

# Class H(K) and R Fuse Blocks – 250V

## H250 & R250 Series

**Specifications**

**Descriptions:**

**H250 Series:** 1-, 2- and 3-pole fuse blocks for use with Class H fuses.

**R250 Series:** 1-, 2- and 3-pole fuse blocks for use with Class R fuses (Bussmann LPN-RK and FRN-R and KTN-R fuses).

**Dimensions:** See Dimensions illustrations.

**Ratings:**

Volts: — 250Vac/dc (H250 & R250 Series)

Amps: — 1/10-100A

SCCR: — H250 Series; 10kA RMS Sym.

— R250 Series; 200kA RMS Sym.



**Agency Information:** CE, UL Listed UL 4248, Guide IZLT, File E14853; CSA Certified, Class 6225-01, File 47235.

**Flammability Rating:** UL 94V0.

**Features and Benefits**

- H250 fuse blocks provide one, two and three pole housing for Class H, K and R fuses at 250Vac.
- H250 fuse blocks are listed with a Short-Circuit Current Rating of 10kA RMS Sym.
- R250 fuse blocks provide 1-, 2- and 3-pole housing for Class R fuses at 250Vac.
- R250 fuse blocks are listed with a Short-Circuit Current Rating of 200kA RMS Sym.

**Typical Applications**

- 250Vac/dc or less Control Systems
- 250Vac/dc or less Industrial Control
- 250Vac/dc or less Industrial Control Circuits

**Recommended DIN-Rail adapters for the 1/10-30A series**

- see page 509.

**Class H Fuseblocks (250V) Catalog Data (for NON and REN Fuses)**

| Amps       | Poles | Terminal Type (Suffix No.) |   |                             |                |  |            |                             |             |                     |   | Figure Number   | Wire Range |
|------------|-------|----------------------------|---|-----------------------------|----------------|--|------------|-----------------------------|-------------|---------------------|---|---|------------|
|            |       | Screw                      |   |                             |                |  | Box Lug w/ |                             |             |                     |   |   |            |
|            |       | Catalog Number             | — | Clip with Reinforced Spring | Pressure Plate | Pressure Plate & Clip with Reinforced Spring | —          | Clip with Reinforced Spring | Copper Only | 0.25" Quick Connect |   |   |            |
| 1/10 to 30 | 1     | H25030-1                   | S | SR                          | P              | PR   | C          | CR                          | —           | Q                   | 1 | C, CR #2-14 Cu, #2-12 Al<br>P, PR #10-18 Cu Only<br>Q N/A<br>S, SR #10-18 Cu Only |            |
|            | 2     | H25030-2                   | S | SR                          | P              | PR   | C          | CR                          | —           | —                   | 2 |   |            |
|            | 3     | H25030-3                   | S | SR                          | P              | PR   | C          | CR                          | —           | —                   | 3 |   |            |
| 31 to 60   | 1     | H25060-1                   | — | —                           | —              | —  | C          | CR                          | CO          | —                   | 4 | C, CR #2-14 Cu, #2-8 Al<br>CO #2-14 Cu Only                                       |            |
|            | 2     | H25060-2                   | — | —                           | —              | —  | C          | CR                          | CO          | —                   | 5 |   |            |
|            | 3     | H25060-3                   | — | —                           | —              | —  | C          | CR                          | CO          | —                   | 6 |   |            |
| 61 to 100  | 1     | H25100-1                   | — | SR                          | —              | —  | —          | CR                          | —           | —                   | 7 | CR #1/0-8 Cu/Al<br>SR #8W/ Ring Terminal  |            |
|            | 2     | H25100-2                   | — | SR                          | —              | —  | —          | CR                          | —           | —                   | 8 |   |            |
|            | 3     | H25100-3                   | — | SR                          | —              | —  | —          | CR                          | —           | —                   | 9 |   |            |

