

## LFPXV TOUCH-SAFE FUSE HOLDERS

1500 V • 32 A



## Description

The Littelfuse LFPXV fuse holder is designed to hold 1500 V 10x85 mm fuses.

## Features/Benefits

- Finger-Safe design offers personnel protection
- No fuse pullers or tools required for fuse removal
- 35 mm DIN Rail Mountable
- Evaluated for use with copper alloy busbars
- Compact design

## Recommended Fuses

Littelfuse SPXV/SPXV-S Fuses

## Web Resources

Download the complete datasheet and other technical documents: [Littelfuse.com/LFPXV](http://Littelfuse.com/LFPXV)

## Ordering Information

| SERIES | VOLTAGE (Vdc) | POLES | CATALOG NUMBER | ORDERING NUMBER | PACK QTY | TERMINAL INFORMATION |                 |                                       |                             |
|--------|---------------|-------|----------------|-----------------|----------|----------------------|-----------------|---------------------------------------|-----------------------------|
|        |               |       |                |                 |          | TERMINAL TYPE        | NUMBER OF WIRES | WIRE SIZE                             | TORQUE                      |
| LFPXV  | 1500          | 1     | LFPXV001       | LFPXV0001Z      | 20       | Box Lug              | 1               | 4-14 AWG (25-2.5 mm <sup>2</sup> )    | 24-28 lb-in (2.71-3.16 N-m) |
|        |               |       |                |                 |          |                      | 1               | 16-18 AWG (1.5-0.75 mm <sup>2</sup> ) | 18-22 lb-in (2.03-2.49 N-m) |
|        |               |       |                |                 |          |                      | 2*              | 6-14 AWG (16-2.5 mm <sup>2</sup> )    | 26-30 lb-in (2.94-3.69 N-m) |
|        |               |       |                |                 |          |                      | 2*              | 16-18 AWG (1.5-0.75 mm <sup>2</sup> ) | 20-24 lb-in (2.26-2.71 N-m) |

\*Must be the same wire type and cross sectioned size

## Specifications

|                              |  |
|------------------------------|--|
| <b>Voltage Ratings</b>       | 1500 V dc  |
| <b>Amperage Rating</b>       | 32 A   |
| <b>SCCR Rating</b>           | 50 kA  |
| <b>Power Dissipation:</b>    | 8W Maximum                                       |
| <b>Fuse Type</b>             | 10x85 mm   |
| <b>Material</b>              | Thermoplastic                                    |
|                              | Fuse Clip: Silver plated copper alloy            |
|                              | Screws: Zinc plated steel                        |
| <b>Operating Temperature</b> | -55 °C to +125 °C                                |
| <b>Flammability Rating</b>   | UL94 V-0   |
| <b>Temperature Stability</b> | Body: 130 °C<br>Carrier: 140 °C                  |
| <b>Approvals</b>             | UL 4248-19 Listed (File: E345481)<br>IEC 60269-6 |
| <b>Environmental</b>         | RoHS compliant, Lead (Pb) free, REACH            |
| <b>Recommended DIN Rail</b>  | TH 35-7,5 per IEC 60715                          |

| WIRE TYPE                             |                                       |
|---------------------------------------|---------------------------------------|
| 75 °C or 90 °C<br>CU Only<br>Stranded | UL Class B and Class C wire           |
|                                       | AlphaWire PV series Photovoltaic Wire |
|                                       | IEC Class 5 Flexible Wire             |

