

POWR-GARD® Fuse Holder

LFXV15 SERIES FUSE BLOCK & COVER

1500 V • 35–60 A

REACH    



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

VOLTAGE (V dc)	AMPERE RATING	POLES	FUSE BLOCK & COVER ORDERING NUMBER	CONNECTOR TYPE	DRIVE	TORQUE	WIRE RANGE	WIRE TYPE	
1500	60	1	LFXV15060-BC*	Box Lug	3/16 Inch Hex	5.6 N-m (50 lb-in)	2–4 AWG (35–25 mm ²)	CU only	Stranded
						2.8 N-m (25 lb-in)	6–14 AWG (16–2.5 mm ²)		

*For replacement only: Fuse Block LFXV150601C or Cover LFXV15060FBC

Specifications

Voltage Ratings	1500 V dc
Amperage Rating	60 A
Withstand Rating	50 kA
Power Dissipation	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

WIRE TYPE	
75 °C or 90 °C CU Only Stranded	UL Class B and Class C wire
	IEC Class 5 Flexible Wire (self-certified)

BUSBAR SPECIFICATIONS			
TERMINAL	THICKNESS	WIDTH	TORQUE
Maximum	0.250 in (6.35 mm)	0.290 in (7.37 mm)	25 lb-in (2.8 N-m)
Minimum	0.125 in (3.18 mm)	0.200 in (5.08 mm)	25 lb-in (2.8 N-m)

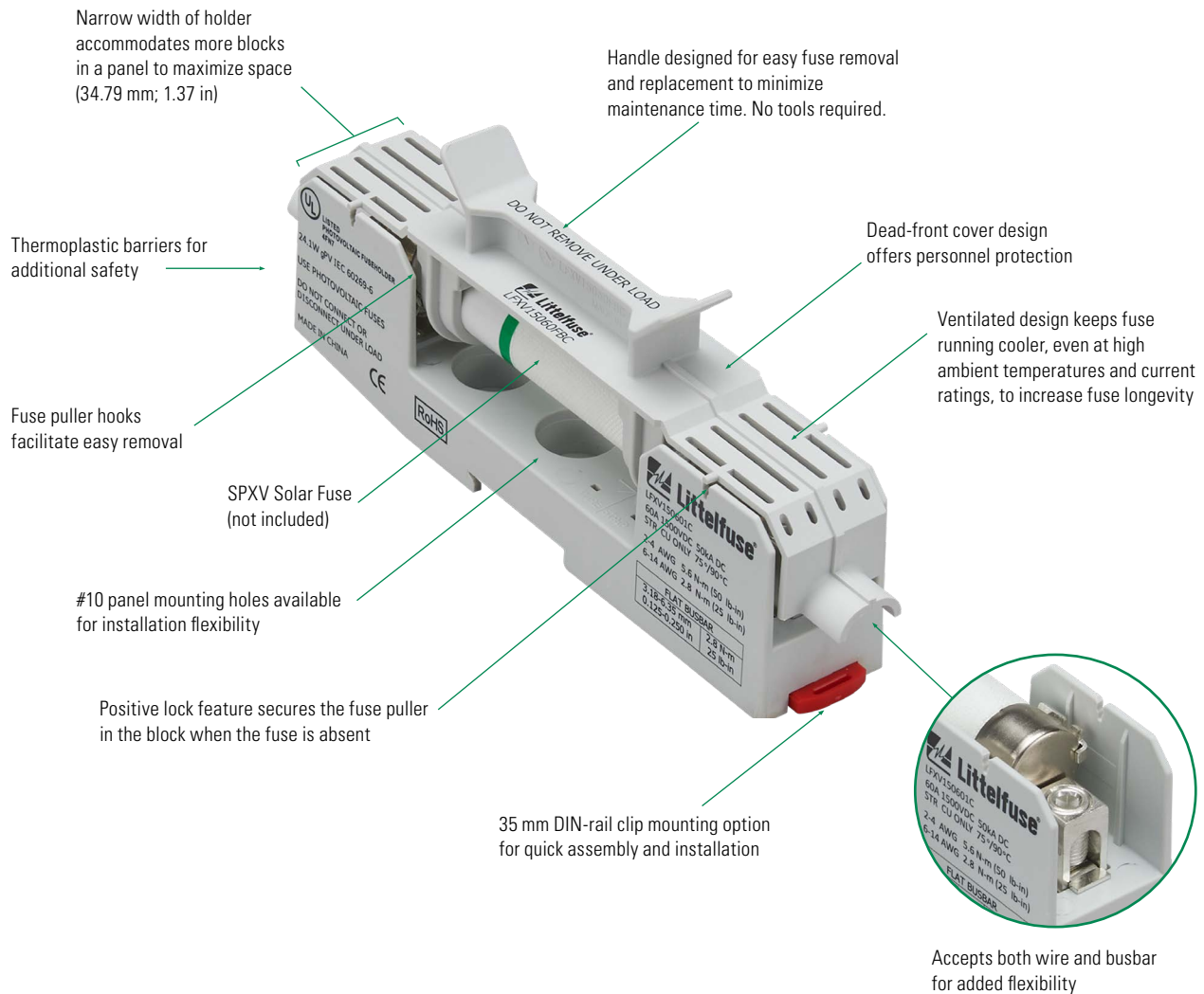
Web Resources

Download the complete datasheet and other technical documents: [Littelfuse.com/LFXV15](https://www.littelfuse.com/LFXV15)

