

# Class H & K Fuse Holders - 250/600 Volt

## Specifications:

- Approved for 10,000 Amp Withstand Rating and Short Circuit Withstand Rating
- UL Listed File No. IZLT.E35113
- CSA Certified File No. LR21455
- CEC
- RoHS Compliant

## 30 & 60 Amp

- Clip, Copper Alloy, Tin Plated
- Cool-Clip® Design
- For box connectors, internal hex screw option available

## 200 Amp

- Clip, One Piece Aluminum, Tin Plated

## 100 Amp

- Clip, Copper Alloy, Tin Plated

## 400 & 600 Amp

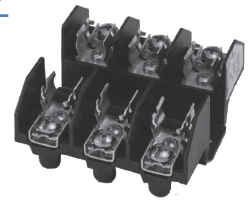
- Clip, Copper Alloy, Tin Plated

## 250 Volts - Catalog #:

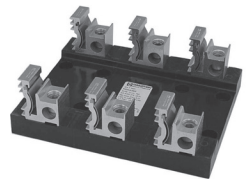
Replace "X" with # of poles

| Standard | Reinforced | Poles (X) | Amps           | Base Materials                   | Wire Range                       | Fuse Size                        | Fuses                                                     |
|----------|------------|-----------|----------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------------------------------------|
| F30AXS   | RF30AXS    | 1/2/3     | 30             | Thermoplastic                    | #10-#22 AWG CU                   | 9/16" DIA BY 2"                  | A2Y<br>CRN<br>NLN<br>NON<br>NRN<br>OT<br>OTN<br>RLN<br>RF |
| F30AXSP  | RF30AXSP   |           |                |                                  | #10-#14 AWG CU                   |                                  |                                                           |
| F30AXB   | RF30AXB    |           |                |                                  | #6-#14 AWG CU                    |                                  |                                                           |
| F60AXSQ* | RF60AXSQ*  |           | #10-#22 AWG CU |                                  | 13/16" DIA BY 3"                 |                                  |                                                           |
| F60AXB   | RF60AXB    |           |                |                                  |                                  | #2-#14 AWG CU<br>#2-#12 AWG AL   |                                                           |
| RF100AXB | SAME       | 100       | Phenolic       | 2/0-#14 AWG CU<br>2/0-#12 AWG AL | 1" DIA BY 5 7/8"                 |                                  |                                                           |
| F200AXBE |            | 1/3       | 200            | Polyester                        | 250 kcmil -<br>#6 AWG CU AL      | 1 1/2" DIA<br>BY 7 1/8"          |                                                           |
| RF400AXB |            |           | 400            | Phenolic                         | (2) 350 kcmil -<br>1/0 AWG CU AL | 2 13/32" DIA<br>BY 8 5/8"        |                                                           |
| F600AXB  |            |           | N/A            |                                  | 600                              | (2) 500 kcmil -<br>1/0 AWG CU AL |                                                           |

\*UL Recognized File No. IZLT2.E35113



F30A3SP



F200A3BE

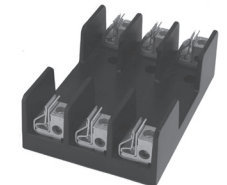
## 600 Volts - Catalog #:

