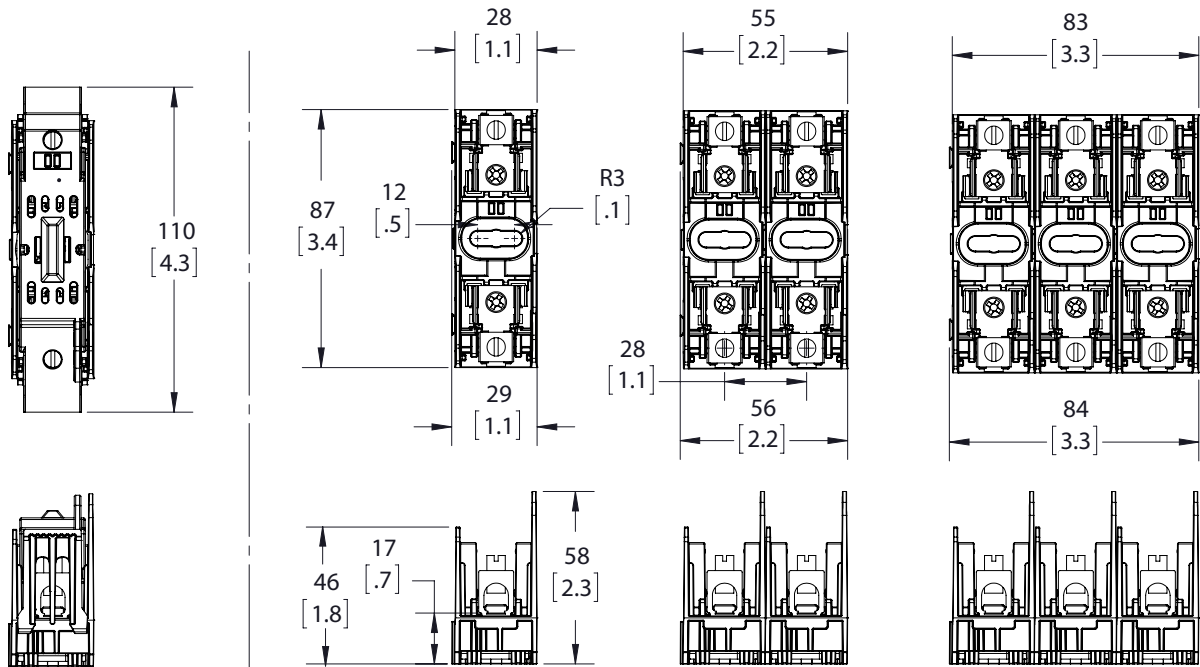
**Table 7. Class J block covers**

| Fuse block series | Volts | Amp range | Catalog numbers |                |
|-------------------|-------|-----------|-----------------|----------------|
|                   |       |           | Indicating      | Non-indicating |
| JM60030-#XX       | 600   | 1/2 to 30 | CVRI-J-60030    | CVR-J-60030    |
| JM60060-#XX       |       | 31 to 60  | CVRI-J-60060    | CVR-J-60060    |

