

POWR-GARD™ PRODUCTS SELECTION GUIDE



Total Solution Provider

Littelfuse® Worldwide

Littelfuse is an international corporation dedicated and committed to serving customers with innovative circuit protection products that consistently surpass commonly accepted performance standards. With sales, service and distribution centers in the United States, United Kingdom, The Netherlands, Singapore, Japan, Korea, China and Brazil, product accessibility and design support is available to equipment manufacturers, buildings, plants and construction sites around the world.

Product Innovation

Littelfuse offers innovative solutions based on extensive research and development, and an uncompromising approach to quality. We continue to enhance our products and manufacturing processes to stay on the leading edge of technology. Littelfuse holds several patents on overcurrent and overvoltage devices and is always developing new products to meet ever-increasing needs for circuit protection. Innovative products such as the award winning Indicator™ series of fuses makes Littelfuse the world leader in circuit protection.

Total Solutions

Littelfuse offers the broadest line of circuit protection products in the world for both overcurrent and overvoltage applications. Technologies include fuses, resettable PTCs, ESD suppressors, thyristors, gas tubes, diodes, and MOVs. As the leading global provider of circuit protection devices for the electrical, electronic, and automotive industries, we deliver the innovation, expertise, quality and service you expect from an industry leader.

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KLPC Series CLASS L

KLPC series POWR-PRO® fuses provide ideal overcurrent protection for service switches, switchboard mains and feeders, bolted pressure contact switches, motor control centers, transformers, power circuit protection, and other applications requiring 200 - 6000 ampere fuses.

- **Voltage Rating:**
600 VAC / 480 VDC
- **Interrupting Rating:**
300,000 AC / 20,000 DC amperes
- **Ampere Range:**
200 - 6000 amperes
- **Time Delay**



Sample part number: KLPC 1000

KLPC replaces competitor's: KRPC, A4BQ



CCMR Series Class CC/CD

The CCMR series POWR-PRO® CC fuses are true dual element, time-delay fuses specifically engineered for space-saving motor branch circuit protection. These fuses are recommended for motor circuits up to 40 HP and for general purpose circuits up to 60 amps.

- **Voltage Rating:**
600 VAC (contact factory for DC voltages)
- **Interrupting Rating:**
300,000 AC amperes
- **Ampere Range:**
2/10 - 60 amperes
- **Time Delay**



Sample part number: CCMR 40

CCMR replaces competitor's: LPCC, ATDR



LLSRK_ID Series CLASS RK1

Littelfuse LLSRK_ID series fuse is the most advanced Class RK1 fuse available today providing unparalleled performance and protection to modern circuits. The patented Indicator™ technology provides instant identification of a blown fuse greatly enhancing system uptime, while the precision formed short circuit elements virtually eliminate damage to components from unexpected electrical faults.

- **Voltage Rating:**
600 VAC / 300 VDC
- **Interrupting Rating:**
200,000 AC amperes
300,000 AC amperes (Littelfuse self-certified)
20,000 DC amperes
- **Ampere Range:**
1/10 - 600 amperes
- **Time Delay**



Sample part number: LLSRK450ID

LLSRK_ID replaces competitor's: LPSRK, A6DR



LLNRK / LLSRK Series CLASS RK1

Littelfuse LLNRK and LLSRK series POWR-PRO® fuses provide superior overload and short circuit protection for general purpose (service entrance, main, feeder, and branch) circuits and for circuits with high inrush currents (motors, transformers, and solenoids).

- **Voltage Rating:**
250 VAC / 125 VDC (LLNRK)
600 VAC / 300 VDC (LLSRK)
- **Interrupting Rating:**
300,000 AC / 20,000 DC amperes
- **Ampere Range:**
1/10 - 600 amperes
- **Time Delay**



Sample part number: LLNRK 450

LLNRK replaces competitor's: LPNRK, A2DR
LLSRK replaces competitor's: LPSRK, A6DR



JTD_ID Series CLASS J

The Littelfuse JTD Indicator fuse provides visual indication when the fuse has blown and maximum protection in a compact package. Ideal for use with motors, transformers, solenoids, and general purpose circuits with limited space.

