

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

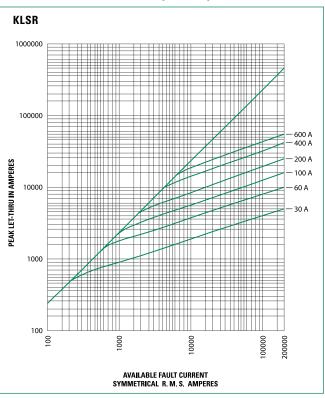
250 V

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

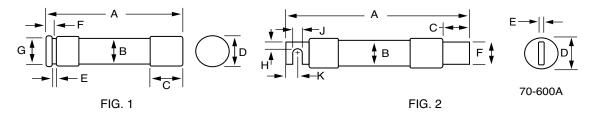


	FIGURE NUMBER	SERIES	DIMENSIONS INCHES (mm)									
AMPS			А	В	С	D	E	F	G	Н	J	K
1/ 20	1	KLNR	2 (50.8)	½ (12.7)	½ (12.7)	9/16 (14.3)	5/64 (2.0)	5/32 (4.0)	³ / ₈ (9.5)	_	_	_
1/10-30	I	KLSR	5 (127.0)	3/4 (19.1)	5/8 (15.9)	13/16 (20.6)	3/32 (2.4)	3/16 (4.8)	s) ⁵ / ₈ (15.9) —	_	_	_
2E 60	00 4	KLNR	3 (76.2)	³ / ₄ (19.1)	5/8 (15.9)	¹³ / ₁₆ (20.6)	³ / ₃₂ (2.4)	³ / ₁₆ (4.8)	⁵ / ₈ (15.9)	_	_	_
35-60		KLSR	5½ (139.7)	1 (25.4)	5⁄8 (15.9)	11/16 (27.0)	3/32 (2.4)	1/4 (6.4)	⁷ /8 (22.2)	_	_	_
70 – 100	100	KLNR	57/8 (149.2)	1 (25.4)	11/16 (27.0)	11/16 (27.0)	1/8 (3.2)	3/4 (19.1)	_	1/4 (6.4)	9/32 (7.1)	1/2 (12.7)
70 – 100	2	KLSR	71/8 (200.0)	11/4 (31.8)	11/16 (27.0)	15/16 (33.3)	1/8 (3.2)	3/4 (19.1)	_	1/4 (6.4)	9/32 (7.1)	1/2 (12.7)
110 200	2	KLNR	7½ (181.0)	1½ (38.1)	115/32 (37.3)	119/32 (40.5)	3/16 (4.8)	11/8 (28.6)	_	7/16 (11.1)	9/32 (7.1)	¹¹ / ₁₆ (17.5)
110 – 200	2	KLSR	95/8 (244.5)	13/4 (44.5)	115/32 (37.3)	127/32 (46.8)	³ / ₁₆ (4.8)	11/8 (28.6)	_	⁷ ⁄16 (11.1)	⁹ / ₃₂ (7.1)	¹¹ / ₁₆ (17.5)
225-400	-400 2	KLNR	85/8 (219.1)	2 (50.8)	115/16 (49.2)	23/32 (53.2)	1/4 (6.4)	15/8 (41.3)	_	5/8 (15.9)	¹³ / ₃₂ (10.3)	15/16 (23.8)
225-400		KLSR	115/8 (295.3)	2½ (63.5)	2 (50.8)	219/32 (65.9)	1/4 (6.4)	15/8 (41.3)	_	5/8 (15.9)	13/32 (10.3)	15/16 (23.8)
4EO 600	2	KLNR	103/8 (263.5)	2½ (63.5)	23/8 (60.3)	219/32 (65.9)	1/4 (6.4)	2 (50.8)	_	3/4 (19.1)	¹⁷ / ₃₂ (13.5)	11/8 (28.6)
450 – 600		KLSR	133/8 (339.7)	3 (76.2)	213/32 (61.1)	3 ³ / ₃₂ (78.6)	1/4 (6.4)	2 (50.8)	_	³ / ₄ (19.1)	¹⁷ / ₃₂ (13.5)	1½ (28.6)