

## Fuse Holder, Modular Bolt-down

# MFH8xx5FF

Replace "XX" with 06 or 15 for Voltage Designation FF  
Add suffix "CH" for snap-on hinged cover (MFH8xx5FF CH)  
Sold in a pair

### Wire Range

- For use with Listed lugs or flexible bus bar

### Electrical Ratings

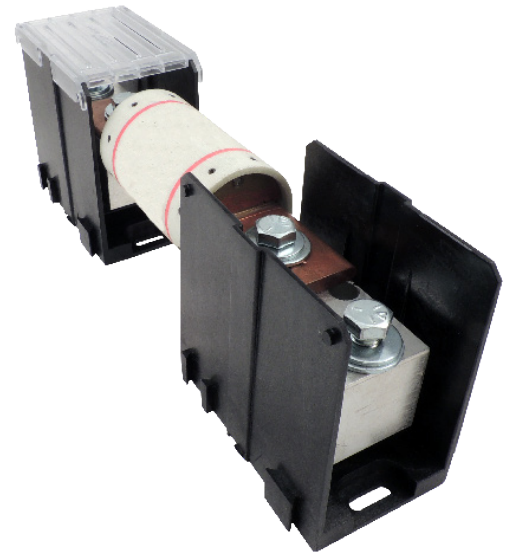
- 800 Amps
- Voltage
  - 600 volts (with MFH6065FF)
  - 1500 Volts (with MFH8155FF)
- SC withstand 200kA (600V), 10kA (1500V)
- Factory & field wiring

### 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



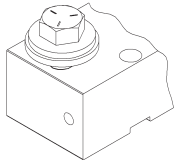
## Catalog Number Information

| Catalog # | Voltage Rating | Suitable Fuse Types                 | Amperage Rating          | Withstand Rating kA | Fuse, Line, Load Terminal Stud Size |
|-----------|----------------|-------------------------------------|--------------------------|---------------------|-------------------------------------|
| MFH8065FF | 600V           | Class J                             | 401 - 600A<br>601 - 800A | 200kA               | 1/2" Stud                           |
|           |                | Class T                             |                          |                     |                                     |
|           |                | Specialty/Semi-Conductor/High-Speed | 800A Max                 | Note 1              |                                     |
|           |                | Class L                             |                          |                     |                                     |
| MFH8155FF | 1500V          | Specialty/Semi-Conductor/High-Speed | 800A 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) = 75kA,  $I^2t$  (A<sup>2</sup>s) = 4,000kA

## Termination Specifications

| Line/Load Side                                                                      | Termination Type                                  | Torque (Lug)             | Torque (Flexible bus bar*) | Maximum Lug Width  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|----------------------------|--------------------|
|  | Listed lugs or flexible bus bar on 1/2" fasteners | 56.5 N·m<br>(500 lbf·in) | 56.5 N·m<br>(500 lbf·in)   | 50.8 mm<br>(2.00") |

- 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.

