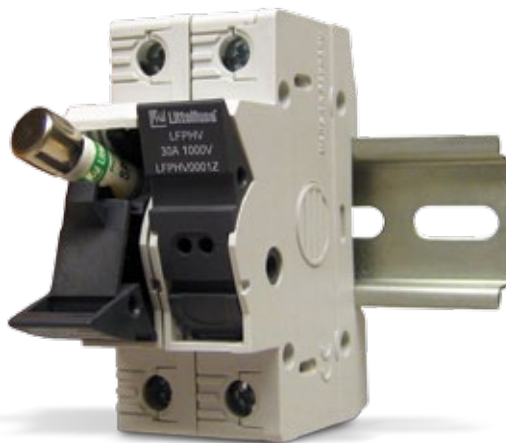


# LFPHV DEAD-FRONT 10x38mm (MIDGET) FUSE HOLDERS

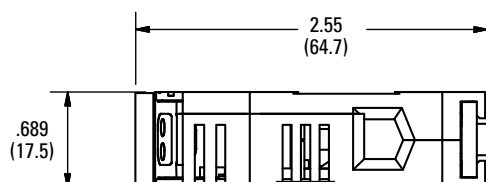
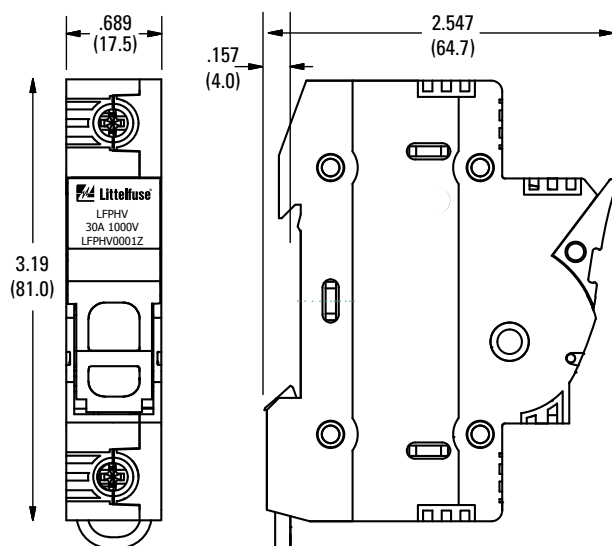
1000 V



## Description

The Littelfuse LFPHV fuse holder is designed to house 1000 V 10x38mm (midget style) fuses. It is not designed for load break but is ideal for isolating photovoltaic module strings for maintenance and meets UL requirements for 1000 V solar fuse protection.

## Dimensions Inches (mm)



## Features/Benefits

- Finger-Safe design offers personnel protection
- Compact design
- 35 mm DIN Rail Mountable
- No fuse pullers or tools required for fuse removal
- Indication option available
- Contact factory for multi-pole configurations
- Approved for field wiring

## Specifications

|                            |                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Voltage Ratings</b>     | 1000 VDC                                                                                                                                        |
| <b>Amperage Rating</b>     | 30 A                                                                                                                                            |
| <b>SCCR Rating</b>         | 33 kA                                                                                                                                           |
| <b>Terminal Type</b>       | Pressure Plate                                                                                                                                  |
| <b>Power Dissipation</b>   | 3 W Maximum                                                                                                                                     |
| <b>Material</b>            | Thermoplastic                                                                                                                                   |
| <b>Flammability Rating</b> | UL94 V-0                                                                                                                                        |
| <b>Approval</b>            | UL Listed (File: E345481)<br>IEC 60269-1* IEC 60269-4*<br>IEC 60269-2* IEC 60269-6*<br>*with VDE verification<br>RoHS compliant, Lead (Pb) free |

## Environmental

| TERMINAL TORQUE |                    |                                       |                              |
|-----------------|--------------------|---------------------------------------|------------------------------|
| NUMBER OF WIRES | WIRE TYPE          | WIRE SIZE                             | TORQUE                       |
| 1               | 90° Max<br>CU Only | 18-8 AWG<br>(.75-10 mm <sup>2</sup> ) | 18-22 lb-in<br>(2-2.5 N-m)   |
| 1               | 90° Max<br>CU Only | 6-4 AWG<br>(16-25 mm <sup>2</sup> )   | 22-26 lb-in<br>(2.5-2.9 N-m) |
| 2†              | 90° Max<br>CU Only | 18-8 AWG<br>(.75-10 mm <sup>2</sup> ) | 18-22 lb-in<br>(2-2.5 N-m)   |

†Must be the same cross-sectioned size

## Ordering Information

| CATALOG NUMBER | ORDERING NUMBER | POLES | PACK QTY | INDICATION |
|----------------|-----------------|-------|----------|------------|
| LFPHV001       | LFPHV0001Z      | 1     | 12       | —          |
| LFPHV001ID     | LFPHV0001ZXID   | 1     | 12       | •          |

## Web Resources

Sample requests, downloadable CAD drawings and other technical information: [Littelfuse.com/lfphv](http://Littelfuse.com/lfphv)

More information about solar applications and fuse holder details: [Littelfuse.com/Solar](http://Littelfuse.com/Solar)

## Recommended Fuses

1000 V 10x38mm (midget style) Fuses  
 Littelfuse SPF Solar Series  
 Littelfuse FLU Series



Look for this logo to indicate products that are used in solar applications. Visit our website [www.littelfuse.com/solar](http://www.littelfuse.com/solar) for the latest updates on approvals, certifications, and new products.