CLASS RK1 – KLNR • KLSR SERIES FUSES

250/600 Vac • Fast-Acting • 1-600 A



Description

KLSR/KLNR fuses are an economical single element design providing the safety of an RK1 fuse.

Applications

- Resistance heaters
- Lighting circuits
- Non-inductive loads

Features/Benefits

- Extremely Current-Limiting
- Indicating and DIN mount fuse holders available

Specifications

Voltage Ratings	AC: 250 V (KLNR); 600 V (KLSR) DC: 125 V (1 – 600 A KLNR); 250 V (1 – 30 A KLSR); 300 V (35 – 600 A KLSR).
Interrupting Ratings	AC: 200 kA rms symmetrical DC: 20 kA
Ampere Range	1 – 600 A
Approvals	AC: Standard 248-12, Class RK1 UL Listed (File: E81895) CSA Certified (File: LR29862) DC: Littelfuse self-certified

Recommended Fuse Holders

LFR60 Series - LFR25 Series

Ordering Information

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

600 V

SERIES	AMPERAGE	CATALOG NUMBER	ORDERING NUMBER
KLSR	90	KLSR090	KLSR090.V

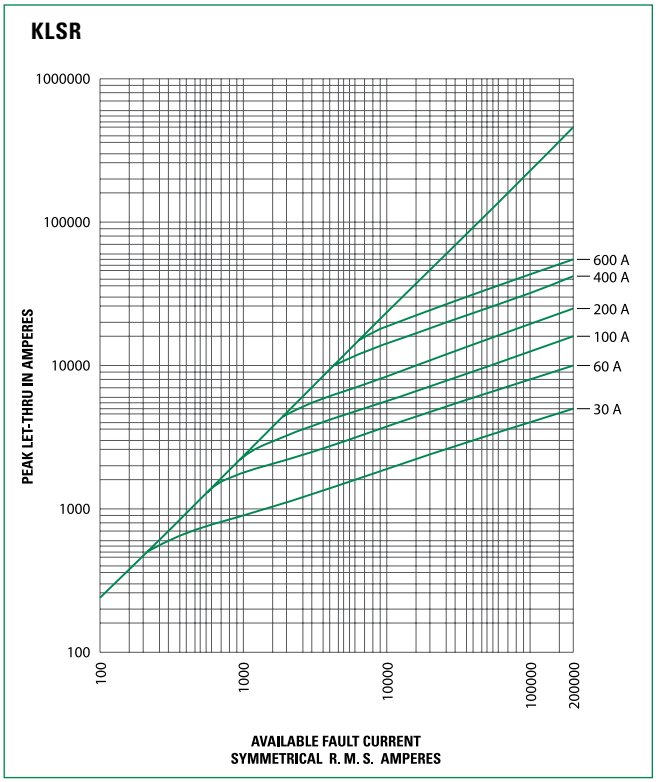
250 V

SERIES	AMPERAGE	CATALOG NUMBER	ORDERING NUMBER
KLNR	90	KLNR090	KLNR090.V

Web Resources

Download TC Curves, CAD drawings and other technical information: **littelfuse.com/klsr**
littelfuse.com/klnr

Peak Let-Thru Curve (600 V)



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Dimensions

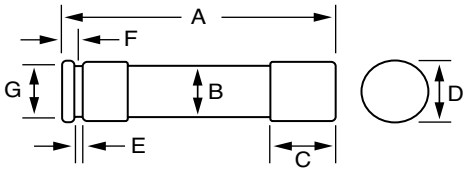


FIG. 1

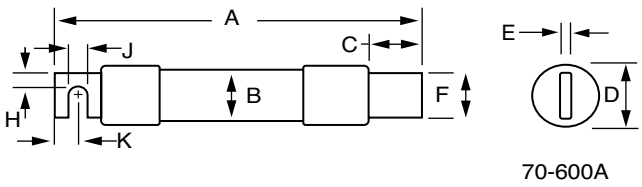


FIG. 2

AMPS	FIGURE NUMBER	SERIES	DIMENSIONS INCHES (mm)									
			A	B	C	D	E	F	G	H	J	K
1/10–30	1	KLNR	2 (50.8)	½ (12.7)	½ (12.7)	9/16 (14.3)	5/64 (2.0)	5/32 (4.0)	3/8 (9.5)	—	—	—
		KLSR	5 (127.0)	¾ (19.1)	5/8 (15.9)	13/16 (20.6)	3/32 (2.4)	3/16 (4.8)	5/8 (15.9)	—	—	—
35–60	1	KLNR	3 (76.2)	¾ (19.1)	5/8 (15.9)	13/16 (20.6)	3/32 (2.4)	3/16 (4.8)	5/8 (15.9)	—	—	—
		KLSR	5½ (139.7)	1 (25.4)	5/8 (15.9)	1 1/16 (27.0)	3/32 (2.4)	¼ (6.4)	7/8 (22.2)	—	—	—
70–100	2	KLNR	5 7/8 (149.2)	1 (25.4)	1 1/16 (27.0)	1 1/16 (27.0)	⅛ (3.2)	¾ (19.1)	—	¼ (6.4)	9/32 (7.1)	½ (12.7)
		KLSR	7 7/8 (200.0)	1¼ (31.8)	1 1/16 (27.0)	1 5/16 (33.3)	⅛ (3.2)	¾ (19.1)	—	¼ (6.4)	9/32 (7.1)	½ (12.7)
110–200	2	KLNR	7⅛ (181.0)	1½ (38.1)	1 15/32 (37.3)	1 19/32 (40.5)	3/16 (4.8)	1⅛ (28.6)	—	7/16 (11.1)	9/32 (7.1)	11/16 (17.5)
		KLSR	9 5/8 (244.5)	1¾ (44.5)	1 15/32 (37.3)	1 27/32 (46.8)	3/16 (4.8)	1⅛ (28.6)	—	7/16 (11.1)	9/32 (7.1)	11/16 (17.5)
225–400	2	KLNR	8 5/8 (219.1)	2 (50.8)	1 15/16 (49.2)	2 3/32 (53.2)	¼ (6.4)	1 5/8 (41.3)	—	5/8 (15.9)	13/32 (10.3)	15/16 (23.8)
		KLSR	11 5/8 (295.3)	2½ (63.5)	2 (50.8)	2 19/32 (65.9)	¼ (6.4)	1 5/8 (41.3)	—	5/8 (15.9)	13/32 (10.3)	15/16 (23.8)
450–600	2	KLNR	10 3/8 (263.5)	2½ (63.5)	2 3/8 (60.3)	2 19/32 (65.9)	¼ (6.4)	2 (50.8)	—	¾ (19.1)	17/32 (13.5)	1⅛ (28.6)
		KLSR	13 3/8 (339.7)	3 (76.2)	2 13/32 (61.1)	3 3/32 (78.6)	¼ (6.4)	2 (50.8)	—	¾ (19.1)	17/32 (13.5)	1⅛ (28.6)

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