Solar (PV) Application Products

1500 V Dc Solar Fuse Products

SPXC Series Fuses

- 1500 V dc 1-4 A
- 10 x 57 mm
- UL 248-19 Listed
- Meets IEC 60269-6*
- Up to 50,000 A interrupting
- Ferrule or PCB mount available
- Application: string inverters



SPXV Series Fuses

- 1500 V dc 1-60 A
- UL 248-19 Listed
- TUV IEC 60269-6
- Applications: inverters and combiner boxes
- SPXVS silver-plated series available



SPXI In-line Series Fuses

- 1500 V dc 1-60 A
- UI 248-19 Listed
- TUV IEC 60269-6*
- Accommodates large wire range
- No fuse holder required
- Application: PV wire harness (eliminate combiner boxes)



SPNH Series Fuses

- 1500 V dc 50-400 A
- UL 248-19 Listed
- Meets IEC 60269-6
- Bolted directly onto busbar or inserted into fuse blocks
- Applications: inverters and re-combiners



LFXV15 Series Fuse Block & Cover

- Dead-front cover for protection
- Ventilated design keeps fuse cool
- Easy fuse removal, no tools required
- 35 mm DIN-rail mountable
- Holds 20 x 127 mm 35–60 A SPXV fuses



LFPXV Series - Touch-Safe Holders

- Finger-safe design
- No fuse pullers or tools required
- 35 mm DIN-rail mountable
- Holds 10 x 85 mm SPXV/SPXVS fuses



1000 V Dc Solar Fuse Products

SPFI In-line Series Fuses

- 1000 V dc 2-30 A
- UL 248-19 Recognized
- TUV IEC 60269-6*
- No fuse holder required
- Application: PV wire harness (eliminate combiner boxes)



SPF Series Fuses

- 1000 V dc 1-30 A
- UL 248-19 Listed
- TUV IEC 60269-6
- Ferrule or PCB mount available
- Applications: combiner boxes, inverters, and battery charge controllers



LPHV Series Fuse Holders

- Touch-safe design offers protection
- 35 mm DIN-rail mountable
- Designed to hold SPF 1000 V dc fuses



SPFJ Series Fuses

- 1000 V dc 70-450 A
- Listed to UL 248-19 (PV) and UL 248-8 (Class J)
- Meets IEC 60269-6*
- Compact footprint reduces panel size
- Applications: re-combiner boxes and inverters



LFJ1000 Series Fuse Blocks

- 1000 V dc fuse block
- UL 4248-18 Listed
- Available in clip or stud configurations
- Designed to hold SPFJ fuses



High-Speed Protection

PSR High-Speed Series Fuses

- 550-1300 V ac and 500-1000 V dc
- 40 A-2000 AUL 248-13 Recognized
- Meets IEC 60269-4
- Available in DIN-mount, flush-end and bolted-blade terminations
- Optional remote indication micro-switch available
- Application: dc couple
 PV-BESS central inverters



PSX Series High-Speed Square Body Fuses

- 1500 V dc 80-1400 A
- Dc breaking capacity up to 250 kA at 1500 V dc
- Available in DIN-mount, flush-end and bolted-blade terminations
- UL248-13 Recognized
- Meets IEC 60269-4
- Optional remote indication microswitch available
- Application: hybrid PV-BESS inverters



^{*}Meets electrical performance requirements



Solar (PV) Application Products

Ground Fault Protection

SE-601 Series Ground-Fault Relays

- Provides sensitive ground-fault protection for ungrounded systems
- Application: central inverters



EL731 Series Earth Leakage Relays

- Provides sensitive earth-leakage protection for grounded systems
- Application: central inverters



600 V Dc Solar Products

IDSR Series Indicator® Fuses KLKD Series 10 x 38 (Midget) Fuses

- 600 V ac/dc
- KLKD UL 248-19 Listed
- Applications: combiner boxes, inverters, battery chargers and high amp power distribution
- Negative terminal combination blocks available

100 V Dc and Below Solar Products

400PV Series - 2410 Photovoltaic Fuse

- 86 V dc .375 A
- Recognized to UL/CSA 248-1 and UL/CSA 248-19
- Wide temperature operating range
- 2410 size; surface mountable
- Applications: photovoltaic shingles and cells



Overvoltage Protection

SPD2 PV Series Surge Protective Devices (SPDs)

- 1100 and 1500 V dc in 3+0 configuration
- Protects equipment from transient overvoltage
- Applications: combiner boxes and inverters

For more information on all surge protective devices visit Littelfuse.com/SPD

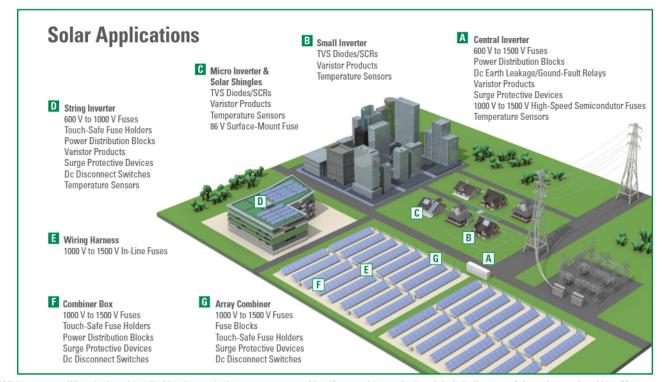


Switch Products

Dc Disconnect Switches

- 1000 and 1500 V 200, 320, 400 and 500 A
- Design eliminates need for external bridging links (jumpers) to lower heat dissipation and save installation time
- Applications: combiner boxes, array combiners and string inverters





With over 25 million devices installed in photovoltaic power systems, Littelfuse understands the global challenges of the solar market. We offer numerous circuit-protection products that are uniquely suited to protect the equipment and systems subject to the harsh environments of standard photovoltaic installations. For more information, visit **Littelfuse.com/Solar**

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