

# Telecommunications Fuses

## TLN Series

170 V dc • Current-Limiting • 1–600 A



### Description

The fast-acting, current-limiting TLN series fuses are specifically designed for the protection of telecommunications DC power distribution circuits. These telecom fuses are available from 1 to 600 A rated at 170 V dc with an interrupting rating of 100 kA to fulfill your circuit protection needs. The TLN fuses are available in cartridge and round body blade styles, and their dimensions are similar to the 250 V Class R fuses.

### Features & Benefits

FEATURES	BENEFITS
<b>Current-limiting</b>	Reduces damage caused by heating and magnetic effects of short-circuit currents
<b>Fast-acting</b>	Provides protection for equipment requiring fast overload protection
<b>POWR-GARD® technology</b>	Ensures quality overcurrent protection

### Applications

- Telecommunications DC power distribution systems

### Specifications

<b>Voltage Rating</b>	170 V dc
<b>Interrupting Rating</b>	100 kA
<b>Ampere Range</b>	1–600 A

### Certification & Compliance

<b>UL</b>	UL Recognized (File: E71611)
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### Accessories

LFR25 series fuse holders

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### Ordering Information

AMPERE	CATALOG NUMBER	PRODUCT MARKING	PACK QUANTITY	ORDERING NUMBER	UPC
1	TLN001	TLN 1	10	OTLN001.T	07945806092
3	TLN003	TLN 3	10	OTLN003.T	07945806093
5	TLN005	TLN 5	10	OTLN005.T	07945806094
6	TLN006	TLN 6	10	OTLN006.T	07945806095
10	TLN010	TLN 10	10	OTLN010.T	07945806096
15	TLN015	TLN 15	10	OTLN015.T	07945806097
20	TLN020	TLN 20	10	OTLN020.T	07945806098
25	TLN025	TLN 25	10	OTLN025.T	07945806099
30	TLN030	TLN 30	10	OTLN030.T	07945806100
35	TLN035	TLN 35	10	OTLN035.T	07945806101
40	TLN040	TLN 40	10	OTLN040.T	07945806102
45	TLN045	TLN 45	10	OTLN045.T	07945806103
50	TLN050	TLN 50	10	OTLN050.T	07945806104
60	TLN060	TLN 60	10	OTLN060.T	07945806105
70	TLN070	TLN 70	5	OTLN070.V	07945806106
80	TLN080	TLN 80	5	OTLN080.V	07945806107
90	TLN090	TLN 90	5	OTLN090.V	07945806108
100	TLN100	TLN 100	5	OTLN100.V	07945806109
110	TLN110	TLN 110	1	OTLN110.X	07945806110
125	TLN125	TLN 125	1	OTLN125.X	07945806111
150	TLN150	TLN 150	1	OTLN150.X	07945806112
175	TLN175	TLN 175	1	OTLN175.X	07945806113
200	TLN200	TLN 200	1	OTLN200.X	07945806114
225	TLN225	TLN 225	1	OTLN225.X	07945806115
250	TLN250	TLN 250	1	OTLN250.X	07945806116
300	TLN300	TLN 300	1	OTLN300.X	07945806117
350	TLN350	TLN 350	1	OTLN350.X	07945806118
400	TLN400	TLN 400	1	OTLN400.X	07945806119
450	TLN450	TLN 450	1	OTLN450.X	07945806120
500	TLN500	TLN 500	1	OTLN500.X	07945806121
600	TLN600	TLN 600	1	OTLN600.X	07945806122

Replaces competitors' TPN and TGN Series.

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### Dimensions Inches (mm)

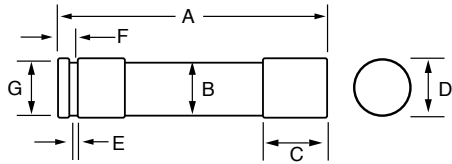


FIG. 1

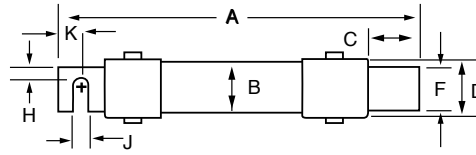


FIG. 2

Figure 1

AMPS	DIMENSIONS INCHES (MM)									
	A	B	C	D	E	F	G	H	J	K
1-30	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)	—	—	—
35-60	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)	—	—	—

Figure 2

AMPS	DIMENSIONS INCHES (MM)									
	A	B	C	D	E	F	G	H	J	K
70-100	5/8 (149.2)	1 (25.4)	1 1/16 (27.0)	1 1/16 (27.0)	1/8 (3.2)	3/4 (19.1)	1 1/4 (31.6)	1/4 (6.4)	3/32 (7.1)	1/2 (12.7)
110-200	7/8 (181.0)	1 1/2 (38.1)	1 19/32 (37.3)	1 19/32 (40.5)	3/16 (4.8)	1 1/8 (28.6)	1 27/32 (46.8)	7/16 (11.1)	9/32 (7.1)	1 1/16 (17.5)
225-400	8 7/8 (219.1)	2 (50.8)	1 15/16 (49.2)	2 3/32 (53.2)	1/4 (6.4)	1 5/8 (41.3)	2 11/32 (59.5)	5/8 (15.9)	13/32 (10.3)	15/16 (23.8)
450-600	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)	2 27/32 (72.2)	3/4 (19.1)	17/32 (13.5)	1 1/8 (28.6)

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