

## ALPHANUMERIC INDEX

Product Name	Page Number
97023	115
150322	131
1LFS, 1LS Series	121
215 Series	35
216 Series	35
217 Series	35
218 Series	35
224 Series	34
225 Series	34
229 Series	34
230 Series	34
235 Series	35
239 Series	35
251 Series	33
273 Series	33
287 Series	36
297 Series	36
299 Series	36
312 Series	34
313 Series	34
314 Series	34
315 Series	34
318 Series	34
324 Series	34
325 Series	34
326 Series	34
342 Series	118
345 Series	119
354 Series	114
451 Series	33
477 Series	33
481 Series	53
505 Series	33
571 Series	117
572 Series	117
70 Series	53
Alarm Monitoring	168
Arc-Flash	157
ATO Series	36
BLF Series	30
BLN Series	30
BLS Series	31
Box Cover Units	179
Bus Bar Series	112
BVSP Series	176
C6200	166
Cable Limiters	65
CCMR Series	27
Class CC	27
Class CD	27
Class G	26
Class J	21
Class K5	20
Class L	8

Product Name	Page Number
Class RK1	13
Class RK5	16
Class T	24
CNL Series	62
CNN / CNN_E Series	62
Coordination Panels	138
Cylindrical Fuses	66
D0900	157
Definitions	198
Displays	181
Distribution Blocks	122
E-Rated Fuses	42
E5000	167
E7800	164
EL731	150
Electronic Fuses	32
Engine Controls/Diagnosis	167
EngineEye	167
FBDIN1	104
Feeder Protection	156
FLA Series	31
FlexGen	166
FLM Series	30
FLNR Series	17
FLNR_ID Series	17
FLQ Series	30
FLSR Series	17
FLSR_ID Series	17
FLU Series	31
Fork-Lift Fuses	62
FPS	156
FPU-32	156
FRCK Series	180
Fuse Blocks, Fuse Holders	82
Fuse Classifications	194
Fuse Reducers	178
Fuseology	183
G2000	158
G3000	158
G3300	159
GDB Series	128
Generator Protection/Control	158
GFP	115
Ground-Fault Protection	143
H4000	169
HAZGARD™	62
High-Speed Fuses	68
IDSER Series	16
In-Line Fuse Holders	131
Industrial Shock-Block	157
JCASE Series	37
JLLN Series	24
JLLS Series	24
JLS Series	22

Product Name	Page Number
JTD/JTD_ID Series	21
KLC Series	69
KLDR Series	28
KLK Series	30
KLKD Series	30
KLKR Series	28
KLLU Series	9
KLNR Series	15
KLPC Series	8
KLQ Series	31
KLSR Series	15
L15S Series	69
L17T Series	50
L25S Series	69
L50S Series	69
L60030C, L60030M Series	101
L60030MPCB	103
L60S Series	69
L70S Series	69
LA100P Series	76
LA15QS Series	71
LA30QS Series	72
LA50QS Series	73
LA60Q Series	74
LA70QS Series	75
LA70QSF Series	74
LAXxxURD Series	77
LCC Series	115
LCP Series	139
LD Series	122
LDC Series	10
LEB Series	132
LEC Series	132
LET Series	132
LEX Series	132
LEX YY Series	136
LEXT YY Series	136
LEY Series	132
LF Series Covers	105
LFC600	101
LFCL Series	65
LFFB003	116
LFG480, LFG600 Series	99
LFH250, LFH600 Series	88
LFJ 1000V Series	107
LFJ600 Series	85
LFPHV	109
LFPSC	110
LFPSJ	111
LFR250, LFR600 Series	88
LFT300, LFT600 Series	94
LGR Series	64
LHFB	116
LHR Series	64