# = number of poles

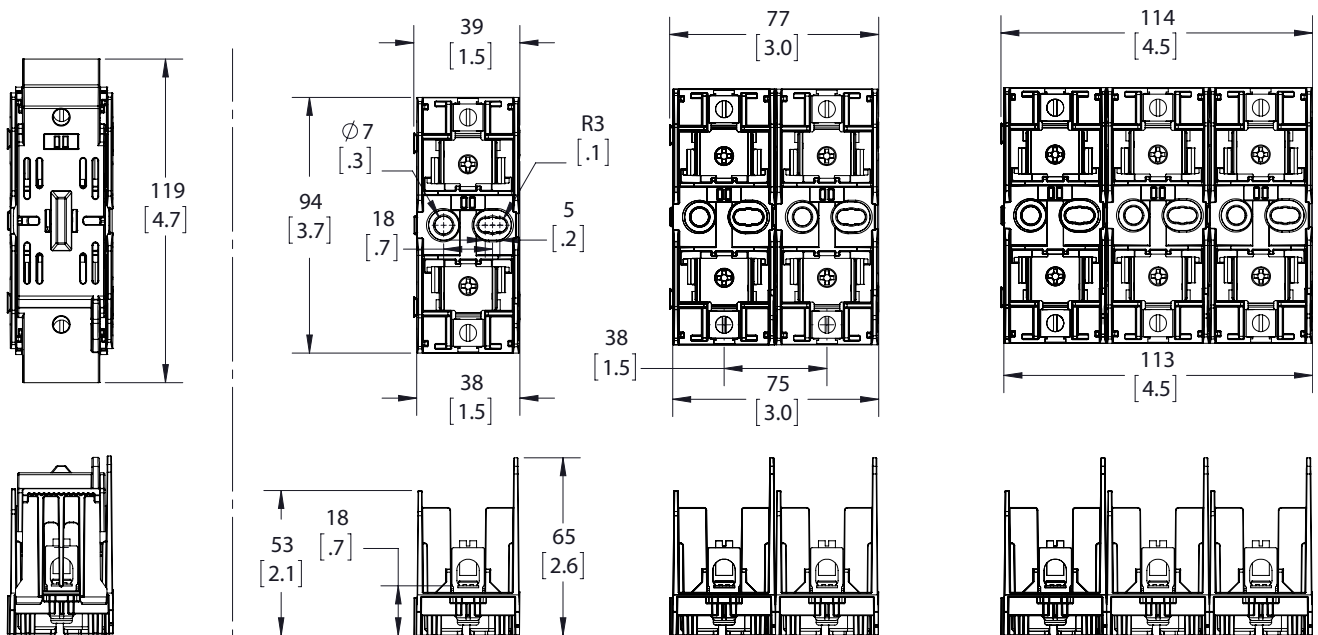
XX = terminal type



**Dimensions - mm (in):****Class J - 30A block**

With cover.

See table 7 for available covers.

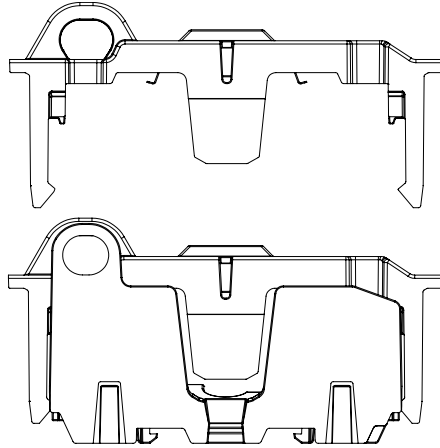
**Class J - 60A block**

With cover.

See table 7 for available covers.

### Installing/removing covers

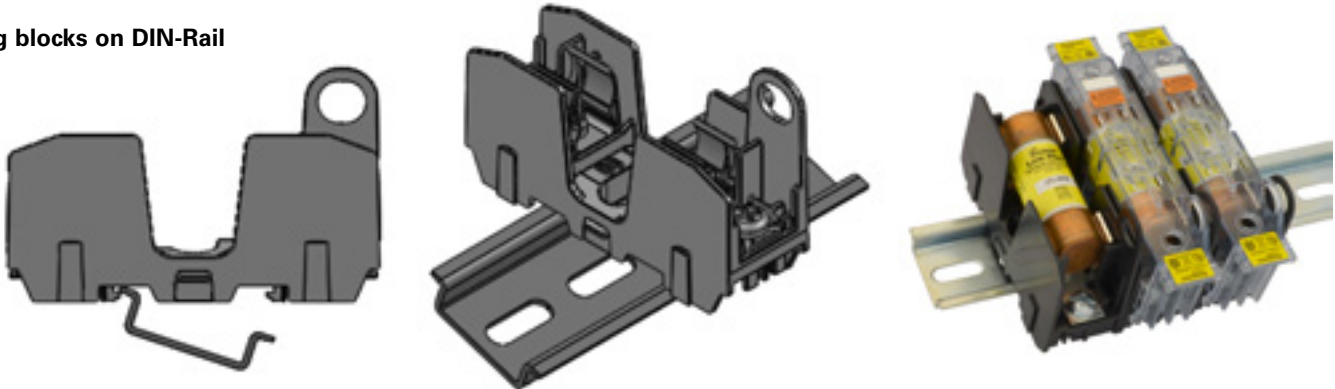
Closing cover: Position cover over block and push straight down until it snaps/clicks into place.



Opening cover: Using both outside handles, pull straight up.



### Installing blocks on DIN-Rail



Place one edge of DIN-Rail in fuse block base, then rotate block down until it clicks into place.

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