

## LFPHV DEAD FRONT 10x38mm (MIDGET) FUSE HOLDERS

1000 Vdc • 10x38mm



### Description

The Littelfuse LFPHV fuse holder is designed to house 1000 Vdc 10x38mm (midget style) fuses. It is not designed for load break but is ideal for isolating photovoltaic module strings for maintenance and meets UL requirements for 1000 Vdc solar fuse protection.

### Features/Benefits

- Finger-Safe design offers personnel protection
- Compact design
- 35 mm DIN Rail Mountable
- No fuse pullers or tools required for fuse removal
- Indication option available
- Approved for field wiring

### Web Resources

Download technical documents: [littelfuse.com/lfpvh](http://littelfuse.com/lfpvh)

### Recommended Fuses

SPF Solar Series .....	60
FLU Series (DC only) .....	31

### Terminal Information

TERMINAL TYPE	WIRE TYPE	NUMBER OF WIRES	WIRE SIZE	TORQUE
Pressure Plate	90° Max CU Only Stranded*	1	18-8 AWG (.75 - .25 mm <sup>2</sup> )	18-22 lb-in (2-2.5 N-m)
		1	6-4 AWG	22-26 lb-in
		2†	18-6 AWG (.75 - .10 mm <sup>2</sup> )	18-22 lb-in (2-2.5 N-m)

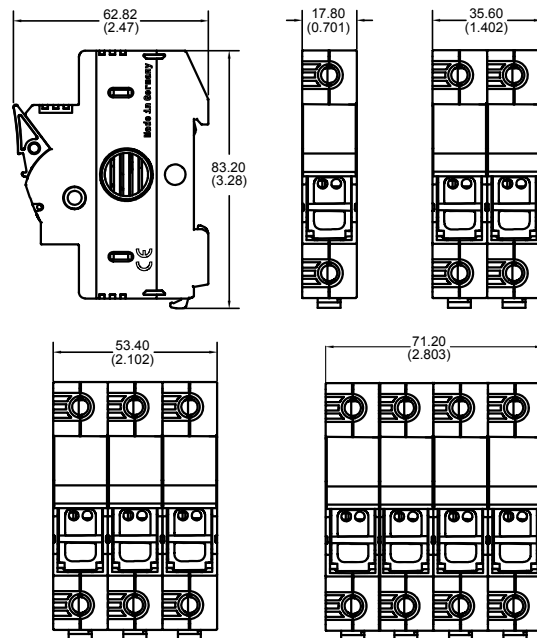
\*Contact Tech-Line (800-TEC-FUSE) for other wire types.

†Must be the same cross-sectioned size\*

### Specifications

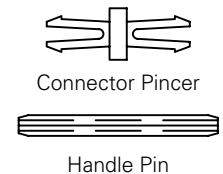
<b>Voltage Ratings</b>	1000 Vdc
<b>Ampere Rating</b>	30 A
<b>SCCR Rating</b>	33 kA
<b>Power Acceptance</b>	4W Maximum
<b>Indication Voltage Range</b>	400-1000 Vdc
<b>Terminal Type</b>	Pressure Plate
<b>Material</b>	Thermoplastic
<b>Flammability Rating</b>	UL94 V-0, self-extinguishing
<b>Approval</b>	UL Listed (File: E345481) CSA Certified IEC 60269
<b>Environmental</b>	RoHS compliant, Lead (Pb) free

### Dimensions mm (inches)



### Multi-Pole Assembly Kits

POLES	PINCR QTY.	PIN QTY.	ASSEMBLY SETS	ORDERING NUMBER
2	20	10	10 pack	LFPHV2PAK
3	40	10	10 pack	LFPHV3PAK



### Ordering Information (LFPHV 10x38mm)

VOLTAGE	AMPERE	SCCR Rating	POLES	FUSE TYPE	SERIES	NON-INDICATING		INDICATING		PACK QUANTITY
						CATALOG NUM.	ORDERING NUM.	CATALOG NUM.	ORDERING NUM.	
1000 Vdc	30 A	33 kA	1	10x38mm (midget)	LFPHV	LFPHV001	LFPHV0001Z	LFPHV0011D	LFPHV0001ZXID	12
			2		LFPHV	LFPHV002	LFPHV0002Z	LFPHV0021D	LFPHV0002ZXID	6
			3		LFPHV	LFPHV003	LFPHV0003Z	LFPHV0031D	LFPHV0003ZXID	4
			4		LFPHV	LFPHV004	LFPHV0004Z	LFPHV0041D	LFPHV0004ZXID	3

# LFPSC/LFPSM CLASS CC/MIDGET DEAD FRONT FUSE HOLDERS

Gross Automation 3680 N. 126th St., Brookfield, WI 53005 Toll-Free: 877-268-3700 sales@grossautomation.com

600 Vac/dc



## Description

Littelfuse LFPSC Class CC and LFPSM 10x38mm dead-front holders feature optional LED indication, DIN rail mounts and a small space saving design. These high SCCR rated holders provide optimum touch-safe protection to personnel and have a large clamping range with dual wire rated terminals.