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LFXV15 Features & Benefits

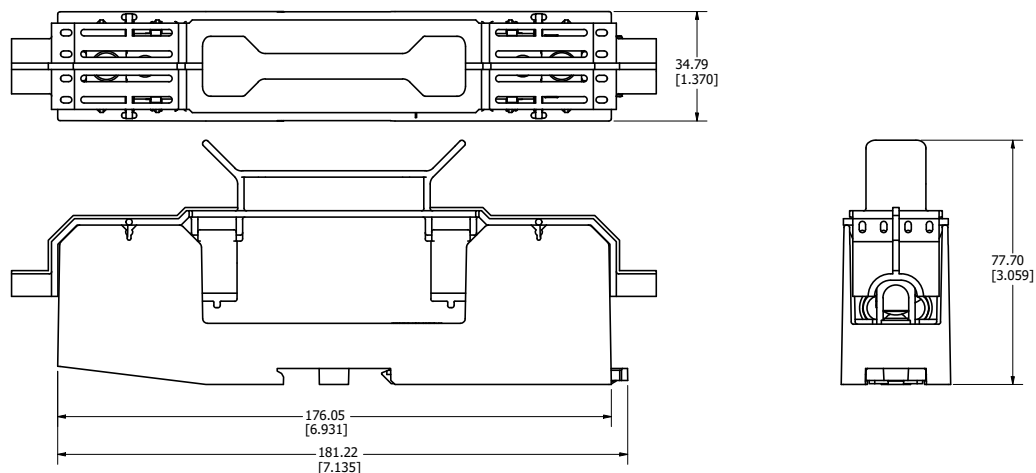


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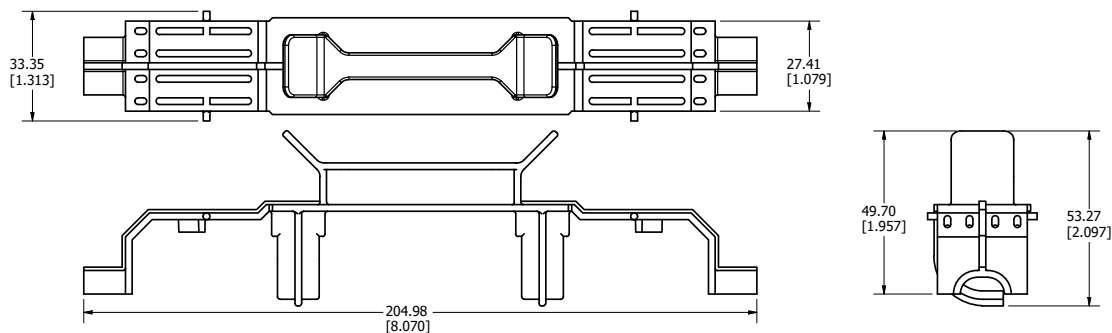
LFXV15 SERIES FUSE BLOCK & COVER

Dimensions Millimeters (in)

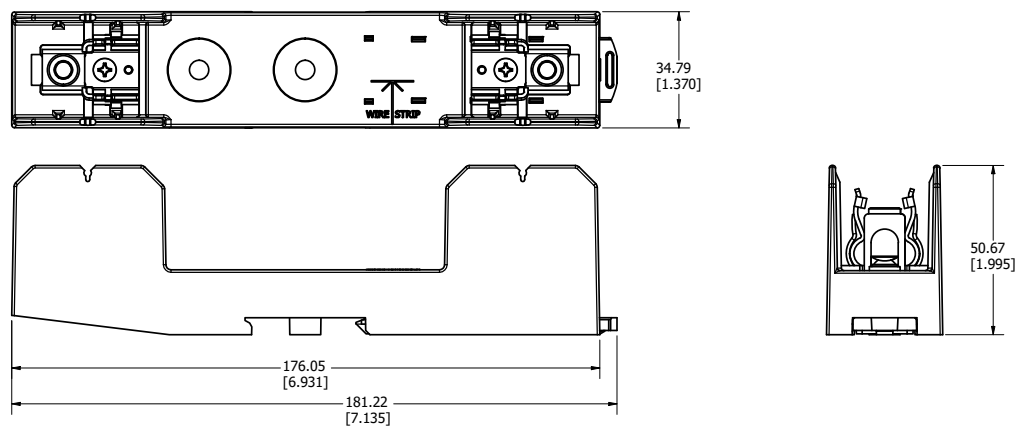
Fuse Block & Cover Assembly: LFXV15060-BC



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](https://www.littelfuse.com/Solar) for the latest updates on approvals, certifications, and new products.

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