- **Voltage Rating:**
600 VAC (contact factory for DC voltages)
- **Interrupting Rating:**
300,000 AC amperes (Littelfuse self-certified)
- **Ampere Range:**
8/10 - 600 amperes
- **Time Delay**



Sample part number: JTD60ID



JTD replaces competitor's: LPJ, AJT

LDC Series CLASS L

LDC series fuses are the first UL Listed 600 volts AC and DC Class L fuse. They are recommended for UPS protection, DC distribution, DC variable speed drives, crane rail circuits and other large DC equipment, mass transit systems, and general purpose main, feeder, and branch circuits.

- **Voltage Rating:**
600 VAC / 600 VDC
- **Interrupting Rating:**
200,000 AC / 50,000 DC amperes
- **Ampere Range:**
150 - 2000 amperes
- **Time Delay**



Sample part number: LDC 1200



KLLU Series CLASS L

The general purpose KLLU Class L fuse provides high quality protection at a slightly lower cost than the POWR-PRO KLPC version. These fuses are recommended for use in service switches, switchboard mains and feeders, bolted pressure contact switches, motor control center mains, and large motor branch circuits.

- **Voltage Rating:** 600 VAC (contact factory for DC voltages)
- **Interrupting Rating:** 200,000 AC amperes
- **Ampere Range:** 601 - 4000 amperes
- **Time Delay**



Sample part number: KLLU 1000

KLLU replaces competitor's: KLU, A4BT

KLDR/KLKR Series CLASS CC

Three types of Class CC fuses provide protection for a variety of components. The KLDR series fuses are designed to withstand the high magnetizing inrush of transformers. The KLKR series fuses are used to protect equipment requiring fast response to faults. (Refer to the POWR-PRO section for information on the CCMR series motor protection fuses).



- **Voltage Rating:** 600 VAC / 300 VDC
- **Interrupting Rating:** 200,000 AC / 20,000 DC amperes
- **Ampere Range:** 1/10 - 30 amperes
- **Time Delay:** KLDR series
- **Fast Acting:** KLKR series



Sample part number: KLDR 20

KLDR replaces competitor's: FNQR, ATQR
KLKR replaces competitor's: KTKR, ATMR

KLNR/KLSR Series CLASS RK1

The KLNR/KLSR series Class RK1 fuses are extremely current limiting and provide fast-acting overload and short-circuit protection. They are recommended for use with resistance heaters, lighting circuits, and other non-inductive loads up to 600 amperes.

- **Voltage Rating:** 250 VAC / 125 VDC (KLNR)
600 VAC (KLSR) (contact factory for DC voltages)
- **Interrupting Rating:** 200,000 AC / 20,000 DC amperes
- **Ampere Range:** 1 - 600 amperes
- **Fast Acting**



Sample part number: KLNR 200

KLNR replaces competitor's: KTNR, A2KR
KLSR replaces competitor's: KTSR, A6KR

FLNR_ID/FLSR_ID Series CLASS RK5

The Littelfuse FLNR_ID and FLSR_ID Indicator fuses provide visual indication when the fuse has blown, reducing down time and increasing safety. Ideal for use with all general-purpose circuits, motors, transformers, solenoids, fluorescent lighting, and all system components with high inrush currents.



- **Voltage Rating:** 250 VAC / 250 VDC (FLNR_ID)
600 VAC / 300 VDC (FLSR_ID)
- **Interrupting Rating:** 200,000 AC / 20,000 DC amperes
- **Ampere Range:** 1/10 - 600 amperes
- **Time Delay**



MSHA Approved (FLSR_ID)

Sample part number: FLSR12ID

FLNR_ID replaces competitor's: FRNR, TRNR
FLSR_ID replaces competitor's: FRSR, TRS

JLS Series CLASS J

JLS series fuses provide space-saving, fast-acting protection for non-inductive loads. The fuse characteristics are similar to the KLNR/KLSR series RK1 fuses, but are much smaller in size. They are also recommended for use with resistance heaters, lighting circuits, and other non-inductive loads up to 600 amperes.

- **Voltage Rating:** 600 VAC
- **Interrupting Rating:** 200,000 amperes
- **Ampere Range:** 1 - 600 amperes
- **Fast Acting**



Sample part number: JLS 110

JLS replaces competitor's: JKS, A4J

JLLN/JLLS POWR-T™ Series CLASS T

POWR-GARD Products space saving POWR-T fuses provide fast-acting overload and short circuit protection for non-inductive circuits, these fuses are recommended to protect individual electric services and meters, main switch meter stacks, and similar equipment.