## Features

- Indicating and non-indicating options available
- Dual LED indication distinguishes polarity in DC applications
- Small compact design offers ultimate flexibility
- 35 mm DIN-Rail Mountable
- 1-, 2-, 3- and 4-pole configurations
- Easy installation and fuse removal with no additional pullers or tools required

## Web Resources

Download technical documents at: [littelfuse.com/lfpSC](http://littelfuse.com/lfpSC)  
[littelfuse.com/lfpSM](http://littelfuse.com/lfpSM)

## Recommended Fuses

Class CC.....	27
Midget (10x38mm).....	30

## Terminal Information

TERMINAL TYPE	WIRE TYPE	NUMBER OF WIRES	WIRE SIZE	TORQUE
Pressure Plate	75° Max CU Only Stranded*	1	18-8 AWG (.75-25 mm <sup>2</sup> )	18-22 lb-in (2-2.5 N-m)
		1	6-4 AWG	22-26 lb-in
		2 <sup>†</sup>	18-6 AWG (.75-10 mm <sup>2</sup> )	18-22 lb-in (2-2.5 N-m)

\*Contact Tech-Line (800-TEC-FUSE) for other wire types.

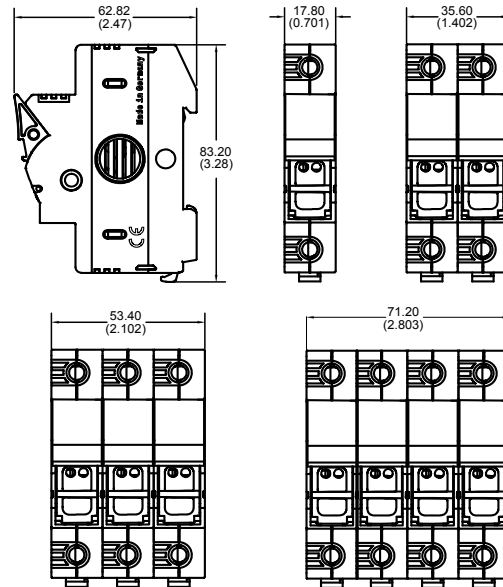
<sup>†</sup>Must be the same cross-sectioned size

## Specifications

<b>Voltage Rating</b>	UL: 600 Vac/dc IEC: 690 Vac (LFPSM)
<b>Ampere Rating</b>	UL: 30 A IEC: 32 A (LFPSM)
<b>SCCR Rating</b>	200 kA (Class CC) 100 kA (Midget)
<b>Power Acceptance</b>	3W Maximum
<b>Indication Voltage Range</b>	110-690 Vac/dc
<b>Terminal Type</b>	Pressure Plate
<b>Material</b>	Thermoplastic
<b>Flammability Rating</b>	UL94 V-0, self-extinguishing
<b>Approvals</b>	UL Listed (File: E14721) CSA Certified IEC 60269 (LFPSM) RoHS compliant, Lead (Pb) free

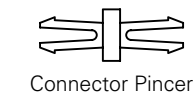
## Environmental

## Dimensions mm (inches)

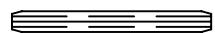


## Multi-Pole Assembly Kits

POLES	PINCR QTY.	PIN QTY.	ASSEMBLY SETS	ORDERING NUMBER
2	20	10	10 pack	LFPHV2PAK
3	40	10	10 pack	LFPHV3PAK



Connector Pincer



Handle Pin

## Ordering Information (LFPSC Class CC and LFPSM Midget)

VOLTAGE	AMPERE		SCCR Rating	POLES	FUSE TYPE	SERIES	NON-INDICATING		INDICATING		PACK QUANTITY	
	UL	IEC					CATALOG NUM.	ORDERING NUM.	CATALOG NUM.	ORDERING NUM.		
600 Vac/dc	—	30 A	—	200 kA	1	Class CC	LFPSC	LFPSC001	LFPSC0001Z	LFPSC001ID	LFPSC0001ZXID	12
							LFPSC	LFPSC002	LFPSC0002Z	LFPSC002ID	LFPSC0002ZXID	6
							LFPSC	LFPSC003	LFPSC0003Z	LFPSC003ID	LFPSC0003ZXID	4
							LFPSC	LFPSC004	LFPSC0004Z	LFPSC004ID	LFPSC0004ZXID	3
600 Vac/dc	690 Vac	30 A	32 A	100 kA	2	10x38mm (Midget)	LFPSM	LFPSM001	LFPSM0001Z	LFPSM001ID	LFPSM0001ZXID	12
							LFPSM	LFPSM002	LFPSM0002Z	LFPSM002ID	LFPSM0002ZXID	6
							LFPSM	LFPSM003	LFPSM0003Z	LFPSM003ID	LFPSM0003ZXID	4
							LFPSM	LFPSM004	LFPSM0004Z	LFPSM004ID	LFPSM0004ZXID	3