# POWR-GARD® Blocks & Holders

## LPHV POWR-SAFE FUSE HOLDERS

1000 V dc



## Description

The Littelfuse LPHV fuse holder is designed to house 1000 V 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

## Features/Benefits

- Touch-safe design offers protection when replacing fuses
- Compact design
- 35 mm DIN Rail Mountable
- Available in 1-, 2-, 3- and 4-pole configurations
- No fuse pullers or tools required for fuse removal
- Meets IEC 60269-2, -4, -6 performance requirements

## Multi-Pole Assembly Kit

Kits are used to create multi-pole holders from 1-pole LPHV fuse holders.

**Multi Pole Assembly Kit Ordering No.** CYHP0001Z-KIT
(Kit contains 20 connector pincers & 10 handle pins).

## Specifications

| | |
|---|---|
| **Voltage Rating** | 1000 V dc/600 V ac |
| **Amperage Rating** | 30 A |
| **SCCR Rating** | 50 kA |
| **Power Dissipation** | 4 W Maximum |
| **Fuse Type** | 10 X 38 mm up to 1000 V |
| **Housing Material** | Thermoplastic |
| **Terminal Screws** | Zinc Plated Steel, Phillips/Slotted Head |
| **Pressure Plate** | Nickel Plated Steel |
| **Fuse Clip Material:** | Silver Plated Copper Alloy |
| **Operating Temperature** | -55 °C to +125 °C |
| **Flammability Rating** | UL94 V-0 |
| **Approval** | Self-certified 1000 V dc 50 kA<br>uR & CSA 600 V ac/dc 20 kA |
| **Environmental** | RoHS compliant, Lead (Pb) Free |

## Web Resources

Download CAD drawings and other technical information:
**Littelfuse.com/lphv**

More information about solar applications:
**Littelfuse.com/solar**

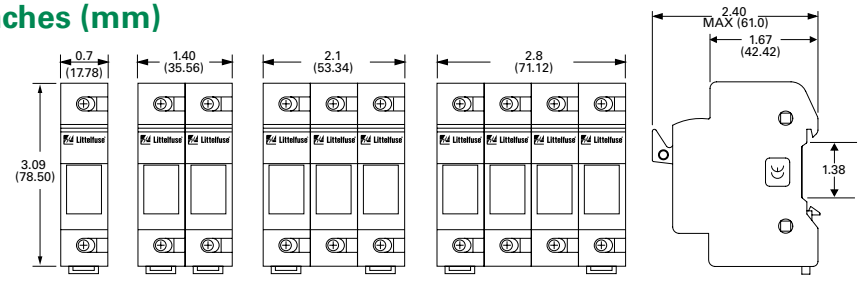
## Recommended Fuses

10x38 mm 1000 V dc Fuses
SPF 1000 V Series
FLU 1000 V Series

## Ordering Information

| CATALOG NUMBER | ORDERING NUMBER | POLES | TERMINAL TYPE | SUGGESTED TORQUE | WIRE TYPE | |
|---|---|---|---|---|---|---|
| LPHV001 | LPHV0001Z | 1 | Pressure Plate | 17.7 in-lbs (2 N-m) | 75˚ C or 90˚ C CU Only | # 8–14 Stranded UL Class B and Class C wire<br>#10-14 AWG Solid wire |
| LPHV002 | LPHV0002Z | 2 | | | | |
| LPHV003 | LPHV0003Z | 3 | | | | |
| LPHV004 | LPHV0004Z | 4 | | | | |

## Dimensions Inches (mm)




Look for this logo to indicate products that are used in solar applications. Visit our website **Littelfuse.com/solar** for the latest updates on approvals, certifications, and new products.

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