- **Voltage Rating:** 300 VAC / 125 VDC (110 - 1200 amps) (JLLN)
600 VAC / 300 VDC* (JLLS)
- **Interrupting Rating:** 200,000 AC / 20,000 DC amperes
- **Ampere Range:** 1 - 1200 amperes
- **Fast Acting**



Sample part number: JLLS 100
*JLLS only

JLLN replaces competitor's: JJN, A3T
JLLS replaces competitor's: JJS, A6T

NLN/NLS Series CLASS K5

NLN and NLS series fuses provide low cost protection for general purpose feeder and branch circuits.

- **Voltage Rating:**
250 VAC / 250 VDC (NLN)
600 VAC (contact factory for DC volt-ages) (NLS)
- **Interrupting Rating:**
50,000 AC amperes
(contact factory for DC amps)
- **Ampere Range:**
1 - 600 amperes
- **One-Time Fuse**



Sample part number: NLS 125

NLN replaces competitor's: NON, OT
NLS replaces competitor's: NOS, OTS



SLC Series CLASS G

The unique design of Littelfuse's compact SLC series Class G fuses provide size rejection to insure correct fuse replacement. These low-cost, space-saving fuses are recommended for use with both non-inductive and inductive loads with limited inrush currents.

- **Voltage Rating:**
600 VAC (1/2–20A), 480 VAC (25–60A)
- **Interrupting Rating:**
100,000 AC amperes
- **Ampere Range:**
1/2 - 60 amperes
- **Medium Time Delay**



Sample part number: SLC 10

SLC replaces competitor's: SC, AG



RLN/RLS Series CLASS H

Littelfuse RLN/RLS series renewable fuses are a quality product traditionally used to provide low cost protection. However, the possibility to improperly renew them has almost eliminated their use in new applications. Littelfuse recommends using the general purpose FLNR or FLSR series fuses.

- **Voltage Rating:**
250 VAC (RLN)
600 VAC (RLS)
- **Interrupting Rating:**
10,000 AC amperes
- **Ampere Range:**
1 - 600 amperes
- **Renewable Fuse**



Sample part number: RLS 125

RLN replaces competitor's: REN, RF
RLS replaces competitor's: RES, RFS



PLUG Fuses

Edison-Base TOO, TLO Series
Type S SOO, SLO Series

SOO/TOO – Dual element time-delay fuses. Designed for motor and motor branch-circuit protection; also suitable for all general purpose circuits.

SLO/TLO – Medium time-delay fuses. Recommended for general purpose branch-circuit protection.

- **Voltage Rating:**
125 VAC
- **Ampere Range:**
1/4 - 30 amperes
- **Time Delay or Medium Time Delay**



Sample part number: TOO 3



IDSR Indicator™ Series CLASS RK5

The Littelfuse IDSR Indicator fuse was designed specifically for DC applications. It offers 600 volt AC/DC rating along with visual blown fuse indication. Ideal for use with general purpose circuits, motors, transformers, solenoids, fluorescent lighting, and all system components with high inrush currents.

- **Voltage Rating:**
600 VAC / 600 VDC
- **Interrupting Rating:**
300,000 AC / 20,000 DC amperes
- **Ampere Range:**
1/10 - 600 amperes
- **Time Delay**



MSHA Approved (IDSR)

Sample part number: IDSR 30

IDSR replaces competitor's: FRSR, TRS



FLNR/FLSR Series CLASS RK5

Littelfuse FLNR/FLSR series Class RK5 dual-element time delay fuses are the most widely used class of fuse. They provide excellent protection for general purpose circuits including service entrance switches, main and feeder switches, motors, and transformers.

- **Voltage Rating:**
250 VAC / 250 VDC (FLNR)
600 VAC / 300 VDC (FLSR)
- **Interrupting Rating:**
200,000 AC / 20,000 DC amperes
- **Ampere Range:**
1/10 - 600 amperes
- **Time Delay**



MSHA Approved (FLSR)

Sample part number: FLSR12

FLNR replaces competitor's: FRNR, TRNR, DLNR
FLSR replaces competitor's: FRSR, TRS, DLSR



Midget Fuses

Littelfuse offers several series of midget fuses that provide supplementary protection in such applications as: control circuits, street lighting, computers, DC circuits, solenoids, small motors, and transformers. Available in fast-acting and time-delay versions in a variety of voltage, ampere, and interrupting ratings.