## ALPHANUMERIC INDEX

Product Name	Page Number
Live Parts	48
LLNRK Series	13
LLSRK/LLSRK_ID Series	13
LMF Series	64
LPBC Series	122
LPPF	115
LPS	141
LPSM-QC	113
LPXV Series	106
LRU Series	178
LS Series	122
LSCR Series	120
LSCY	179
LSKA	179
LSOU	179
LSOW	179
LSOX	179
LSOY	179
LSOY-B	179
LSRU	179
LSRW	179
LSRX	179
LSRY	179
LSSU	179
LSSW	179
LSSX	179
LSSY	179
LSTY	179
LTFD Series	54
LVSP Series	175
M1000	168
M2000	167
M2500	167
M3000	168
M4200	168
M4500	169
M4600	169
M4700	169
M8100	165
MAXI Series	36
Medium Voltage	39
MEGA Series	63
MFP	115
Midget Fuses	30
MINI Series	36
Motor Protection	154
MOV	174
MPS	155
MPU-32	155
MROplus	3
NLKP Series	20
NLN Series	20
NLS Series	20
OEM Products	67

Product Name	Page Number
Oversvoltage Suppression	173
Panel Mount Adapters	171
PGN-1000	153
PGN-3000	153
PGR-3100	148
PGR-3200	148
PGR-4300	158
PGR-6100	154
PGR-6130	154
PGR-6150	154
PGR-6800	156
PGR-8800	157
Plug Fuses	63
Potential Transformer	47
POWR-PRO® Fuses	3
Pre-Engineered Solutions	138
Protection Relays	143
Pump Protection	156
R-Rated Fuses	40
Resistance Grounding	151
S6000	166
SB6100	157
SE-105	151
SE-107	151
SE-134C	151
SE-145	151
SE-325	152
SE-330	152
SE-330AU	152
SE-502	153
SE-601	148
SE-701	149
SE-703	149
SE-704	149
Semiconductor Fuses	68
Sigma	166
SLC Series	26
Solar Fuses	56
SPF Series	60
SPFI Series	59
SPFJ Series	61
SPL001	104
Splicer Blocks	122
SPXI Series	58
SPXV Series	57
Stud-Mounted Fuse Blocks	120
Suppression Products	172
T2000	158
T2100	159
T2200	160
T2300	160
T2400	160
T2500	161
T2600	163

Product Name	Page Number
T2700	161
T2800	150
T2900	161
T3000	162
T3100	162
T3200	150
T3300	162
T4500	163
T4800	163
T4900	164
T5000	164
T7900	165
T8400	165
Technical Information	182
Telecom Fuses	49
TLN Series	51
TLO Series	63
TLS Series	52
TMOV	174
T00 Series	63
Trailing Cable Protection	148
Varistors	174
WPB Series	133

## CONDENSED CROSS REFERENCE

Gross Automation 3680 N. 126th St., Brookfield, WI 53005 Toll-Free: 877-268-3700 sales@grossautomation.com

This cross reference covers the most popular fuses for which there is a similar Littelfuse standard item. Furnished for your convenience, it is meant to serve as a guide for product selection. We suggest you check all applicable specifications before making substitutions. For special applications, more complete information, and for fuse block and medium voltage fuse cross referencing, visit [Littelfuse.com](http://Littelfuse.com) or call 1-800-TEC-FUSE (1-800-832-3873).



