

# Dead Front Fuse Holders

## LPHV Series POWR-SAFE Fuse Holders

1000 V dc



### Description

The LPHV series dead front fuse holders are a touch-safe design providing protection to personnel when installing and removing fuses. They are intended to house midget-sized 1000 V fuses. These fuse holders are not designed for load break, but they are ideal for isolating photovoltaic module strings for maintenance and meet UL requirements for 1000 V solar fuse protection. The compact fuse holder mounts quickly onto a 35 mm DIN rail, decreasing panel layout and assembly time. They are available in 1-, 2-, 3-, and 4-pole configurations, or they can be connected together with a Littelfuse multi-pole assembly kit (sold separately). The LPHV series has been self-certified to stringent Littelfuse standards for applications upward of 1000 V dc. These fuse holders meet IEC 60269-2, -4, and -6 performance requirements.

### Features & Benefits

FEATURES	BENEFITS
<b>Touch-safe design</b>	Maximum safety for personnel
<b>35 mm DIN rail mountable</b>	Easy installation in various settings
<b>Compact design</b>	Ultimate flexibility, space-saving
<b>Easy removal</b>	No fuse pullers or tools required for fuse removal

### Applications

- Combiner boxes
- Photovoltaic inverters

# Dead Front Fuse Holders

## LPHV Series POWR-SAFE Fuse Holders

### Specifications

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

### Certification & Compliance

<b>CE</b>	Declaration of Conformity: EU_DOC-LPHV_210315
<b>CSA</b>	CSA File: 007316_0_000
<b>UL</b>	UL File E14721
<b>RoHS</b>	RoHS 2 Directive 2011/65/EU; Directive (EU) 2015/863

### Accessories

10x38 mm 1000 V dc fuses

SPF 1000 V series fuses

FLU 1000 V series fuses

Multi-Pole Assembly Kit (Kits are used to create multi-pole holders from 1-pole LPHV fuse holders.)

### Ordering Information

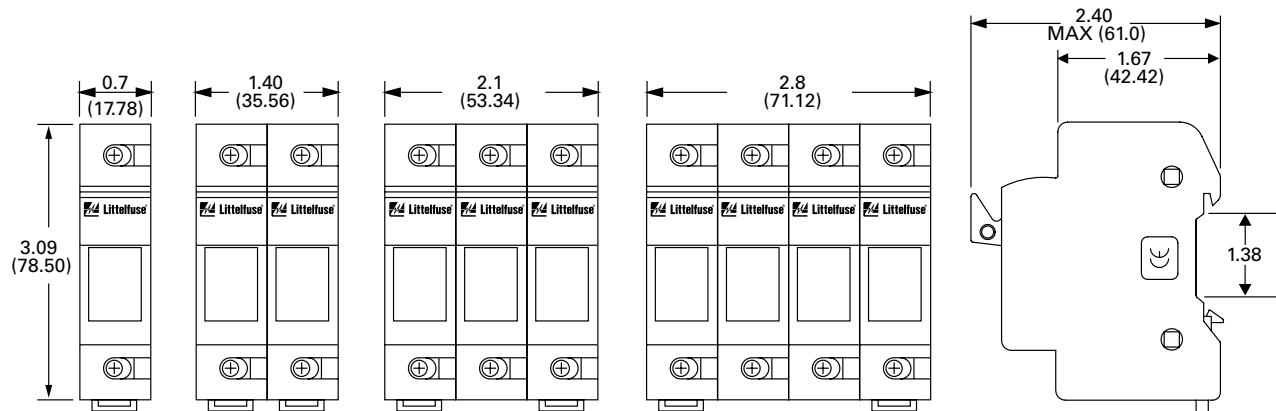
CATALOG NUMBER	ORDERING NUMBER	POLES	TERMINAL TYPE	SUGGESTED TORQUE	WIRE TYPE	
LPHV001	LPHV0001Z	1	Pressure Plate	17.7 in-lbs (2 N-m)	75 °C or 90 °C CU Only	# 8–14 Stranded UL Class B and Class C wire #10-14 AWG Solid wire
LPHV002	LPHV0002Z	2				
LPHV003	LPHV0003Z	3				
LPHV004	LPHV0004Z	4				

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

# Dead Front Fuse Holders

## LPHV Series POWR-SAFE Fuse Holders

### Dimensions Inches (mm)



Look for this logo to indicate products that are used in solar applications. Visit our website [Littelfuse.com/solar](https://www.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](https://www.littelfuse.com/product-disclaimer).

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Littelfuse:](#)

[LPHV0003Z](#) [LPHV0004Z](#) [LPHV0001Z](#) [LPHV0002Z](#) [CYHP0001Z-KIT](#)