- **Voltage Rating:** 32 - 1000 VAC
- **Interrupting Rating:** 10,000 - 200,000 AC amperes (10,000 DC amp fuse available)
- **Ampere Range:** 1/10 - 30 amperes
- **Time Delay:** FLA, FLM, FLQ, KLQ
- **Fast Acting:** BLF, BLN, BLS, FLU, KLK, KLKD



Sample part number: KLK 20

BLF series
250 VAC (1/2 - 15 amps)
125 VAC (20 - 30 amps)
1/2 - 30 amps
10,000 AIR
Fast Acting

BLN series
250 VAC
1 - 30 amps
10,000 AIR
Fast Acting

BLS series
600 VAC (2/10 - 5 amps)
250 VAC (6 - 10 amps)
2/10 - 10 amps
10,000 AIR
Fast Acting

FLA series
125 VAC
1/10 - 30 amps
10,000 AIR
Time Delay

FLM series
250 VAC
1/10 - 30 amps
10,000 AIR
Time Delay

FLQ series
500 VAC
1/10 - 30 amps
10,000 AIR
Time Delay

FLU series
1000 VAC/DC
44/100 - 11 amps
44/100A: 10,000 AIR
11A: 20,000 AIR

KLK series
600 VAC
1/10 - 30 amps
200,000* AIR
Fast Acting

KLKD series
600 VAC/VDC
1/10 - 30 amps
100,000 AC / 10,000 DC AIR
Fast Acting

KLQ series
600 VAC
1 - 6 amps
10,000 AIR



Replaces competitor's:

LF	Competitor
BLF	BAF, OTM
BLN	BAN, OTM
BLS	BBS
FLA	FNA, GFN
FLM	FNM, TRM
FLQ	FNQ, ATQ
FLU	DMM
KLK	KTG, ATM
KLKD	KLM
KLQ	KTO

Electronic Fuses

Littelfuse supplies numerous Slo-Blo®, fast-acting, and indicating fuses, used in a variety of electrical, electronic, and communications equipment to provide superior protection.

Cartridge Type: 312, 313, 215, 216, 217, 218, 235, 239, 314, 326
Axial Lead Type: 318, 315, 324, 325

- **Voltage Rating:** 32 - 250 VAC
- **Interrupting Rating:** 35 - 10,000 amperes
- **Ampere Range:** 1/100 - 30 amperes
- **Slo-Blo®:** 313, 315, 325, 326, 215, 218, 239
- **Fast Acting:** 312, 318, 314, 324, 216, 217, 235
- **Indication:** 313_ID, 2AG, 229.S

Selected Electronic Fuses:

312/318 series
3AG Fast Acting
250 VAC (1/100 - 10 amps)
32 VAC (12 - 35 amps)

313/315 series
3AG SLO-BLO®
250 VAC (1/100 - 8 amps)
32 VAC (10 - 30 amps)

313 Indicating series
3AG Indicating SLO-BLO®
250 VAC (1/2 - 8 amps)
32 VAC (10 amps)

314/324 series
3AB Fast Acting
250 VAC (1/8 - 20 amps)
125 VAC (25 - 30 amps)

326/325 series
3AB SLO-BLO®
250 VAC (1/100 - 20 amps)
125 VAC (25 - 30 amps)

Sample part number: 313010 ID

215 series (Type T)
5x20mm SLO-BLO®
250 VAC (.200 - 10 amps)

216 series (Type F)
5x20mm Fast Acting
250 VAC (.050 - 10 amps)

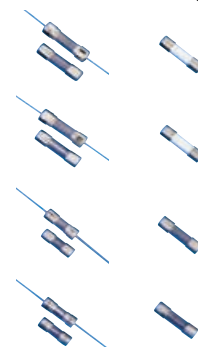
217 series (Type F)
5x20mm Fast Acting
250 VAC (.032 - 15 amps)

218 series (Type T)
5x20mm SLO-BLO®
250 VAC (.032 - 15 amps)

235 series
5x20mm Fast Acting
250 VAC (1/10 - 3 amps)
125 VAC (4 - 6 amps)

239 series
5x20mm SLO-BLO®
250 VAC (2/10 - 3 amps)
125 VAC (4 amps)

Sample part number: 239.400



For additional information see Littelfuse's Electronic Designers Guide - EC101.

Automotive Fuses

- **Voltage Rating:** 32V AC/DC
- **Ampere Range:** 1 - 500 amperes
- **Slo-Blo®:** MAXI™ (299 series), MEGA®, MIDI®
- **Fast Acting:** ATO® (257 series) MINI® (297 series)



For additional information see Littelfuse's Automotive Aftermarket Catalog - AA101.

