POWR-GARD® Fuse Holder
LFXV15 SERIES FUSE BLOCK & COVER

1500 V • 35–60 A

Description
The Littelfuse LFXV15 series fuse block and cover is designed to hold 1500 V size 20 x 127 mm fuses rated 35–60 amperes. Suitable for photovoltaic systems (string and high-capacity combiner boxes) with fault currents up to 50 kA.

With available ampere ratings up to 60 A, more strings can be pre-combined in harnesses to reduce the number of inputs into combiner boxes, thereby decreasing installation time and labor costs.

Features/Benefits
- Dead-front cover design offers personnel protection
- Ventilated design keeps the fuse running cooler, even at high ambient temperatures and current ratings, to increase fuse longevity
- Narrower width accommodates more blocks in a panel to maximize space
- Designed for easy fuse removal and replacement to minimize maintenance time. No tools required
- 35 mm DIN-rail mounting option for quick assembly and installation
- Accepts both wire and busbar for added flexibility
- Positive lock feature secures the fuse puller in the block when the fuse is absent

Recommended Fuses
Littelfuse SPXV 20 x 127 mm fuses rated 35–60 amperes.

Ordering Information

<table>
<thead>
<tr>
<th>VOLTAGE (V dc)</th>
<th>AMPERAGE RATING</th>
<th>POLES</th>
<th>FUSE BLOCK &amp; COVER ORDERING NUMBER</th>
<th>CONNECTOR TYPE</th>
<th>DRIVE</th>
<th>TORQUE</th>
<th>WIRE RANGE</th>
<th>WIRE TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500</td>
<td>60</td>
<td>1</td>
<td>LFXV15060-BC*</td>
<td>Box Lug</td>
<td>3/16 Inch Hex</td>
<td>5.6 N-m (60 lb-in)</td>
<td>2–4 AWG (35–25 mm²)</td>
<td>CU only</td>
</tr>
</tbody>
</table>

*For replacement only: Fuse Block LFXV150601C or Cover LFXV15060FBC

Specifications
- Voltage Ratings: 1500 V dc
- Amperage Rating: 60 A
- Withstand Rating: 50 kA
- Power Acceptance: 24.1W Maximum
- Fuse Size: 20 x 127 mm
- Material: Thermoplastic
- Fuse Clip: Tin-plated copper alloy
- Screws: Tin-plated aluminum
- Operating Temperature: -55 °C to +125 °C
- Flammability Rating: UL94 V-0
- Temperature Stability: Base: 130 °C
- Cover: 140 °C
- Approvals: Block: UL 4248-19 Listed (File E345481)
- Cover: UL Listed Fuse Accessory (File E184929)
- Environmental: RoHS compliant, Lead (Pb) free, REACH
- Recommended DIN Rail: TH 35-7.5 per IEC 60715
- Country of Origin: China

Web Resources
Download the complete datasheet and other technical documents: Littelfuse.com/LFXV15
LFXV15 Features & Benefits

- Narrow width of holder accommodates more blocks in a panel to maximize space (34.79 mm; 1.37 in)
- Fuse puller hooks facilitate easy removal
- Thermoplastic barriers for additional safety
- Positive lock feature secures the fuse puller in the block when the fuse is absent
- SPXV Solar Fuse (not included)
- #10 panel mounting holes available for installation flexibility
- Handle designed for easy fuse removal and replacement to minimize maintenance time. No tools required.
- 35 mm DIN-rail clip mounting option for quick assembly and installation
- Dead-front cover design offers personnel protection
- Ventilated design keeps fuse running cooler, even at high ambient temperatures and current ratings, to increase fuse longevity
- Accepts both wire and busbar for added flexibility
- LFXV15 Features & Benefits

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LFXV15 SERIES FUSE BLOCK & COVER

Dimensions Millimeters (in)

Fuse Block & Cover Assembly: LFXV15060-BC

Fuse Cover: LFXV15060FBC

Fuse Block: LFXV150601C

Look for this logo to indicate products that are used in solar applications. Visit our website Littelfuse.com/Solar for the latest updates on approvals, certifications, and new products.

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