

## Fuse Holder, Modular Bolt-down

# MFH6xx3DD

Replace "XX" with 06 or 15 for Voltage Designation  
Add suffix "CH" for snap-on hinged cover (MFH6xx3DD CH)  
Sold in a pair

### Wire Range

- For use with Listed lugs or flexible bus bar

### Electrical Ratings

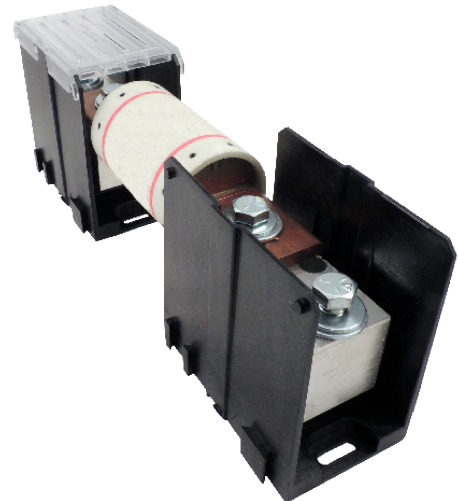
- 600 Amps
- Voltage
  - 600 volts (with MFH6063DD)
  - 1500 volts (with MFH6153DD)
- SC withstand 200kA (600V), 10kA (1500V)
- Factory & field wiring

### Agency Compliance

- UL Recognized fuse holder, evaluated to UL 4248-1, file no. IZLT2.E35113
- cURus - investigated to CSA C22.2 No 4248.1-07

### Material Information

- Insulator base:
  - Thermoplastic
  - Flammability rating of insulator base UL94 V-0
  - Insulator base temperature rating: -40°C to 125°C (UL RTI)
- Connector - Al, tin plated
- Bolt - grade 5 Steel, zinc plated
- Flat washer - Steel, zinc plated
- Bellville washer - Steel, zinc plated
- RoHS compliant

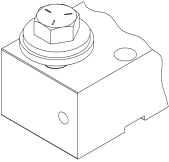


## Catalog Number Information

| Catalog # | Voltage Rating | Suitable Fuse Types                 | Amperage Rating | Withstand Rating kA | Fuse, Line, Load Terminal Stud Size |
|-----------|----------------|-------------------------------------|-----------------|---------------------|-------------------------------------|
| MFH6063DD | 600V           | Class J                             | 201 - 400A      | 200kA               | 3/8" Stud                           |
|           |                | Class T                             |                 |                     |                                     |
|           |                | Specialty/Semi-Conductor/High-Speed | 600A Max        | Note 1              |                                     |
| MFH6153DD | 1500V          | Specialty/Semi-Conductor/High-Speed | 600A Max        | 10kA                |                                     |

- Add "CH" behind above part numbers for covers installed
- Note 1: To be evaluated in the end use application. Tested Let-Through Values  $I_p$  (A) = 45kA,  $I^2t$  (A<sup>2</sup>s) = 1,100kA

## Termination Specifications

| Line/Load Side                                                                      | Termination Type                                  | Torque (Lug)             | Torque (Flexible bus bar*) | Maximum Lug Width  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|----------------------------|--------------------|
|  | Listed lugs or flexible bus bar on 3/8" fasteners | 28.3 N·m<br>(250 lbf·in) | 28.3 N·m<br>(250 lbf·in)   | 38.1 mm<br>(1.50") |

