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

Applications

- Combiner boxes
- Photovoltaic inverters



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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

El Lille Bai

Flammability Rating UL94 V-0

Approval Self-certified 1000 V dc 50 kA uR & CSA 600 V ac/dc 20 kA

Environmental RoHS compliant, Lead (Pb) Free

Certification & Compliance

CE	Declaration of Conformity: EU_DOC-LPHV_210315		
CSA	CSA File: 007316_0_000		
UL	UL File E14721		
RoHS	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		WIRETYPE	
LPHV001	LPHV0001Z	1	Pressure Plate				
LPHV002	LPHV0002Z	2		17.7 in-lbs	75 °C or 90 °C CU Only	# 8–14 Stranded UL Class B and Class C wire #10-14 AWG Solid wire	
LPHV003	LPHV0003Z	3		(2 N-m)			
LPHV004	LPHV0004Z	4					

Multi-Pole Assembly Kit Ordering No. CYHP0001Z-KIT

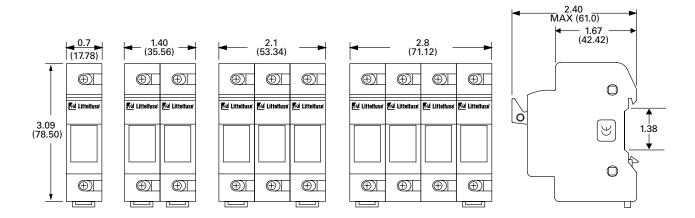
(Kit contains 20 connector pincers & 10 handle pins.)



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Dimensions Inches (mm)





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