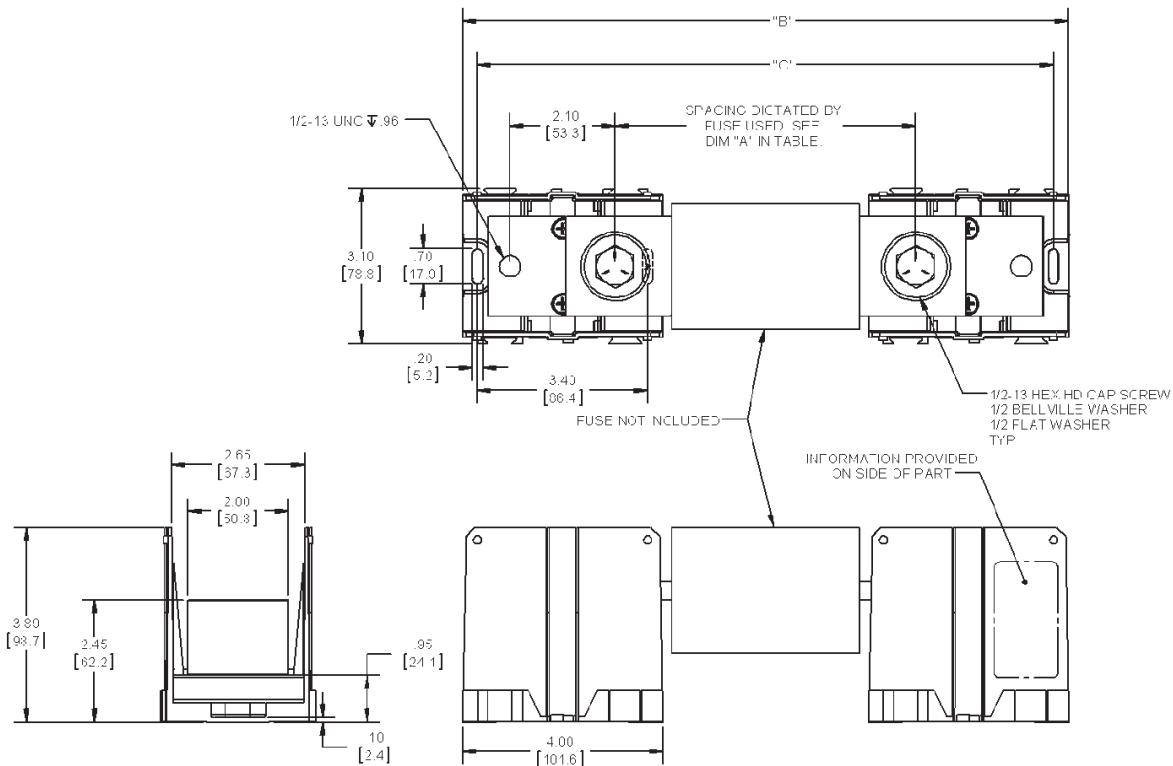
\*Tested with Erico Flexibar 10 x 50 x 1

## Installation & Accessories

- Mounting:
  - # 10 fastener. Recommended torque of 25 - 30 lbf·in.
- Cover : Clear thermoplastic - CH MFH8

# Product Data Sheet

## Drawing & Reference Fuse Data



| Fuse Information <sup>1</sup> |                |                 |           | Dimensional Information |                    |                        |
|-------------------------------|----------------|-----------------|-----------|-------------------------|--------------------|------------------------|
| Fuse Class                    | Voltage Rating | Amperage Rating | Catalog # | "A" Mounting Distance   | "B" Overall Length | "C" Mtg. Hole Distance |
| FWH                           | 500            | 700 - 800       | MFH8065xx | 4.21"                   | 10.31"             | 9.71"                  |
| J                             | 600            | 450 - 600       | MFH8065xx | 6.00"                   | 12.10"             | 11.50"                 |
| T                             | 600            | 601 - 800       | MFH8065xx | 3.17"                   | 9.27"              | 8.67"                  |
| T                             | 300            | 601 - 800       | MFH8065xx | 2.22"                   | 8.32"              | 7.72"                  |
| A50AQS                        | 500            | 700 - 800       | MFH8065xx | 4.22"                   | 10.32"             | 9.72"                  |
| FWP                           | 700            | 700 - 800       | MFH8155xx | 5.31"                   | 11.412"            | 10.812"                |
| FWP                           | 700            | 450 - 600       | MFH8155xx | 4.96"                   | 11.055"            | 10.455"                |
| A70QS                         | 700            | 450 - 600       | MFH8155xx | 4.85"                   | 10.95"             | 10.35"                 |
| A70QS                         | 700            | 700 - 800       | MFH8155xx | 5.10"                   | 11.20"             | 10.60"                 |
| A100P                         | 1000           | 500 - 600       | MFH8155xx | 5.72"                   | 11.82"             | 11.22"                 |
| A150X                         | 1500           | 400 - 600       | MFH8155xx | 8.19"                   | 14.29"             | 13.69"                 |
| L                             | 600            | 200 - 800       | MFH8065   | 6.75"                   | 12.85"             | 12.25"                 |

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