

RLN/RLS SERIES RENEWABLE FUSES AND LKN/LKS SERIES LINKS

250/600 VAC • Renewable • 1-600 Amperes



Ordering Information

AMPERE RATINGS						
1	6	20	45	90	175	350†
2	8*	25	50	100	200	400†
3	10	30	60	110	225†	450†
4	12*	35	70	125	250†	500†
5	15	40	80	150	300†	600†

*RLS only.

†These ampere ratings require two links per fuse.

TYPE	VOLTAGE	CATALOG NUMBER	SYSTEM NUMBER
FUSE	600	RLS020	ORLS020.T
FUSE	250	RLN020	ORLN020.T
LINK	600	LKS025	OLKS025.S
LINK	250	LKN030	OLKN030.S

Web Resources

TC Curves, downloadable CAD drawings and other technical information: www.littelfuse.com/rln
www.littelfuse.com/rls

Recommended Fuseholders

LFH60 Series
LFH25 Series

Still using Class H fuses?

Littelfuse offers several fuse and fuseblock combinations that can greatly improve electrical safety.

LLNRK/LLSRK
FLNR/FLSR fuses
LFR fuseholders

Renewable Fuse Guide for Proper Usage

- Renewable fuses should only be used where short-circuit currents are known to be less than 10,000 amperes, and where correct replacement of open links is assured.
- Renewable fuses and links are not recommended for new applications.

Description

Littelfuse RLN and RLS series renewable fuses are a quality product that have traditionally been used to provide low cost protection of general purpose feeder and branch circuits where available short-circuit currents do not exceed 10,000 amperes. However, generally increased levels of available fault current and the distinct possibility that renewable fuses may be improperly renewed, have rendered them unsafe. The use of these fuses in new applications is prohibited by law.

Applications

- General purpose residential and commercial circuits with little or no motor load.
- Replacement only

Features/Benefits

- Replaceable fuse links
- 10 kA Interrupting Rating

Specifications

Voltage Ratings: AC: 250 V (RLN); 600 V (RLS)

Interrupting Ratings: AC: 10 kA rms symmetrical

Ampere Range: 1 – 600 A

Approvals: Standard 248-6, Class H
UL Listed (File No. E81895)
CSA Certified (File No. LR29862)

Fuse Links: To order, specify LKN (250V) or LKS (600V) plus ampere rating.

RLN/RLS SERIES RENEWABLE FUSES AND LKN/LKS SERIES LINKS

Dimensions in inches (mm)

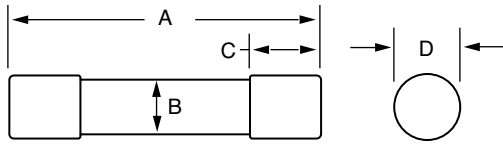


FIG. 1

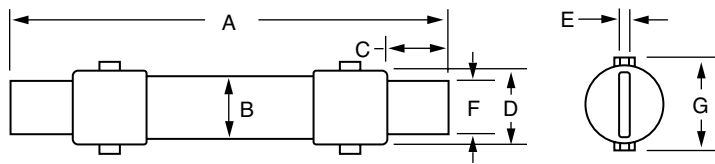


FIG. 2

AMPERES	REFER TO FIG. NO.	SERIES	DIMENSIONS IN INCHES (mm IN PARENTHESES)						
			A	B	C	D	E	F	G
1 – 30	1	RLN	2 (50.8)	½ (12.7)	½ (12.7)	9/16 (14.3)	—	—	—
		RLS	5 (127.0)	¾ (19.1)	5/8 (15.9)	13/16 (20.6)	—	—	—
35 – 60	1	RLN	3 (76.2)	¾ (19.1)	5/8 (15.9)	13/16 (20.6)	—	—	—
		RLS	5½ (139.7)	1 (25.4)	5/8 (15.9)	1¼ (27.0)	—	—	—
70 – 100	2	RLN	5¾ (149.2)	1 (25.4)	1 (25.4)	1¼ (27.0)	1/8 (3.2)	¾ (19.1)	15/16 (33.3)
		RLS	7¾ (200.0)	1¼ (31.8)	1 (25.4)	15/16 (33.3)	1/8 (3.2)	¾ (19.1)	19/16 (39.7)
110 – 200	2	RLN	7¾ (181.0)	1½ (38.1)	1¾ (34.9)	19/16 (39.7)	3/16 (4.8)	1½ (28.6)	17/8 (47.6)
		RLS	95/8 (244.5)	1¾ (44.5)	1¾ (34.9)	127/32 (46.8)	3/16 (4.8)	1½ (28.6)	23/32 (53.2)
225 – 400	2	RLN	85/8 (219.1)	2 (50.8)	17/8 (47.6)	23/32 (53.2)	¼ (6.4)	15/8 (41.3)	213/32 (61.1)
		RLS	115/8 (295.3)	2½ (63.5)	17/8 (47.6)	219/32 (65.9)	¼ (6.4)	15/8 (41.3)	27/8 (73.0)
450 – 600	2	RLN	103/8 (263.5)	2½ (63.5)	2¼ (57.2)	219/32 (65.9)	¼ (6.4)	2 (50.8)	27/8 (73.0)
		RLS	133/8 (339.7)	3 (76.2)	2¼ (57.2)	33/32 (78.6)	¼ (6.4)	2 (50.8)	37/16 (87.3)