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

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**: 20 kA
- **Power Dissipation**: 4 W Maximum
- **Fuse Type**: 10 X 38 mm up to 1000 V ac
- **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
  - IEC 60269-2, -4, -6
  - UL & CSA 600 V ac/dc
  - RoHS compliant, Lead (Pb) Free

Web Resources
Sample requests, downloadable 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

<table>
<thead>
<tr>
<th>SERIES</th>
<th>POLES</th>
<th>CATALOG NUMBER</th>
<th>ORDERING NUMBER</th>
<th>TERMINAL TYPE</th>
<th>WIRE TYPE</th>
<th>WIRE RANGE</th>
<th>TERMINAL TORQUE</th>
<th>ROHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPHV</td>
<td>1</td>
<td>LPHV001</td>
<td>LPHV0001Z</td>
<td>Pressure Plate 75°C or 90°C</td>
<td>Stranded / [Solid]</td>
<td>#8-14 AWG (2-10 mm²) / (#10-14 AWG (2-6 mm²))</td>
<td>17.7 in-lbs (2 N-m)</td>
<td>•</td>
</tr>
<tr>
<td>LPHV</td>
<td>2</td>
<td>LPHV002</td>
<td>LPHV0002Z</td>
<td>Pressure Plate 75°C or 90°C</td>
<td>Stranded / [Solid]</td>
<td>#8-14 AWG (2-10 mm²) / (#10-14 AWG (2-6 mm²))</td>
<td>17.7 in-lbs (2 N-m)</td>
<td>•</td>
</tr>
<tr>
<td>LPHV</td>
<td>3</td>
<td>LPHV003</td>
<td>LPHV0003Z</td>
<td>Pressure Plate 75°C or 90°C</td>
<td>Stranded / [Solid]</td>
<td>#8-14 AWG (2-10 mm²) / (#10-14 AWG (2-6 mm²))</td>
<td>17.7 in-lbs (2 N-m)</td>
<td>•</td>
</tr>
<tr>
<td>LPHV</td>
<td>4</td>
<td>LPHV004</td>
<td>LPHV0004Z</td>
<td>Pressure Plate 75°C or 90°C</td>
<td>Stranded / [Solid]</td>
<td>#8-14 AWG (2-10 mm²) / (#10-14 AWG (2-6 mm²))</td>
<td>17.7 in-lbs (2 N-m)</td>
<td>•</td>
</tr>
</tbody>
</table>

Dimensions Inches (mm)

[Diagram showing dimensions]

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.

Disclaimer Notice – Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at www.littelfuse.com/product-disclaimer.