CLASS H – RLN / RLS SERIES FUSES & LKN / LKS LINKS

250/600 VAC • Renewable • 1-600 A

Description

Littelfuse RLN and RLS series renewable fuses have traditionally been used to provide low cost protection. 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.

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: E81895)
CSA Certified (File: LR29862)
Fuse Links To order, specify LKN (250V) or LKS (600V) plus ampere rating.

Guide For Proper Renewable Fuse 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.

Still Using Class H Fuses?

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

LLNRK / LLSRK
FLNR / FLSR fuses
LFR fuse holders

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	ORDERING NUMBER
FUSE	600	RLS020	0RLS020.T
FUSE	250	RLN020	0RLN020.T
LINK	600	LKS025	0LKS025.S
LINK	250	LKN030	0LKN030.S

Dimensions

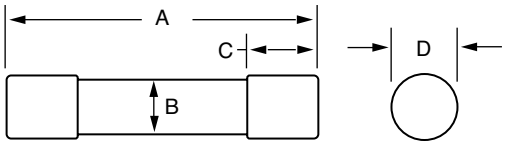

FIG. 1

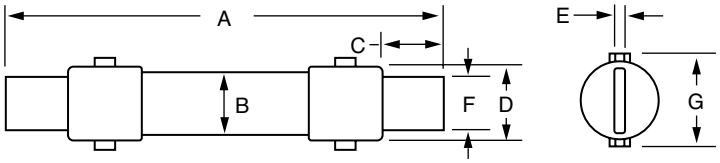

FIG. 2

AMPERES	REFER TO FIG. NO.	SERIES	DIMENSIONS INCHES (mm)						
			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)	1 1/16 (27.0)	—	—	—
70 – 100	2	RLN	5 7/8 (149.2)	1 (25.4)	1 (25.4)	1 1/16 (27.0)	1/8 (3.2)	¾ (19.1)	1 5/16 (33.3)
		RLS	7 1/8 (200.0)	1¼ (31.8)	1 (25.4)	1 5/16 (33.3)	1/8 (3.2)	¾ (19.1)	1 9/16 (39.7)
110 – 200	2	RLN	7 1/8 (181.0)	1½ (38.1)	1 3/8 (34.9)	1 9/16 (39.7)	3/16 (4.8)	1 1/8 (28.6)	1 7/8 (47.6)
		RLS	9 5/8 (244.5)	1¾ (44.5)	1 3/8 (34.9)	1 27/32 (46.8)	3/16 (4.8)	1 1/8 (28.6)	2 3/32 (53.2)
225 – 400	2	RLN	8 5/8 (219.1)	2 (50.8)	1 7/8 (47.6)	2 3/32 (53.2)	¼ (6.4)	1 5/8 (41.3)	2 13/32 (61.1)
		RLS	11 5/8 (295.3)	2½ (63.5)	1 7/8 (47.6)	2 19/32 (65.9)	¼ (6.4)	1 5/8 (41.3)	2 7/8 (73.0)
450 – 600	2	RLN	10 3/8 (263.5)	2½ (63.5)	2¼ (57.2)	2 19/32 (65.9)	¼ (6.4)	2 (50.8)	2 7/8 (73.0)
		RLS	13 3/8 (339.7)	3 (76.2)	2¼ (57.2)	3 3/32 (78.6)	¼ (6.4)	2 (50.8)	3 7/16 (87.3)