Competitor	Littelfuse	Competitor	Littelfuse	Competitor	Littelfuse	Competitor	Littelfuse
10KOTN	NLN	CJ	JLS	JKS	JLS	NOS	NLS
10KOTS	NLS	CJS	JLS	KAA	L15S	NRN	NLN
50KOTN	NLN	CLF	KLPC or KLLU	KAB	L25S	NRN (15-60A)	NLKP
50KOTS	NLS	CLL	KLLU or KLPC	KAC	KLC	NRS	NLS
A013F	L15S	CLU	KLLU or KLPC	KBH	L50S	OT	NLN
A015F	L15S	CM	BLF	KLM	KLKD	OTM	BLF or BLN
A015R	L15S	CRN-R	FLNR_ID †	KLU	KLLU or KLPC	OTN	NLN
A025F	L25S	CRS-R	FLSR_ID	KN	KLNR	OTS	NLS
A050F	L50S	CTN-R	KLNR	KON	NLN	PV-(1-30)A10F	SPF
A060F	L60S	CTS-R	KLSR	KOS	NLS	REN	FLNR †
A070F	L70S	DCT	SPF †	KRP-C	KLPC	RES	FLSR †
A13X	L15S	EBS	BLS	KS	KLSR	RF	FLNR †
A25X	L25S †	ECNR	FLNR_ID †	KTG	KLK	RFA	L15S
A2D-R	LLNRK §	ECSR	FLSR_ID	KTKR	KLKR	RFC	KLC
A2K-R	KLNR	ERN	FLNR †	KTNR	KLNR	RFL (750V)	L70S (700 V)
A3T	JLLN	ERS	FLSR †	KTSR	KLSR	RFN (Mersen)	FLNR †
A4BQ	KLPC	FNA	FLA	KTU 601-2000A	LDC	RFS (Mersen)	FLSR †
A4BT	KLLU or KLPC	FNM	FLM	KTU 2500-6000A	KLPC	RFV	L50S
A4BY	KLPC or KLLU	FNQ	FLQ	LCL	KLPC or KLLU	RHN	KLNR
A4J	JLS	FNQ-R	KLDR	LCU	KLPC or KLLU	RHS	KLSR
A50P (type 1 & 4)	L50S	FRN-R	FLNR_ID †	LENRK	LLNRK	S	SOO
A60X	L60S	FRS-R	FLSR_ID	LESRK	LLSRK_ID	SA	SAO
A6D-R	LLSRK_ID §	FWA	L15S †§	LKU	KLLU	SC	SLC
A6K-R	KLSR	FWH	L50S †§	LONRK	LLNRK	SEC	SLC
A6T	JLLS	FWP	L70S * §	LOSrk	LLSRK_ID	SF13X	L15S
A70P	L70S	FWX	L25S * †	LPCC	CCMR	SF25X	L25S
ABC	314	GDA	216	LPJ (SP)	JTD_ID	SF50P	L50S
ACK	CCK	GDB	217	LPNRK (SP)	LLNRK §	SF60X	L60S
AG	SLC	GDC	218	LPSRK (SP)	LLSRK_ID	SF70P	L70S
AGA	AGA	GDL	313	MCL	KLK	SFE	SFE
AGC	312	GEB	LEB	MCR	251	SL	SLO
AGU (1-30A)	BLN	GEBN	LET	MDA	326	T	TOO
AGW	AGW	GFA	251	MDL	313	TJN	JLLN
AJT	JTD_ID	GFN	FLA	MDQ	313	TJS	JLLS
AMG	MEG	GGC	312	MDV	315	TL	TLO
AMI	MID	GGM	235	MDX	313	TR	FLNR_ID †/§
ANL	CNL §	GLR	LGR	MEN	FLM	TRM	FLM
ANN	CNN_E	GMA	235	MEQ	FLQ	TRN-R	FLNR_ID †/§
ASO	SPF	GMD	239	MID	FLA	TRS	FLSR_ID §
ATC	ATO (287)	GMT	481	MOF	BLN	TRS-R	FLSR_ID §
AT-DE	FLNR_ID †	HCLR	KLKR	MOL	BLF	XL25X	L25S
ATDR	CCMR §	HCTR	KLDR	MTH	312	XL50F	L50S *
ATM (Mersen)	KLKD	HEB	LEB	NCLR	KLNR	XL70F	L70S *
ATMR	KLKR §	HET	LET	NON	NLN		
ATQ	FLQ	HLR	LHR				
ATOR	KLDR	HP10M	SPF				
AX	481	HP6J	SPFJ *				
BAF	BLF	JDL	JTD_ID				
BAN	BLN	JFL	JLS				
BBS	BLS	JHC	JTD_ID				
C519	229	JJN	JLLN				
C520	225	JJS	JLLS				

A fuse may be used in circuits where the fuse's voltage rating is equal to or greater than the circuit voltage, unless otherwise stated on the fuse. For example, the FLSR\_ID indicating fuse has a voltage rating of 75-600 volts. This fuse can be used on 600 volts, 480 volts, 250 volts, 125 volts, or 75 volts. Never use a fuse in a circuit having a higher rated voltage than the fuse.