Selected Automotive Fuses:

MAXI 299 series
SLO-BLO®
32V AC/DC
20 - 80 amps

MEGA series
SLO-BLO® Bolt-On
32V AC/DC
60 - 500 amps

MIDI series
SLO-BLO® Bolt-On
32V AC/DC
30 - 200 amps

ATO 257 series
Fast Acting
32V AC/DC
1 - 40 amps

MINI 297 series
Fast Acting
32V AC/DC
2 - 30 amps

Sample part number: MIN025



Medium Voltage Fuses

E-Rated General Purpose Fuses

- 2.75kV - 10E - 450E
- 5.5kV - 10E - 600E
- 8.25kV - 10E - 400E
- 15.5kV - 10E - 300E
- 25.8kV - 15E - 100E
- 38.0kV - 3E - 80E

E-Rated Potential Transformer Fuses

- 600V - 25.5kV
- 1/2E - 10E

R-Rated Back-up Protection Fuses

- 2.75kV - 2R - 24R
- 5.5kV - 2R - 38R
- 8.25kV - 2R - 24R



Littelfuse Medium Voltage fuses are available with conventional ferrule type, clip lock and bolt-in mounting configurations for flexibility in a variety of applications. Refer to the Littelfuse POWR-GARD catalog PF101 for more information.

E-Rated General Purpose Fuses

"E-rated" fuses are general purpose fuses that protect against both low and high values of fault current. These fuses have time-current characteristics designed to provide current limiting protection for power transformers, power centers, feeder circuits and unit substations.

E-Rated Potential Transformer Fuses

Potential Transformer (PT) fuses are current limiting fuses with high interrupting ratings designed for the protection of potential transformers.

R-Rated Back-Up Protection Fuses

"R-rated" fuses are designed to protect against only high values of fault currents and should be applied only as back-up protection. They provide required short-circuit protection for medium voltage motors, motor controllers, and associated circuitry. However, they must be used in series with other devices, such as motor overload relays, to achieve both overload and short circuit protection.

Telecom Products

Specifically designed for use with Telecommunications circuits, Littelfuse Telecom products provide reliable protection to sensitive DC power distribution systems. The compact design and multiple mounting configurations allow flexibility for the designer.



L17T series fuses

- 170 VDC
- 70 - 1200 amps
- 100,000 amps I.R.

TLN series fuses

- 170 VDC
- 1 - 600 amps
- 100,000 amps I.R.

TLS series fuses

- 170 VDC
- 1 - 125 amps
- 100,000 amps I.R.

70 series alarm fuses

- 125 VAC, 300 VDC
- 100ma - 10 amps
- 1000 amps I.R.

481 series alarm fuses

- 125V AC/DC
- 18/100 - 20 amps
- 1000 amps I.R.

LTFD series disconnect switches

- 60-145 VDC
- 1 - 1200 amps

For additional information refer to Littelfuse POWR-GARD Catalog PF101.

Special Purpose Fuses

Littelfuse Special Purpose fuses are designed for specialty applications. They provide protection to lighting systems, battery operated equipment, and service entrance conductors. Available in a wide range of voltage and ampere ratings to accommodate a variety of applications.



LGR series fuses

- Fast-Acting
- 300 VAC
- 1/2 - 15 amps
- 10,000 AIR

LMF series fuses

- Time-Delay
- 300 VAC
- 3/10 - 10 amps
- 10,000 AIR

LFCL series cable limiters

- 600 VAC
- 200,000 AIR
- Cable Size Range: 4/0 - 750 CM Copper or Aluminum



CNL/CNN series fuses

- Fast-acting (CNL)
- Very fast-acting (CNN)
- 32 VDC (CNL), 48 VDC (CNN)
- 10 - 800 amps



CBO/CCK/CCL series fuses

- Fast-acting (CBO)
- Time Delay (CCK, CCL)
- 32 VDC (CBO), 125 VDC (CCK, CCL)
- 1 - 300 amps



Littelfuse Semiconductor fuses are very fast acting fuses designed specifically for the protection of diodes, thyristors, triacs, and other solid-state power semiconductor devices. These fuses are used in power electronic applications including variable speed drives, power rectifiers, UPS systems, and DC power supplies. They can be used wherever extremely fast-acting, current-limiting fuses are needed to provide superior protection against the potentially damaging effects of short circuit currents.