Replace "X" with # of poles

| Standard  | Reinforced | Poles (X) | Amps | Base Materials | Wire Range                       | Fuse Size                  | Fuses                                                       |
|-----------|------------|-----------|------|----------------|----------------------------------|----------------------------|-------------------------------------------------------------|
| 6F30AXS   | R6F30AXS   | 1/2/3     | 30   | Phenolic       | #10-#22 AWG CU                   | 13/16" DIA BY 5"           | A6Y<br>CRS<br>NLS<br>NOS<br>NRS<br>OTS<br>RES<br>RFS<br>RLS |
| 6F30AXSP  | R6F30AXSP  |           |      |                | #10-#14 AWG CU                   |                            |                                                             |
| 6F30AXB   | R6F30AXB   |           |      |                | #6-#14 AWG CU                    |                            |                                                             |
| 6F60AXB   | R6F60AXB   |           | 60   |                | #2-#14 AWG CU<br>#2-#12 AWG AL   | 1 1/16" DIA BY 5 1/2"      |                                                             |
| R6F100AXB | SAME       | 1/3       | 100  | Polyester      | 2/0-#14 AWG CU<br>2/0-#12 AWG AL | 1 11/32" DIA BY 7 7/8"     |                                                             |
| 6F200AXBE |            |           | 200  |                | 250 kcmil -<br>#6 AWG CU AL      | 1 3/4" DIA<br>BY 9 5/8"    |                                                             |
| R6F400AXB |            |           | 400  |                | (2) 350 kcmil -<br>1/0 AWG CU AL | 2 29/32" DIA<br>BY 11 5/8" |                                                             |
| 6F600AXB  | N/A        |           | 600  | Phenolic       | (2) 500 kcmil -<br>1/0 AWG CU AL | 3 7/16" DIA<br>BY 13 3/8"  |                                                             |



6F30A3B



R6F100A3B

Contact Customer Service for Stud Options  
See pages 13-15 for dimensional information

See pages 33-34 for available covers  
See page 35 for DIN Rail Adapter

Copper Box Connectors are available on 30 and 60 amp fuse holders.  
Add CU after the catalog number.