# Class H(K) and R Fuse Blocks – 250V

## Class R Fuseblocks (250V) Catalog Data (for LPN-RK, FRN-R and KTN-R Fuses)

| Amps       | Poles | Catalog Number | Terminal Type (Suffix No.) |             |            |                     | Fig. No. | Wire Range |  |
|------------|-------|----------------|----------------------------|-------------|------------|---------------------|----------|------------|--|
|            |       |                | Screw w/                   | Pres. Plate | Box Lug w/ | 0.25" Quick-Connect |          |            |  |
| 1/40 to 30 | 1     | R25030-1       | SR                         | PR          | CR         | COR                 | QR*      | 1          | COR #6-14 Cu Only                                |
|            | 2     | R25030-2       | SR                         | PR          | CR         | COR                 | —        | 2          | CR #2-14 Cu, #2-12 Al                            |
|            | 3     | R25030-3       | SR                         | PR          | CR         | COR                 | —        | 3          | PR #10-18 Cu Only<br>QR N/A<br>SR #10-18 Cu Only |
| 31 to 60   | 1     | R25060-1       | —                          | —           | CR         | —                   | —        | 4          | CR #2-14 Cu, #2-8 Al                             |
|            | 2     | R25060-2       | —                          | —           | CR         | —                   | —        | 5          |  |
|            | 3     | R25060-3       | —                          | —           | CR         | —                   | —        | 6          |  |
| 61 to 100  | 1     | R25100-1       | —                          | —           | CR         | —                   | —        | 7          | CR 1/0-8 Cu/Al                                   |
|            | 2     | R25100-2       | —                          | —           | CR         | —                   | —        | 8          |  |
|            | 3     | R25100-3       | —                          | —           | CR         | —                   | —        | 9          |  |

### Dimensions - in 250V 1/40 to 30A

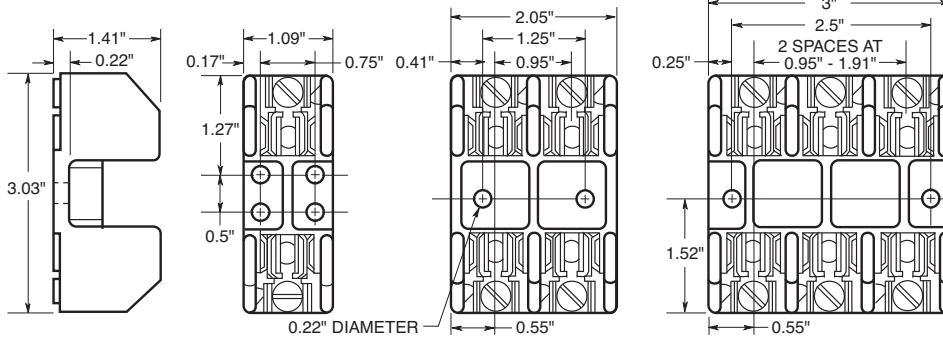


FIGURE 1.

FIGURE 2.

FIGURE 3.

### 250V, 31A to 60A

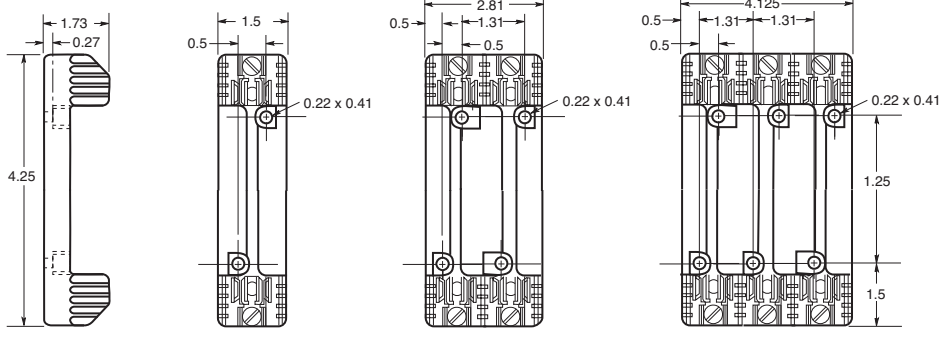


FIGURE 4.

FIGURE 5.

FIGURE 6.

### 250V, 61A to 100A

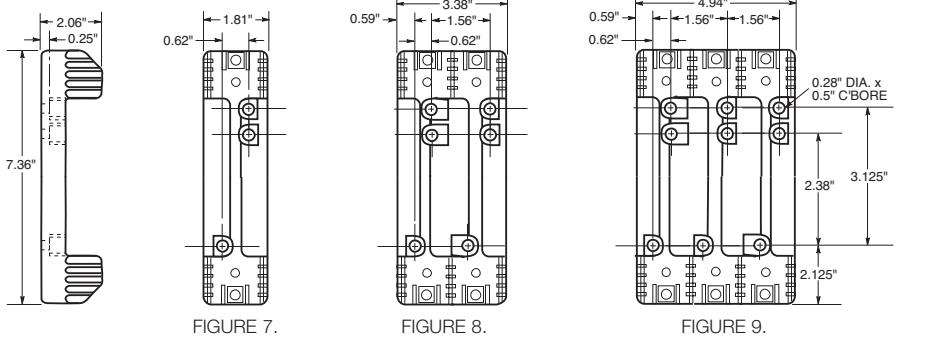


FIGURE 7.