\* Check specific mounting dimensions before substituting.

† Check characteristics and dimensions for application before substituting.

‡ For 1/10 - 30 amperes, order non-indicating FLNR series fuses.

§ Verify voltage for DC applications.

+ Littelfuse product is a non-renewable fuse.

# Additional Resources



## Littelfuse is in the App Store!

Our free Littelfuse Catalogs and Literature App keeps our products and resources at your finger tips, wherever you are. Find the information you need, quickly and easily!

## Experienced Technical Professionals

For additional questions, call or email the Littelfuse Technical Support and Engineering Service Group at **1-800-TEC-FUSE** or [techline@littelfuse.com](mailto:techline@littelfuse.com).



## White Papers and Additional Technical Information

Littelfuse is committed to developing technical resources that help improve electrical safety and product knowledge. Gain access to Technical Application Guides, White Papers, and a library of information at [littelfuse.com/technicalcenter](http://littelfuse.com/technicalcenter).



### Motor Protection

Effective motor protection is critical in today's highly automated industrial facilities. POWR-GARD® fuses and protection relays provide optimum protection for motors in main, feeder, and branch circuits.



### SCCR

The NEC® requires Industrial Control Panels be labeled with their Short-Circuit Current Rating so users and inspectors can compare their equipment to available fault currents to avoid potential hazards.



### Transformer Protection

POWR-GARD fuses provide optimal overcurrent protection for both the primary and secondary of control transformers and other regular transformers above and below 600 volts.



### Arc-Flash Protection

Arc-flash protection relays are intelligent controllers that safeguard equipment and personnel to prevent damage, downtime or injury due to arc flash.



### Medium Voltage Fuse Protection

POWR-GARD medium voltage fuses provide short-circuit protection for motors and transformers rated 2,400 to 38,000 Vac.



### Overvoltage Suppression Basics

Overvoltage conditions are an increasing concern in the electrical industry. Littelfuse has a diverse portfolio of circuit protection technologies to protect against voltage transients in multiple applications.

# Need **more information** about Littelfuse® POWR-GARD® products?

Littelfuse publishes technical resources to help enhance the productivity and safety of electrical systems. To learn more about a specific product or application, visit our extensive online library at [littelfuse.com](http://littelfuse.com)

- Extended Datasheets
- Time-Current Curves
- Peak Let-Thru Curves
- White Papers
- CAD Drawings
- 3D Models
- Certifications
- Cross References



[WWW.LITTELFUSE.COM](http://WWW.LITTELFUSE.COM)

## Littelfuse Electrical Product Portfolio Includes:

**POWR-GARD® FUSES**

**SE STARTCO®**  
ENGINEERING LTD.

**SELCO**

Industrial **SHOCK BLOCK™**  
LITTELFUSE® Products

**SymCom**

**Motors Saver**  
ELECTRONIC MOTOR  
CONTROL & PROTECTION

**Pumps Saver**  
ELECTRONIC PUMP  
CONTROL & PROTECTION

**SSAC®**

## A Full Line of Catalogs:

### Protection Relays & Controls Catalog (PF130N)

The comprehensive line of electronic and microprocessor-based protection relays safeguard equipment and personnel to prevent expensive damage, downtime or injury due to electrical faults.

### POWR-GARD® Solar Catalog (PF140N)

POWR-GARD Solar Products are designed specifically for photovoltaic applications where issues such as heat, efficiency, longevity and global standards impact the choices in selecting circuit protection.

### SymCom/SSAC Catalogs

SymCom and SSAC are leaders in electronic control and protection for all types and sizes of motors, pumps, timers and flashers used in many applications.

To view all Littelfuse product catalogs, visit our website at [littelfuse.com/Catalogs](http://littelfuse.com/Catalogs)



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Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to changes without notice. Visit [littelfuse.com](http://littelfuse.com) for the most up-to-date technical information.

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