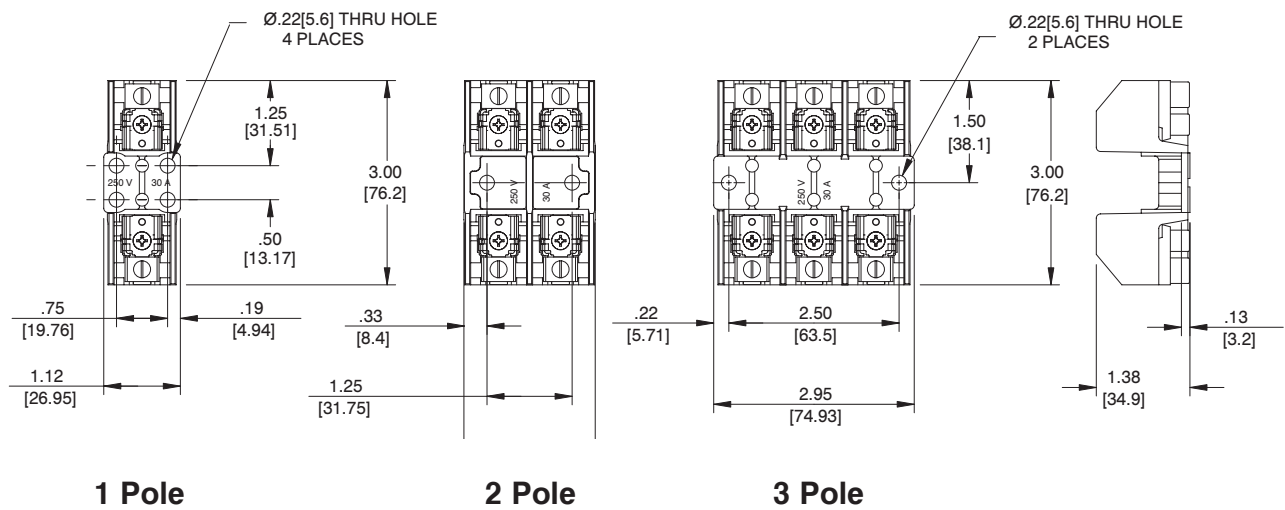
# Class H/K/R Fuse Holder Dimensions

|                       |                            | Figure        | A    | B                    | C    | D    | E    | F   | G   | H    | I   | J   | K                                     | L   |
|-----------------------|----------------------------|---------------|------|----------------------|------|------|------|-----|-----|------|-----|-----|---------------------------------------|-----|
| F30A<br>RF30A<br>R30A | 1 POLE<br>2 POLE<br>3 POLE | SEE FIGURE #1 |      |                      |      |      |      |     |     |      |     |     |                                       |     |
| F60A<br>RF60A<br>R60A | 1 POLE<br>2 POLE<br>3 POLE | FIG 2         | 4.83 | 1.48<br>2.86<br>4.23 | 2.01 | 1.24 | 1.8  | .50 | .49 | 1.33 | N/A | N/A | .218 DIA THRU<br>.40 DIA X .63 C'BORE | .11 |
| RF100A<br>R100A       | 1 POLE<br>2 POLE<br>3 POLE | FIG 2         | 6.12 | 1.93<br>3.49<br>5.05 | 2.44 | 2.37 | 1.87 | .62 | .61 | 1.56 | N/A | N/A | .28 DIA THRU<br>.53 DIA X .59 C'BORE  | .36 |

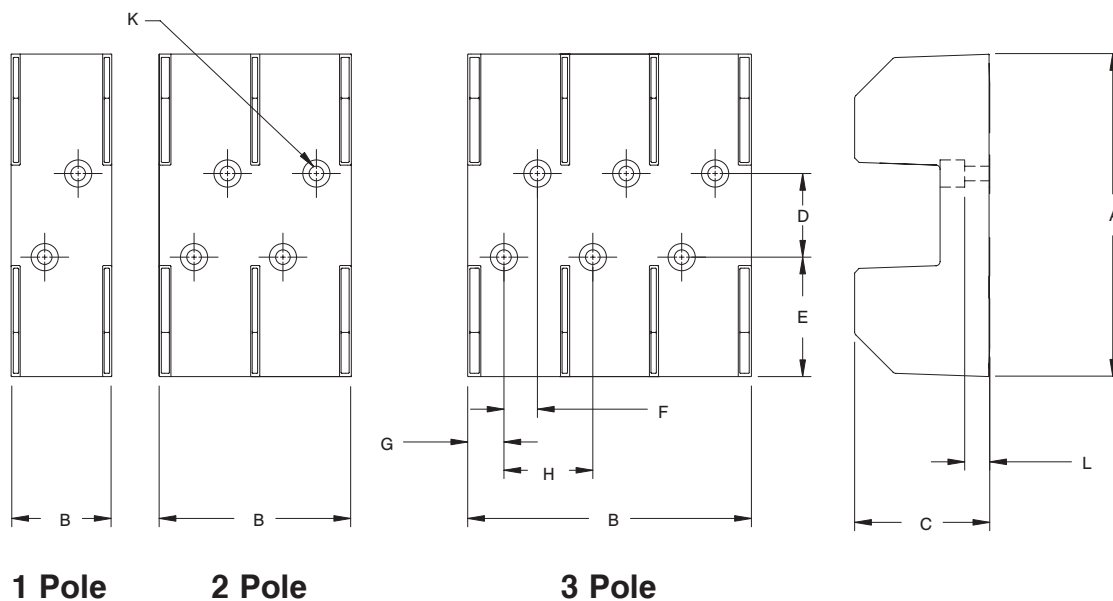
mm = dim X 25.4

For electronic drawings or 2D/3D CAD data, submit request at [www.marathonsp.com/drawings.html](http://www.marathonsp.com/drawings.html)