The extensive line of Littelfuse Semiconductor fuses includes the traditional round body fuses, enhanced state-of-the-art round body fuses, and North American style square body fuses. Available ratings range from 150 to 1300 volts up to 6000 amps.

- **Voltage Rating:**
150-1300 VAC, 150-1000VDC
- **Interrupting Rating:**
100,000-200,000 AC amperes
- **Ampere Range:**
1 - 6000 amperes



Sample part number: LA50QS250-4

LA15QS Series

Voltage Rating: 150V AC/DC
Interrupting Rating: 100,000 amperes
Ampere Range: 1 - 6000 amperes

LA30QS Series

Voltage Rating: 300V AC/DC
Interrupting Rating: 200,000 amperes
Ampere Range: 35 - 4500 amperes

LA50QS Series

Voltage Rating: 500V AC/DC
Interrupting Rating: 200,000 amperes
Ampere Range: 35 - 1200 amperes

LA60Q Series

Voltage Rating: 600 VAC
Interrupting Rating: 200,000 amperes
Ampere Range: 5 - 40 amperes

LA60X Series

Voltage Rating: 600 VAC
Interrupting Rating: 100,000 amperes
Ampere Range: 70 - 2000 amperes

LA70QS Series

Voltage Rating: 700V AC/DC
Interrupting Rating: 200,000 amperes
Ampere Range: 35 - 800 amperes

LA70QS French Cylindrical Series

Voltage Rating: 690 VAC/700 VDC
Interrupting Rating: 200,000 amperes
Ampere Range: 10 - 100 amperes

LA100P Series

Voltage Rating: 1000 VAC/750 VDC
Interrupting Rating: 100,000 amperes
Ampere Range: 15 - 1000 amperes

LA120X Series

Voltage Rating: 1200 VAC/1000 VDC
Interrupting Rating: 100,000 amperes
Ampere Range: 1/2 - 30 amperes

LA070URD Series

Voltage Rating: 700V AC/DC
Interrupting Rating: 200,000 amperes
Ampere Range: 40 - 2500 amperes

LA130URD Series

Voltage Rating: 700V AC/DC
Interrupting Rating: 100,000 amperes
Ampere Range: 40 - 2500 amperes

L15S Series

Voltage Rating: 150V AC/DC (1-60A), 150 VAC (70-1000A), 100 VDC (70-1000A)
Interrupting Rating: 200,000 amperes
Ampere Range: 1 - 1000 amperes

L25S Series

Voltage Rating: 250V AC/DC (1-200A), 250 VAC (225-800A), 200 VDC (225-800A)
Interrupting Rating: 200,000 amperes
Ampere Range: 1 - 800 amperes

L50S Series

Voltage Rating: 500 VAC/450 VDC
Interrupting Rating: 200,000 amperes
Ampere Range: 10 - 1200 amperes

L60S Series

Voltage Rating: 600 VAC
Interrupting Rating: 200,000 amperes
Ampere Range: 1 - 800 amperes

KLC Series (for replacement only)

Voltage Rating: 600 VAC
Interrupting Rating: 200,000 amperes
Ampere Range: 1 - 800 amperes

L70S Series

Voltage Rating: 700 VAC/650 VDC
Interrupting Rating: 200,000 amperes
Ampere Range: 10 - 1200 amperes

Semiconductor Fuse Blocks



LSCR001 Series

LSCR002 Series

Modular-designed Semiconductor fuse blocks are designed to accommodate a wide range of Semiconductor fuses, with a maximum diameter of 3". This modular design greatly reduces inventory requirements. They are sold in pairs and are constructed of molded phenolic, with plated steel studs.



1LS Series

Littelfuse's 1LS series modular style semiconductor fuse blocks accommodate a wide range of semiconductor fuses. Blocks are provided in pairs with fuse mounting hardware.

Global Pro LgD Series Fuses

The Littelfuse Global Pro fuse is designed to offer UL Class J performance in the compact size of IEC dimension fuses. The IEC dimension allows the Global Pro fuse to be used in virtually any market. "Dead-front" fuse holders are also available with a microswitch for integration into PLC networks.



- Voltage Rating: 600 AC (UL) / 690 VAC (IEC)
- Interrupting Rating: 200,000 AC amperes
- Ampere Range: 1 - 100* amperes (*Contact factory for ratings above 60A)
- Time Delay

British Dimension HRCII-C Fuses

Littelfuse HRCII-C fuses provide fast-acting, short circuit protection to motors. These stud-mounted fuses are designed to British dimensions and typically used with "dead-front" holders.