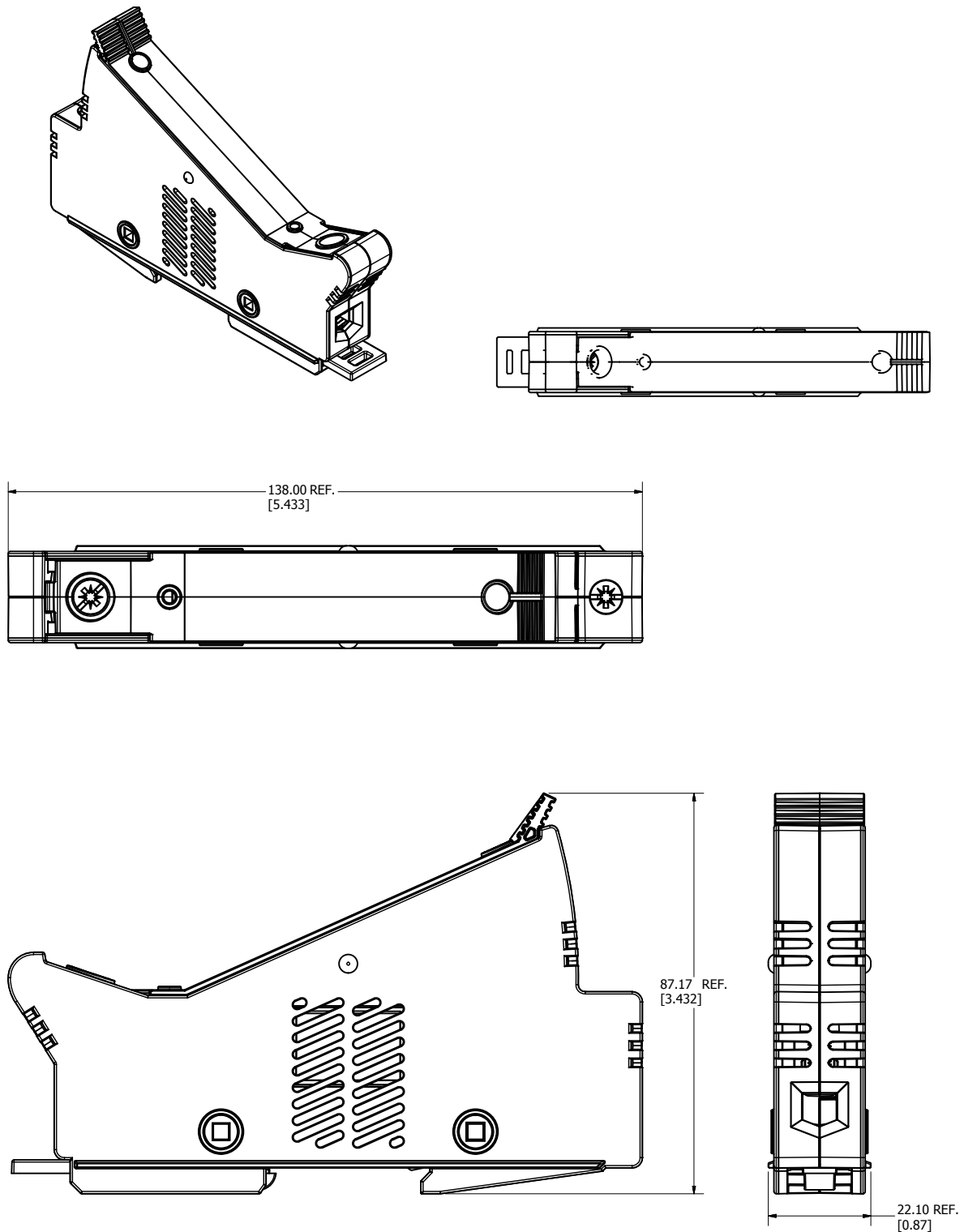
| BUSBAR SPECIFICATIONS |                    |                    |                             |
|-----------------------|--------------------|--------------------|-----------------------------|
| TERMINAL              | THICKNESS          | WIDTH              | TORQUE                      |
| Maximum               | 0.188 in (4.78 mm) | 0.290 in (7.37 mm) | 24-28 lb-in (2.71-3.16 N-m) |
| Minimum               | 0.125 in (3.18 mm) | 0.200 in (5.08 mm) |                             |



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## Dimensions Millimeters (in)



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