

NLN/NLS SERIES (ONE-TIME) FUSES

250/600 VAC • “One-Time” • 1-600 Amperes



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)
		600 V	(NLS 225 – 600 A)
Interrupting Ratings:	AC:	50 kA rms symmetrical (NLN/NLS)	
		20 kA (NLN/NLS 1 – 60 A)	
	DC:	50 kA (NLN/NLS 70 – 600 A)	
Ampere Range:		1 – 600 amperes (NLN/NLS)	
Approvals:		NLN/NLS: Standard 248-9, Class K5 UL Listed (File No. E81895) CSA Certified (File No. 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	SYSTEM 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 Fuseholders

LFH60 Series
LFH25 Series

NLN/NLS SERIES (ONE-TIME) FUSES

Dimensions in inches (mm)

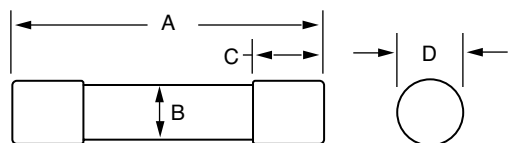


FIG. 1

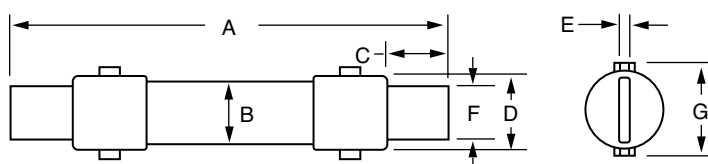


FIG. 2

AMPERES	REFER TO FIG. NO.	SERIES	DIMENSIONS IN INCHES (mm IN PARENTHESES)						
			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)	1½ (27.0)	—	—	—
70 – 100	2	NLN	5½ (149.2)	1 (25.4)	1 (25.4)	1½ (27.0)	⅛ (3.2)	¾ (19.1)	1½ (33.3)
		NLS	7½ (200.0)	1¼ (31.8)	1 (25.4)	1½ (33.3)	⅛ (3.2)	¾ (19.1)	1½ (39.7)
110 – 200	2	NLN	7½ (181.0)	1½ (38.1)	1¾ (34.9)	1¾ (39.7)	3/16 (4.8)	1½ (28.6)	1¾ (47.6)
		NLS	9½ (244.5)	1¾ (44.5)	1¾ (34.9)	1¾ (46.8)	3/16 (4.8)	1½ (28.6)	2¾ (53.2)
225 – 400	2	NLN	8½ (219.1)	2 (50.8)	1¾ (47.6)	2¾ (53.2)	¼ (6.4)	1½ (41.3)	2¾ (61.1)
		NLS	11½ (295.3)	2½ (63.5)	1¾ (47.6)	2¾ (65.9)	¼ (6.4)	1½ (41.3)	2¾ (73.0)
450 – 600	2	NLN	10¾ (263.5)	2½ (63.5)	2¼ (57.2)	2¾ (65.9)	¼ (6.4)	2 (50.8)	2¾ (73.0)
		NLS	13¾ (339.7)	3 (76.2)	2¼ (57.2)	3¾ (78.6)	¼ (6.4)	2 (50.8)	3¾ (87.3)