**FIGURE 1:**



**FIGURE 2:**



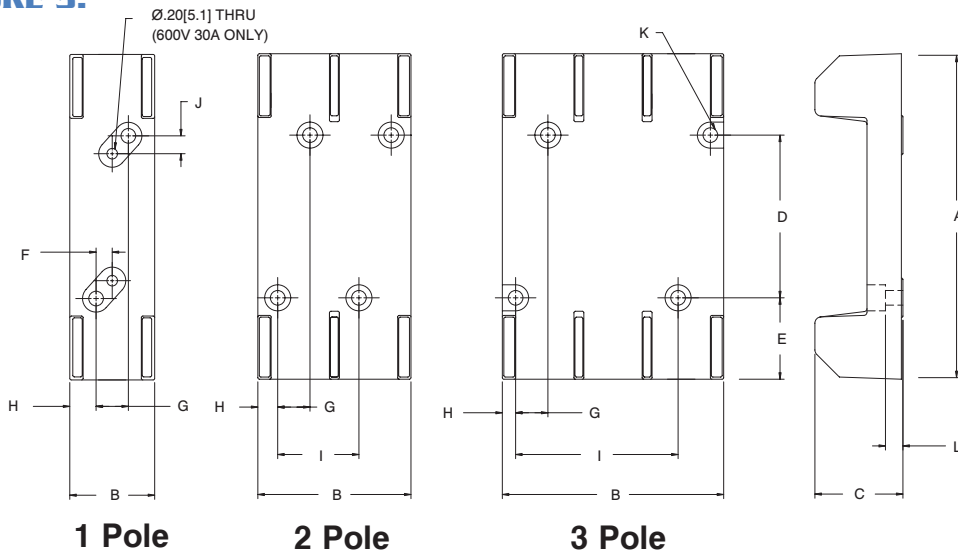
# Class H/K/R Fuse Holder Dimensions

|         |        | Figure | A    | B    | C    | D    | E    | F    | G   | H    | I    | J   | K                                    | L   |
|---------|--------|--------|------|------|------|------|------|------|-----|------|------|-----|--------------------------------------|-----|
| 6F30A   | 1 POLE | FIG 3  | 6.25 | 1.63 |      |      |      | .31  |     | .51  | N/A  | .34 | .28 DIA THRU<br>.50 DIA X .44 C'BORE | .25 |
| R6F30A  | 2 POLE |        |      | 2.94 | 1.69 | 3.13 | 1.56 | N/A  | .62 | .38  | 1.56 | N/A |                                      |     |
| 6R30A   | 3 POLE |        |      | 4.25 |      |      |      | N/A  |     | .25  | 3.13 | N/A |                                      |     |
| 6F60A   | 1 POLE | FIG 3  | 6.75 | 1.95 |      |      |      |      |     |      | N/A  |     | .28 DIA THRU<br>.50 DIA X .50 C'BORE | .33 |
| R6F60A  | 2 POLE |        |      | 3.51 | 2.12 | 3.12 | 1.81 | N/A  | .62 | .66  | 1.56 | N/A |                                      |     |
| 6R60A   | 3 POLE |        |      | 5.08 |      |      |      |      |     |      | 3.12 |     |                                      |     |
| R6F100A | 1 POLE | FIG 3  | 8.12 | 2.10 |      |      |      |      |     |      | N/A  |     | .28 DIA THRU<br>.59 DIA X .64 C'BORE | .23 |
| 6R100A  | 2 POLE |        |      | 3.91 | 2.60 | 4.26 | 1.94 | N/A  | .87 | .61  | 1.81 | N/A |                                      |     |
|         | 3 POLE |        |      | 5.73 |      |      |      |      |     |      | 3.62 |     |                                      |     |
| F200A   | 1 POLE | FIG 4  | 7.13 | 3.00 | 3.01 | 3.00 | 2.06 | 2.00 | .50 | 8.00 | N/A  | N/A | .28 DIA THRU<br>.63 DIA X .38 C'BORE | .26 |
| R200A   | 3 POLE |        |      | 9.00 |      |      |      |      |     |      |      |     |                                      |     |
| 6F200A  | 1 POLE | FIG 4  | 9.63 | 3.00 | 3.01 | 3.00 | 3.31 | 2.00 | .5  | 8.00 | N/A  | N/A | .33 DIA THRU<br>.73 DIA X .44 C'BORE | .26 |
| 6R200A  | 3 POLE |        |      | 9.00 |      |      |      |      |     |      |      |     |                                      |     |