FIGURE 8.

FIGURE 9.

Data Sheet: H250 Series, 1112; R250 Series, 1110

For product data sheets, visit [www.cooperbussmann.com/DatasheetsEle](http://www.cooperbussmann.com/DatasheetsEle)

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**R250 Series:** 1-, 2- and 3-pole fuse blocks for use with Class R fuses (Bussmann LPN-RK and FRN-R and KTN-R fuses).

**Dimensions:** See Dimensions illustrations.

**Ratings:**

Volts: — 250Vac/dc (H250 & R250 Series)

Amps: — 1/10-100A

SCCR: — H250 Series; 10kA RMS Sym.

— R250 Series; 200kA RMS Sym.



**Agency Information:** CE, UL Listed UL 4248, Guide IZLT, File E14853; CSA Certified, Class 6225-01, File 47235.

**Flammability Rating:** UL 94V0.

**Features and Benefits**

- H250 fuse blocks provide one, two and three pole housing for Class H, K and R fuses at 250Vac.
- H250 fuse blocks are listed with a Short-Circuit Current Rating of 10kA RMS Sym.
- R250 fuse blocks provide 1-, 2- and 3-pole housing for Class R fuses at 250Vac.
- R250 fuse blocks are listed with a Short-Circuit Current Rating of 200kA RMS Sym.

**Typical Applications**

- 250Vac/dc or less Control Systems
- 250Vac/dc or less Industrial Control
- 250Vac/dc or less Industrial Control Circuits

**Recommended DIN-Rail adapters for the 1/10-30A series**

- see page 509.

**Class H Fuseblocks (250V) Catalog Data (for NON and REN Fuses)**

| Amps       | Poles | Terminal Type (Suffix No.) |   |                             |                |  |            |                             |             |                     |   | Figure Number   | Wire Range |
|------------|-------|----------------------------|---|-----------------------------|----------------|--|------------|-----------------------------|-------------|---------------------|---|---|------------|
|            |       | Screw                      |   |                             |                |  | Box Lug w/ |                             |             |                     |   |   |            |
|            |       | Catalog Number             | — | Clip with Reinforced Spring | Pressure Plate | Pressure Plate & Clip with Reinforced Spring | —          | Clip with Reinforced Spring | Copper Only | 0.25" Quick Connect |   |   |            |
| 1/10 to 30 | 1     | H25030-1                   | S | SR                          | P              | PR   | C          | CR                          | —           | Q                   | 1 | C, CR #2-14 Cu, #2-12 Al<br>P, PR #10-18 Cu Only<br>Q N/A<br>S, SR #10-18 Cu Only |            |
|            | 2     | H25030-2                   | S | SR                          | P              | PR   | C          | CR                          | —           | —                   | 2 |   |            |
|            | 3     | H25030-3                   | S | SR                          | P              | PR   | C          | CR                          | —           | —                   | 3 |   |            |
| 31 to 60   | 1     | H25060-1                   | — | —                           | —              | —  | C          | CR                          | CO          | —                   | 4 | C, CR #2-14 Cu, #2-8 Al<br>CO #2-14 Cu Only                                       |            |
|            | 2     | H25060-2                   | — | —                           | —              | —  | C          | CR                          | CO          | —                   | 5 |   |            |
|            | 3     | H25060-3                   | — | —                           | —              | —  | C          | CR                          | CO          | —                   | 6 |   |            |
| 61 to 100  | 1     | H25100-1                   | — | SR                          | —              | —  | —          | CR                          | —           | —                   | 7 | CR #1/0-8 Cu/Al<br>SR #8W/ Ring Terminal  |            |
|            | 2     | H25100-2                   | — | SR                          | —              | —  | —          | CR                          | —           | —                   | 8 |   |            |
|            | 3     | H25100-3                   | — | SR                          | —              | —  | —          | CR                          | —           | —                   | 9 |   |            |

