

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 mid-gate-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).

For additional product information, contact Littelfuse Technical Support at 1-800-TEC-FUSE or techline@littelfuse.com.

Features & Benefits

FEATURES	BENEFITS
Touch-safe design	Offers maximum safety for personnel
35 mm DIN-rail mountable	Provides easy installation in various settings
Compact design	Saves space and offers design flexibility
No fuse pullers or additional tools required	Enables simple removal

Applications

- For use with mid-gate-style (10 x 38 mm) fuses
- Combiner boxes
- Photovoltaic inverters

Dead Front Fuse Holders

LPHV Series POWR-SAFE Fuse Holders

Specifications


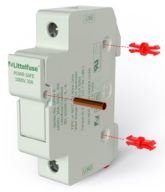


Voltage Rating	1000 V Dc
Ampere Rating	30 A
Withstand Rating	20 kA*
Power Dissipation	4 W Maximum
Terminal Type	Pressure Plate with Combo Head Screw
Suggested Torque	17.7 in-lbs (2 Nm)
Fuse Type	Midget (10 x 38 mm)
Housing Material	Thermoplastic
Fuse Clip Material	Silver-plated Copper
Terminal Material	Zinc-plated Steel (Pressure Plate)
Terminal Screw Material	Zinc-plated Steel
Operating Temperature	-55 °C to +125 °C (-67 °F to +257 °F)
Flammability Rating	UL 94 V-0
Application Standards	UL 4248-1, -19
Environmental	RoHS Compliant, Lead (Pb) Free
Country of Origin	India

*With appropriate fusing

Certification & Compliance

UL	UL File E14721
CE	Declaration of Conformity: EU_DOC-LPHV_210315
CSA	CSA File: 007316_0_000
RoHS	RoHS 2 Directive 2011/65/EU; Directive (EU) 2015/863
Pb Lead-free	Yes

Accessories

IMAGE	CATALOG #	TYPE	APPLICATION	DESCRIPTION
 <p>Connector pincer Handle pin</p>	CYHP0001Z-KIT-E	Multi-pole Assembly Kit		The connector pincers are used to safely and easily snap two fuse holders together creating a multi-pole assembly. When the handle pin is used, it allows the doors of each fuse holder to open and operate simultaneously. Kit contains 20 connector pincers and 10 handle pins.
	1PH Series 3PH Series	Busbar		The Littelfuse bus bar system eliminates most wire terminations in a time-saving package. A power distribution block and associated conductors are no longer needed to feed multiple POWR-SAFE fuse holders.

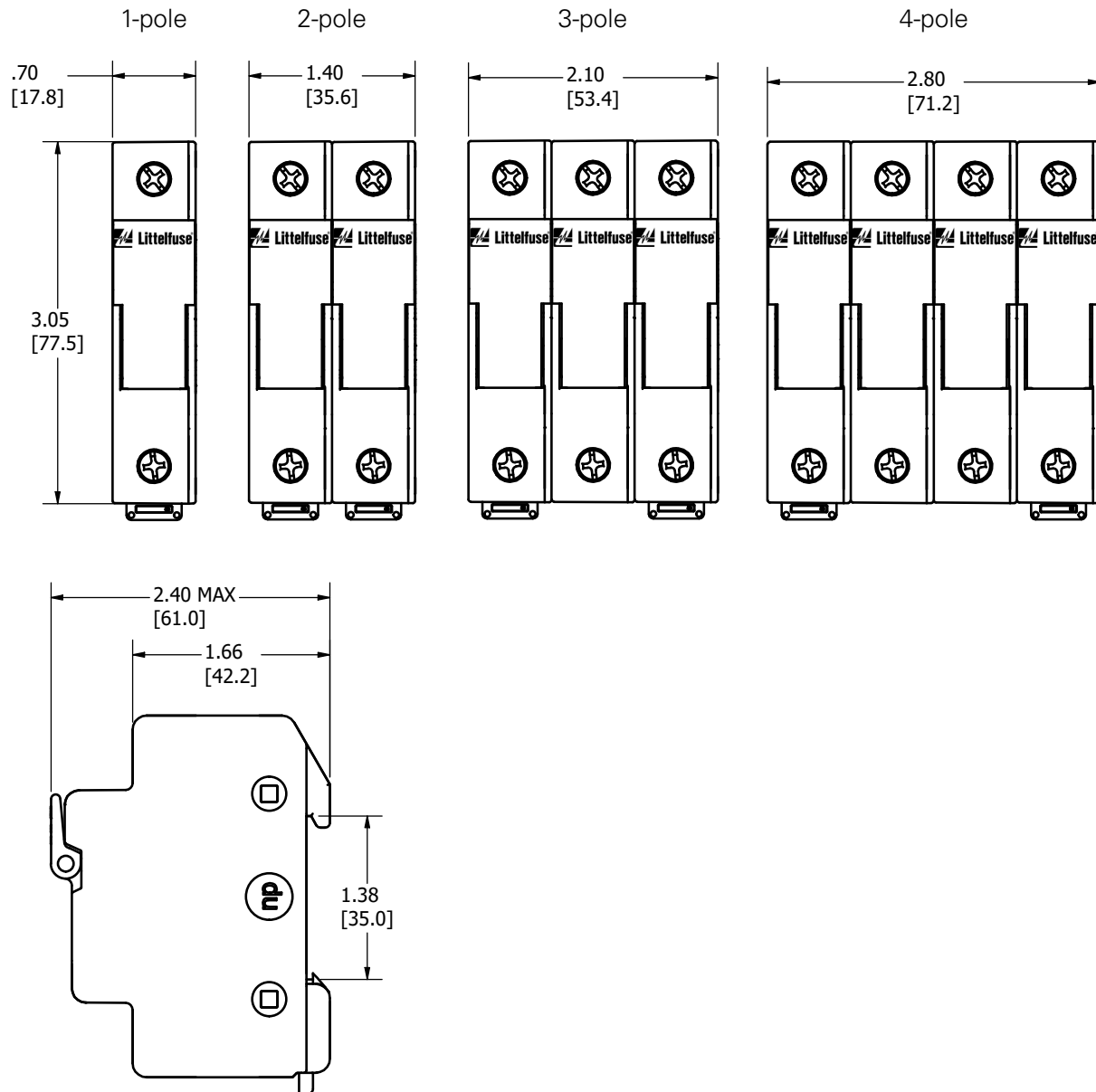
Dead Front Fuse Holders

LPHV Series POWR-SAFE Fuse Holders

Ordering Information

CATALOG NUMBER	ORDERING NUMBER	FUSE TYPE	POLES	WIRE TYPE	
LPHV001E	LPHV0001ZXE	Midget-style	1	75 °C or 90 °C CU Wire Only	8–14 AWG Stranded UL Class B and Class C Wire 10–14 AWG Solid Wire
LPHV002E	LPHV0002ZXE	Midget-style	2		
LPHV003E	LPHV0003ZXE	Midget-style	3		
LPHV004E	LPHV0004ZXE	Midget-style	4		

Dimensions Inches (Millimeters)



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.