CLASS K5 – NLN/NLS SERIES (ONE-TIME) FUSES

250/600 VAC • "One-Time" • 1-600 A



Description

NLN/NLS fuses provide low cost protection for general purpose feeder and branch circuits when available short circuit currents are less than 50 kA.

Canadian Electrical Code NLKP Type P fuse available. See Web Resources links for more information.

Applications

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

Features/Benefits

- Economical
- 50 kA interrupting rating
- Indicating and DIN mount holders available

Specifications

Voltage Ratings
AC: 250 V (NLN)
600 V (NLS)
DC: 250 V (NLN)
400 V (NLS 35 – 60 A)
500 V (NLS 8 – 30 A) (NLS 225 – 600 A)
600 V (NLS 1 – 7 A) (NLS 70 – 200 A)

Interrupting Ratings
AC: 50 kA rms symmetrical (NLN/NLS)
DC: 20 kA (NLN/NLS 1 – 60 A)
50 kA (NLN/NLS 70 – 600 A)

Ampere Range
1 – 600 A (NLN/NLS)

Approvals
NLN/NLS: Standard 248-9, Class K5
UL Listed (File: E81895)
CSA Certified (File: LR29862)

Ordering Information

AMPERE RATINGS					
1	7	*25	*60	125	300
2	8	*30	70	150	350
3	10	*35	80	175	400
4	12	*40	90	200	450
5	*15	*45	100	225	500
6	*20	*50	110	250	600

*NLKP series available only in those amperages preceded by an asterisk.

SERIES	AMPERAGE	CATALOG NUMBER	ORDERING NUMBER
NLS	20	NLS020	0NLS020.T
NLN	15	NLN015	0NLN015.T

Web Resources

TC Curves, downloadable CAD drawings and other technical information: **www.littelfuse.com/nln**
www.littelfuse.com/nls
www.littelfuse.com/nlkp

Recommended Fuse Holders

LFH60 Series • LFH25 Series

Dimensions

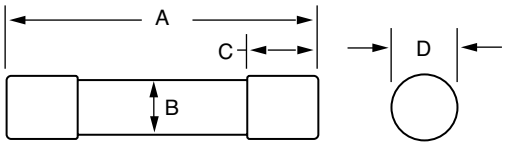


FIG. 1

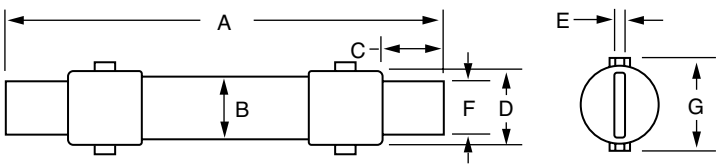


FIG. 2

AMPERES	REFER TO FIG. NO.	SERIES	DIMENSIONS INCHES (mm)						
			A	B	C	D	E	F	G
1 – 30	1	NLN	2 (50.8)	½ (12.7)	½ (12.7)	9/16 (14.3)	—	—	—
		NLS	5 (127.0)	¾ (19.1)	5/8 (15.9)	13/16 (20.6)	—	—	—
35 – 60	1	NLN	3 (76.2)	¾ (19.1)	5/8 (15.9)	13/16 (20.6)	—	—	—
		NLS	5½ (139.7)	1 (25.4)	5/8 (15.9)	1 1/16 (27.0)	—	—	—
70 – 100	2	NLN	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)
		NLS	7 7/8 (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	NLN	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)
		NLS	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	NLN	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)
		NLS	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	NLN	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)
		NLS	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)

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