

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

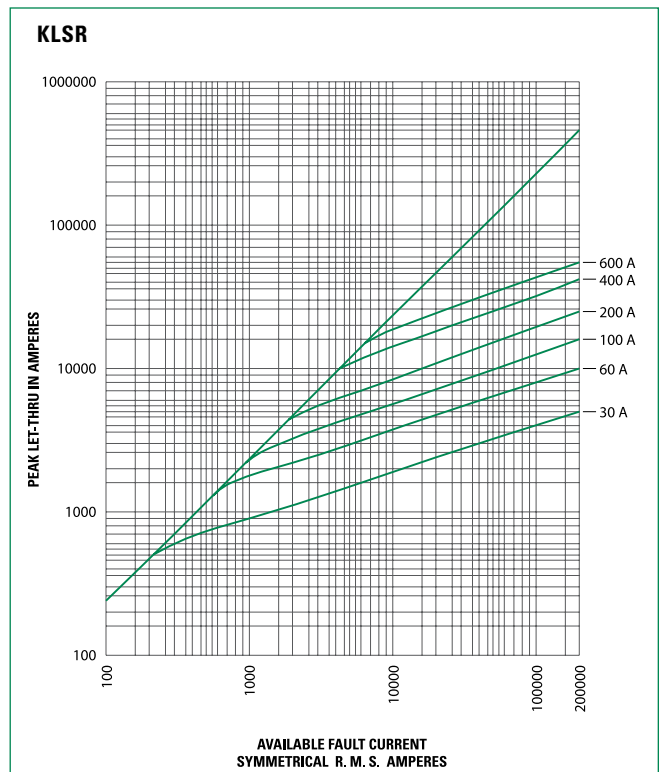
250 V

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)



CLASS RK1 – KLNR • KLSR SERIES FUSES

Dimensions

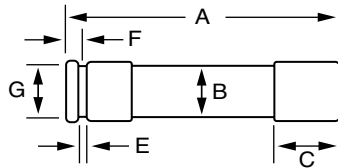


FIG. 1

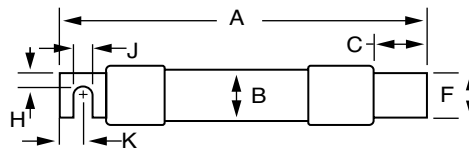
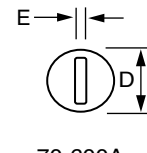


FIG. 2



70-600A

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)	1/2 (12.7)	1/2 (12.7)	9/16 (14.3)	5/64 (2.0)	5/32 (4.0)	3/8 (9.5)	—	—	—
		KLSR	5 (127.0)	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	1	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)	—	—	—
		KLSR	5 1/2 (139.7)	1 (25.4)	5/8 (15.9)	1 1/16 (27.0)	3/32 (2.4)	1/4 (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)	1/8 (3.2)	3/4 (19.1)	—	1/4 (6.4)	9/32 (7.1)	1/2 (12.7)
		KLSR	7 7/8 (200.0)	1 1/4 (31.8)	1 1/16 (27.0)	1 5/16 (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	7 1/8 (181.0)	1 1/2 (38.1)	1 15/32 (37.3)	1 19/32 (40.5)	3/16 (4.8)	1 1/8 (28.6)	—	7/16 (11.1)	9/32 (7.1)	1 1/16 (17.5)
		KLSR	9 5/8 (244.5)	1 3/4 (44.5)	1 15/32 (37.3)	1 27/32 (46.8)	3/16 (4.8)	1 1/8 (28.6)	—	7/16 (11.1)	9/32 (7.1)	1 1/16 (17.5)
225–400	2	KLNR	8 5/8 (219.1)	2 (50.8)	1 15/16 (49.2)	2 3/32 (53.2)	1/4 (6.4)	1 5/8 (41.3)	—	5/8 (15.9)	13/32 (10.3)	1 5/16 (23.8)
		KLSR	11 5/8 (295.3)	2 1/2 (63.5)	2 (50.8)	2 19/32 (65.9)	1/4 (6.4)	1 5/8 (41.3)	—	5/8 (15.9)	13/32 (10.3)	1 5/16 (23.8)
450–600	2	KLNR	10 3/8 (263.5)	2 1/2 (63.5)	2 3/8 (60.3)	2 19/32 (65.9)	1/4 (6.4)	2 (50.8)	—	3/4 (19.1)	1 7/32 (13.5)	1 1/8 (28.6)
		KLSR	13 3/8 (339.7)	3 (76.2)	2 13/32 (61.1)	3 3/32 (78.6)	1/4 (6.4)	2 (50.8)	—	3/4 (19.1)	1 7/32 (13.5)	1 1/8 (28.6)

Disclaimer Notice – Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at www.littelfuse.com/product-disclaimer.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Littelfuse:](#)

KLSR400.X	KLSR060.T	KLN080.V	KLN003.T	KLN150.X	KLN015.T	KLN010.T	KLSR008.T	KLN070.V
KLSR100.V	KLN200.X	KLSR004.T	KLN045.T	KLSR500.X	KLSR035.T	KLSR125.X	KLSR225.X	KLSR025.T
KLSR200.X	KLSR600.X	KLN004.T	KLSR015.T	KLN600.X	KLN175.X	KLN060.T	KLSR045.T	KLSR350.X
KLSR080.V	KLN002.T	KLN350.X	KLSR450.X	KLSR010.T	KLSR070.V	KLN040.T	KLN005.T	KLN030.T
KLN025.T	KLSR150.X	KLSR300.X	KLSR020.T	KLSR005.T	KLSR003.T	KLN090.V	KLSR250.X	KLN450.X
KLSR090.V	KLN020.T	KLN300.X	KLSR006.T	KLN400.X	KLSR040.T	KLSR110.X	KLN001.T	KLN006.T
KLN100.V	KLSR002.T	KLSR050.T	KLSR001.T	KLN250.X	KLSR030.T	KLN500.X	KLN225.X	KLN125.X
KLN035.T	KLN012.T	KLN050.T	KLSR175.X	KLN008.T	KLN110.X	KLSR012.T		