- Voltage Rating: 600 VAC, 250 VDC
- Interrupting Rating: 200,000 AC amperes, 80,000 DC amperes
- Ampere Range: 2 - 600 amperes

NH Fuse Links

Littelfuse NH style fuse links are designed for the protection of conductors, installation lines and motors. Available in NH00C to NH3 sizes up to 630 amp in both the gL-gG and aM characteristics.



- Voltage Rating: 500 VAC, 440 VDC
- Interrupting Rating: 120,000 AC amperes, 25,000 DC amperes
- Ampere Range: 2 - 630 amperes

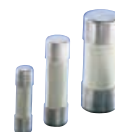
Diazed/Neozed Fuses

Littelfuse Diazed fuses are available with gL-gG and aM characteristics in sizes DI, DII and DIII up to 63 amps. The compact Neozed fuses provide gL-gG characteristics in two sizes up to 63 amps.



Cylindrical Fuses

Littelfuse Cylindrical fuses are available in 10x38mm, 14x51mm and 22x58mm sizes. The gL-gG and aM characteristic fuses cover a variety of applications up to 100 amps.



- Voltage Rating: 500 VAC
- Ampere Range: 10x38: 1/2 - 32 amperes
14x51: 2 - 50 amperes
22x58: 16 - 100 amperes

Fuse Holders

Fuse Blocks

Fuse blocks are available for Class H/K5, Class R, Class J, Class T, Class G, Class CC, Midget, Semiconductor, special purpose and International style fuses.



- Voltage Rating: 150-1000 volts
- Ampere Range: 1 - 800 amperes



POWR-SAFE "Dead Front" Holders

Littelfuse POWR-SAFE holders provide optimum protection to personnel. These DIN-Rail mountable holders are available in indicating and non-indicating versions for Class CC, Midget, Class J and Global-Pro style fuses.



Panel Mounted Fuseholders 571 series

Panel mount fuseholders are available for Midget or Class CC fuses.

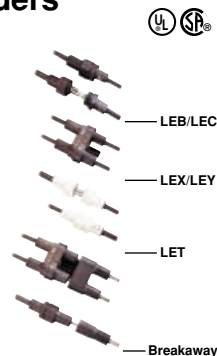


- Voltage Rating: 600 volts
- Ampere Rating: 30 amperes



In-Line Watertight Fuseholders LEB/LEC, LEX/LEY & LET series

Littelfuse's 600 volt in-line watertight fuse holders are available in both break-away and non-breakaway styles, single and double pole versions, allowing maximum flexibility for any application. Designed for use with Class CC and Midget style fuses up to 30 amps. Single pole solid neutral holders are also available.



LHFB Inline Fuse Holder

The Littelfuse LHFB waterproof inline fuse holder is ideal for harsh environments. The easy to assemble one-piece molded thermoplastic body is a bright green color for high visibility. The LHFB holder accepts #12 to #18 gauge wire and features the voltage and amperage rating molded into the body, along with a wire strip gauge. Withstands solvents and vibration, for use with 1/4" x 1-1/4" fuses.

- Voltage Rating: 32 volts
- Ampere Rating: 30 amperes



POWR-Switch Elevator Disconnect Switch

The Littelfuse POWR-Switch provides a simple and economical solution for applications that require coordination and shunt trip capabilities. Common applications include elevator circuits, data processing rooms, and building emergency systems.

By utilizing Class J time delay fuses, the POWR-Switch is easily coordinated with other system overcurrent devices. The shunt trip capability allows the POWR-Switch to meet the ANSI/ASME standard that requires power to be automatically disconnected before water is turned on by the fire safety system. The POWR-Switch also features pre-wired control circuits that can help reduce installation costs.



Voltage Rating: 600 volts
Ampere Rating: 30-400 amp
Approvals: UL Listed and CSA Certified
Interrupting Rating: 200,000 amp

Power Distribution/Splicer Blocks

For safe and convenient cable distribution and splicing. Available in multi-pole configurations with a variety of ampere ratings and wire sizes.



Fuse Block Covers

Improves safety to personnel by minimizing contact with energized parts. Available for Class H/R, J, CD, CC and Midget style fuses up to 100 amps.



DIN-Rail Adapters

Allows Class CC, Midget and Class G (30 amp) blocks to be directly mounted on low profile 35mm symmetrical "hat" and 32mm asymmetrical DIN-Rail.