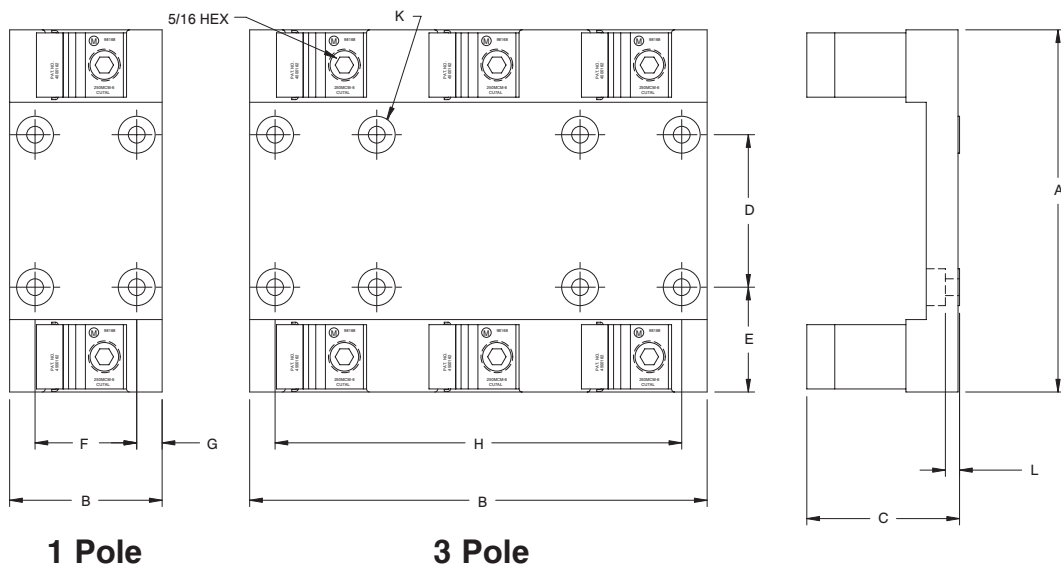
mm = dim X 25.4

For electronic drawings or 2D/3D CAD data, submit request at [www.marathonsp.com/drawings.html](http://www.marathonsp.com/drawings.html)

**FIGURE 3:**



**FIGURE 4:**



# Class H/K/R Fuse Holder Dimensions

|                   |                  | Figure | A     | B             | C    | D    | E    | F             | G   | H   | I   | J           | K                                    | L   |
|-------------------|------------------|--------|-------|---------------|------|------|------|---------------|-----|-----|-----|-------------|--------------------------------------|-----|
| RF400A<br>R400A   | 1 POLE<br>3 POLE | FIG 5  | 11.5  | 3.5<br>10.5   | 3.31 | 4.00 | 3.75 | 2.25<br>9.25  | .62 | N/A | N/A | 5/16<br>HEX | .28 DIA THRU<br>.56 DIA X .44 C'BORE | .19 |
| F600A<br>R600A    | 1 POLE<br>3 POLE | FIG 5  | 14.00 | 4.5<br>12.5   | 4.31 | 5.00 | 4.50 | 3.00<br>11.00 | .75 | N/A | N/A | 3/8<br>HEX  | .28 DIA THRU<br>.56 DIA X .44 C'BORE | .19 |
| R6F400A<br>6R400A | 1 POLE<br>3 POLE | FIG 5  | 14.50 | 3.50<br>10.50 | 3.31 | 7.00 | 3.75 | 2.25<br>9.25  | .62 | N/A | N/A | 5/16<br>HEX | .28 DIA THRU<br>.56 DIA X .44 C'BORE | .19 |
| 6F600A<br>6R600A  | 1 POLE<br>3 POLE | FIG 5  | 17.0  | 4.50<br>12.50 | 4.31 | 8.00 | 4.50 | 3.00<br>11.00 | .75 | N/A | N/A | 3/8<br>HEX  | .28 DIA THRU<br>.56 DIA X .44 C'BORE | .19 |

mm = dim X 25.4

For electronic drawings or 2D/3D CAD data, submit request at [www.marathonsp.com/drawings.html](http://www.marathonsp.com/drawings.html)

**FIGURE 5:**

