

# POWR-GARD® Blocks & Holders

## LFPXV Touch-Safe Fuse Holder

1500 V • 32 A



### Description

The LFPXV series touch-safe dead front fuse holders are designed to hold 1500 V 10x85 mm fuses. These fuse holders are DIN rail mountable and easily removed with no additional fuse pullers or tools.

### Features & Benefits

| FEATURES   | BENEFITS                              |
|--|---------------------------------------|
| <b>Finger-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>Evaluated for use with copper alloy busbars</b> | Improve reliability                   |

### Applications

- For use with Littelfuse SPXV/SPXV-S Fuses



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## LFPXV Touch-Safe Fuse Holder

### Specifications

|                              |   |
|------------------------------|---|
| <b>Voltage Ratings</b>       | 1500 V dc   |
| <b>Amperage Rating</b>       | 32 A  |
| <b>Withstand Rating</b>      | 50 kA   |
| <b>Power Dissipation:</b>    | 8W Maximum  |
| <b>Fuse Type</b>             | 10x85 mm  |
| <b>Material</b>              | Thermoplastic<br>Fuse Clip: Silver plated copper alloy<br>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>Applicable Standards</b>  | UL 4248-19 Listed, IEC 60269-6  |
| <b>Environmental</b>         | RoHS compliant, Lead (Pb) free, REACH   |
| <b>Recommended DIN Rail</b>  | TH 35-7,5 per IEC 60715   |
| <b>Country of Origin</b>     | China   |

| 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<br>(4.78 mm) | 0.290 in<br>(7.37 mm) | 24-28 lb-in<br>(2.71–3.16 N-m) |
| Minimum               | 0.125 in<br>(3.18 mm) | 0.200 in<br>(5.08 mm) |                                |

### Certification & Compliance

|            |   |
|------------|---|
| <b>UL</b>  | UL listed (File:E345481)                          |
| <b>CE</b>  | EU Declaration of Conformity (File: LFPXV_200921) |
| <b>TUV</b> | TUV Certificate (R 50505296)                      |

### Accessories

Littelfuse SPXV/SPXV-S Fuses



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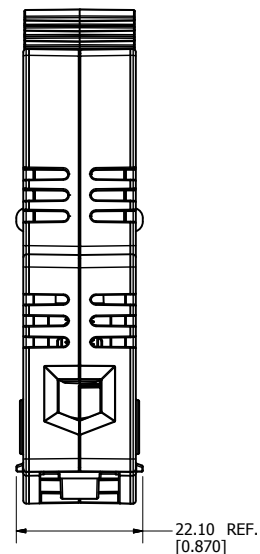
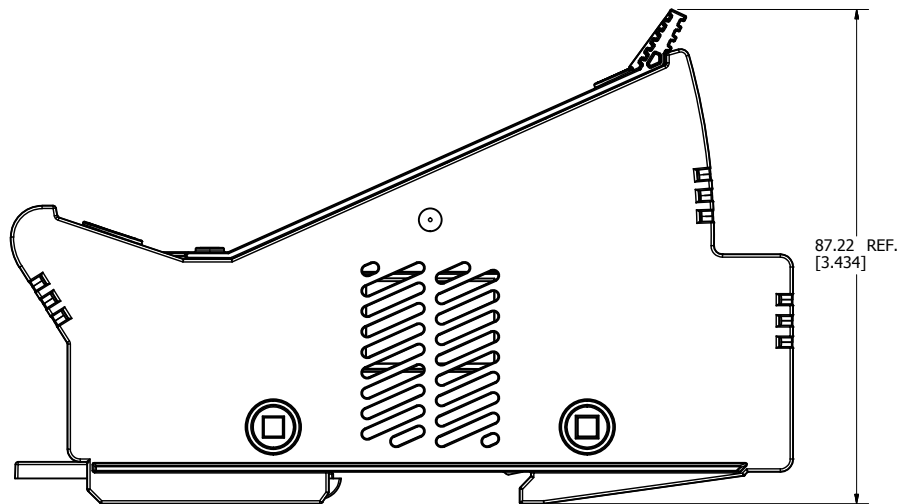
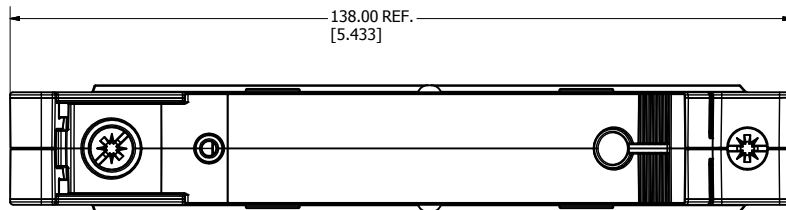
## LFPXV Touch-Safe Fuse Holder

### Ordering Information

| SERIES | VOLTAGE (V DC) | 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<br>(25–2.5 mm <sup>2</sup> )    | 24–28 lb-in<br>(2.71–3.16 N-m) |
|        |                |       |                |                 |          |                      | 1               | 16–18 AWG<br>(1.5–0.75 mm <sup>2</sup> ) | 18–22 lb-in<br>(2.03–2.49 N-m) |
|        |                |       |                |                 |          |                      | 2*              | 6–14 AWG<br>(16–2.5 mm <sup>2</sup> )    | 26–30 lb-in<br>(2.94–3.69 N-m) |
|        |                |       |                |                 |          |                      | 2*              | 16–18 AWG<br>(1.5–0.75 mm <sup>2</sup> ) | 20–24 lb-in<br>(2.26–2.71 N-m) |

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

### Dimensions mm (inches)



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