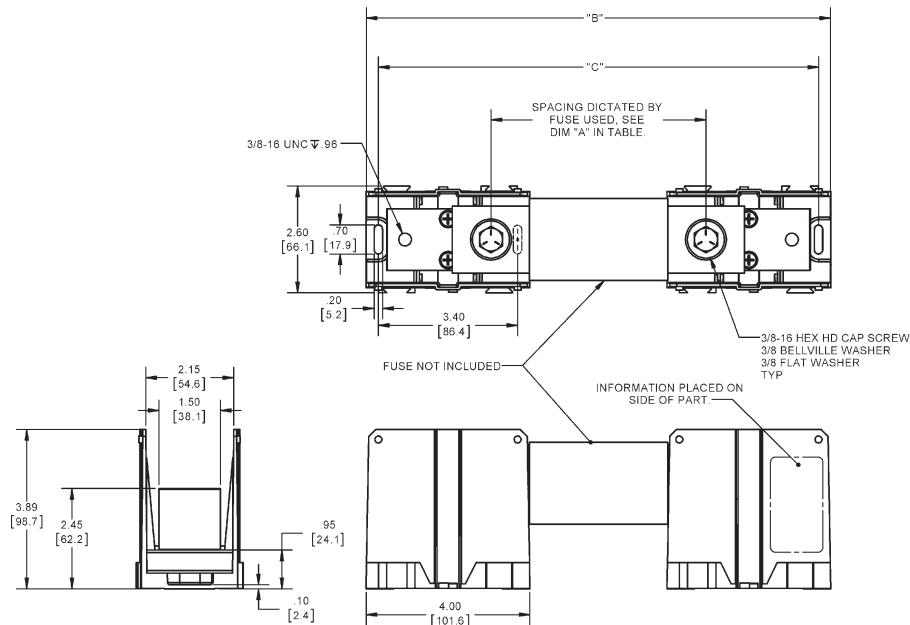
- For use with conductors prepared with listed connectors such as single hole compression/crimp lugs.
- Conductor size, ampacity, temperature rating and type are dictated by the ratings of the listed lugs utilized and applicable code requirements.
- Suitability for use with rigid bus bar or other conductors or wire connectors to be determined in the end-use application.

## Installation & Accessories

- Mounting:
  - # 10 fastener. Recommended Torque of 25 - 30 lbf·in.
- Cover : Clear thermoplastic - CH MFH6

# Product Data Sheet

## Drawing & Reference Fuse Data



| Fuse Information <sup>1</sup> |                |                 |           | Dimensional Information  |                       |                           |
|-------------------------------|----------------|-----------------|-----------|--------------------------|-----------------------|---------------------------|
| Fuse Class                    | Voltage Rating | Amperage Rating | Catalog # | "A"<br>Mounting Distance | "B"<br>Overall Length | "C"<br>Mtg. Hole Distance |
| FWH                           | 500            | 225 - 400       | MFH6063xx | 3.10"                    | 9.20"                 | 8.60"                     |
| FWH                           | 500            | 450 - 600       | MFH6063xx | 3.16"                    | 9.26"                 | 8.66"                     |
| J                             | 600            | 225 - 400       | MFH6063xx | 5.25"                    | 11.35"                | 10.75"                    |
| T                             | 300            | 225 - 400       | MFH6063xx | 1.84"                    | 7.94"                 | 7.34"                     |
| T                             | 600            | 225 - 400       | MFH6063xx | 2.72"                    | 8.82"                 | 8.22"                     |
| A50QS                         | 500            | 225 - 400       | MFH6063xx | 3.10"                    | 9.20"                 | 8.60"                     |
| A50QS                         | 500            | 450 - 600       | MFH6063xx | 3.22"                    | 9.32"                 | 8.72"                     |
| A150X                         | 1500           | 125 - 300       | MFH6153xx | 6.62"                    | 12.72"                | 12.12"                    |
| FWP                           | 700            | 125 - 200       | MFH6153xx | 3.85"                    | 9.95"                 | 9.35"                     |
| FWP                           | 700            | 225 - 400       | MFH6153xx | 3.91"                    | 10.01"                | 9.41"                     |
| SPFJ                          | 1000/600       | 250 - 400       | MFH6153xx | 5.25"                    | 11.35"                | 10.75"                    |
| HP10J                         | 1000           | 70 - 200        | MFH6153xx | 4.39"                    | 10.49"                | 9.89"                     |
| HP10J                         | 1000           | 250 - 400       | MFH6153xx | 5.25"                    | 11.35"                | 10.75"                    |
| A70QS                         | 700            | 125 - 200       | MFH6153xx | 3.85"                    | 9.95"                 | 9.35"                     |
| A70QS                         | 700            | 225 - 400       | MFH6153xx | 3.85"                    | 9.95"                 | 9.35"                     |
| A70QS                         | 700            | 450 - 600       | MFH6153xx | 3.85"                    | 9.95"                 | 9.35"                     |
| A100P                         | 1000           | 125 - 200       | MFH6153xx | 4.47"                    | 10.57"                | 10.18"                    |
| A100P                         | 1000           | 225 - 400       | MFH6153xx | 4.47"                    | 10.57"                | 10.18"                    |

<sup>1</sup> Not limited to fuses above. Fuses can be evaluated in end use.