# Class H(K) and R Fuse Blocks – 250V

## Class R Fuseblocks (250V) Catalog Data (for LPN-RK, FRN-R and KTN-R Fuses)

| Amps       | Poles | Catalog Number | Terminal Type (Suffix No.) |            |                     |     | Fig. No. | Wire Range |  |
|------------|-------|----------------|----------------------------|------------|---------------------|-----|----------|------------|--|
|            |       |                | Screw w/                   | Box Lug w/ | 0.25" Quick-Connect |     |          |            |  |
| 1/40 to 30 | 1     | R25030-1       | SR                         | PR         | CR                  | COR | QR*      | 1          | COR #6-14 Cu Only                                |
|            | 2     | R25030-2       | SR                         | PR         | CR                  | COR | —        | 2          | CR #2-14 Cu, #2-12 Al                            |
|            | 3     | R25030-3       | SR                         | PR         | CR                  | COR | —        | 3          | PR #10-18 Cu Only<br>QR N/A<br>SR #10-18 Cu Only |
| 31 to 60   | 1     | R25060-1       | —                          | —          | CR                  | —   | —        | 4          | CR #2-14 Cu, #2-8 Al                             |
|            | 2     | R25060-2       | —                          | —          | CR                  | —   | —        | 5          |  |
|            | 3     | R25060-3       | —                          | —          | CR                  | —   | —        | 6          |  |
| 61 to 100  | 1     | R25100-1       | —                          | —          | CR                  | —   | —        | 7          | CR 1/0-8 Cu/Al                                   |
|            | 2     | R25100-2       | —                          | —          | CR                  | —   | —        | 8          |  |
|            | 3     | R25100-3       | —                          | —          | CR                  | —   | —        | 9          |  |

### Dimensions - in 250V 1/40 to 30A

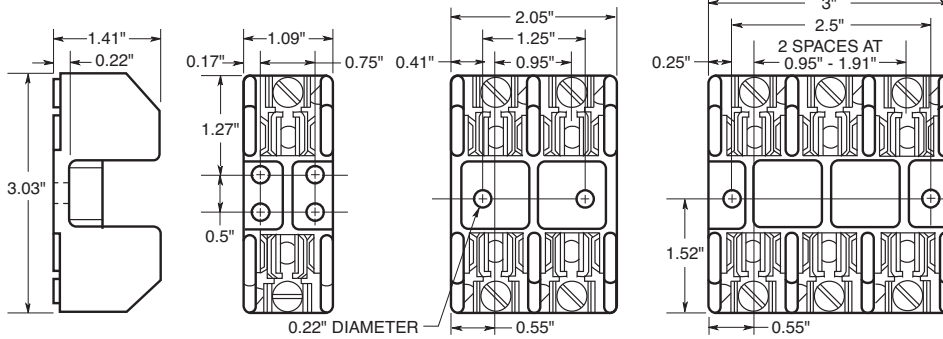


FIGURE 1.

FIGURE 2.

FIGURE 3.

### 250V, 31A to 60A

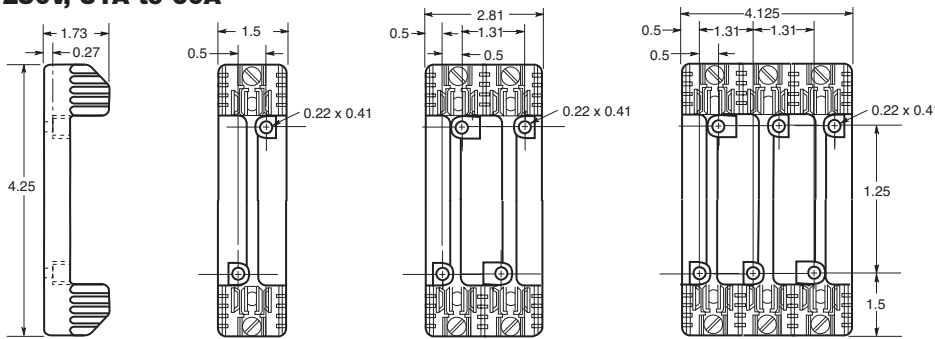


FIGURE 4.

FIGURE 5.

FIGURE 6.

### 250V, 61A to 100A

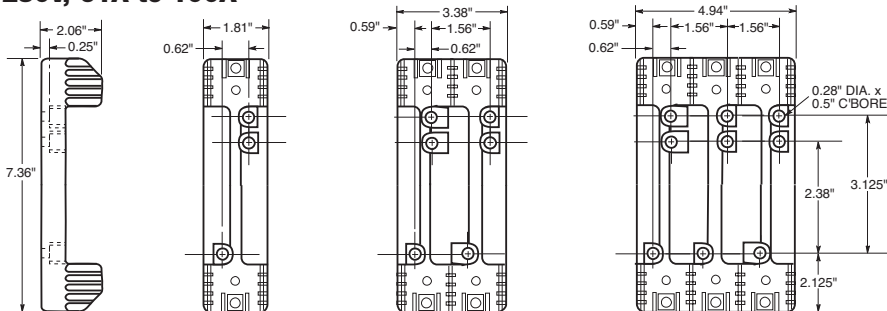


FIGURE 7.

FIGURE 8.

FIGURE 9.

Data Sheet: H250 Series, 1112; R250 Series, 1110

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