Spare Fuse Cabinet

Lockable storage space for your spare fuse inventory. Measures 30"h x 24"w x 12"d with keyhole mounting holes.



Fuse Display Racks

Available fully stocked or empty for Electronic fuses. Stocked racks are provided with 720 of the most popular electronic fuses.



Box Cover Units

Box cover units provide an economical method of protecting small motors and other general purpose circuits. For use with Type S and Edison-base plug fuses.



Fuse Reducers

Fuse reducers allow smaller size fuses to be installed in existing fuse clips, preventing overfusing. For use with Class H/R and J style fuses.



Disconnect Switches

Fusible and non-fusible rated up to 60 amps. These switches are commonly used as a main or distribution switch. Optional handles, shafts, contact blocks and terminal covers are also available.



Fuse Pullers

For safe fuse installation and removal. Available in 3 sizes and ergonomically designed for comfort.






























POWR-JAW Clip Clamps

For improving contact between fuse and clips. Clip clamps minimize poor clip contact due to loss of spring force.



Industrial Varistor Products

Overvoltage conditions are rapidly becoming an increasing concern in the electrical industry. Component miniaturization has resulted in increased sensitivity to many devices that are unable to handle high currents and other voltage transients. Below is a brief overview of some of the suppression technologies available from Littelfuse.

	TMOV™/iTMov™ Varistor Series	UltraMov™ Varistor Series	C-III Series	LA Series	ZA Series
					
OPERATING VOLTAGE:	115-420 VAC 170-420 VDC	130-625 VAC 170-825 VDC	130-320 VAC	130-1,000 VAC 175-1200 VDC	4-460 VAC 5.5-615 VDC
PEAK CURRENT:	6,000-10,000A	1,750-10,000A	6,000-9,000A	1,200-6,500A	50-6,500A
PEAK ENERGY:	50-320	50-273J	45-220J	11-360J	0.1-52J
MOUNT/Form FACTOR:	Radial Leaded	Radial Leaded	Radial Leaded	Radial Leaded	Radial Leaded
DISC SIZE:	14, 20mm	7, 10, 14, 20mm	14, 20mm	7,10,14, 20mm	5, 7, 10, 14, 20mm
INDICATING:	iTMov Varistor Only	N/A	N/A	N/A	N/A
					
	MA Series	RA Series	CH Series	CA Series	NA Series
					
OPERATING VOLTAGE:	9-264 VAC 13-365 VDC	4-275 VAC 5.5-369 VDC	14-275 VAC 18-369 VDC	250-2800 VAC 330-3500 VDC	250-750 VAC 330-970 VDC
PEAK CURRENT:	40-100A	150-6,500A	250-500A	20,000-70,000A	40,000A
PEAK ENERGY:	0.06-1.7J	0.4-140J	1-23J	200-10,000J	370-1,050J
MOUNT/Form FACTOR:	Axial Leaded	Packaged	Surface Mount	Bare Disc	Bare Disc
DISC SIZE:	3mm	8, 6, 22mm	N/A	32, 40, 60mm	34mm
					
	PA Series	HB34 Series	HA Series	DA/DB Series	BB/BA Series
					
OPERATING VOLTAGE:	130-660 VAC 175-850 VDC	130-750 VAC 175-970 VDC	130-750 VAC 175-970 VDC	130-970 VAC 175-970 VDC	130-2800 VAL 175-3500 VDC
PEAK CURRENT:	6,500A	40,000A	25,000-40,000A	40,000A	50,000-70,000A
PEAK ENERGY:	70-250J	270-1,050J	200-1,050J	270-1,050J	450-10,000J
MOUNT/Form FACTOR:	Packaged	Industrial Packaged	Packaged	Industrial Packaged	Packaged
DISC SIZE:	20mm	34mm	32, 40mm	40mm	60mm
					



Overvoltage Surge Suppression Fuses LVSP Series

The Littelfuse Varistor Protection (LVSP) Fuses are intended for the protection of TVSS products. The LVSP series has been designed to survive the 8x20μs lightning surges described in various standards (UL1449, IEC61000-4-5 & IEEE C62.41) without opening. This allows the TVSS to perform the necessary suppression.

Voltage Rating: 600VAC

Interrupting Rating: 200,000 amps

Ratings: 5–100kA 8x20μs surge withstand

Approvals: UL Recognized under the components program. (File No. E71611)

Contact factory for additional information.



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