250 V ac • Dual Element • Time Delay • 35-600 A • Indicating







Description

The FLNR_ID Indicator™ series sets the standard for general purpose indicating fuses. The patented state-of-the-art, solid-state design provides maximum reliability and superior performance characteristics. The dual-element design ensures advanced short-circuit and overload protection. This series offers visual blown fuse indication at a glance. The use of indicator fuses reduces downtime and nuisance opening, increases safety, and saves money by cutting down on lost production time. These fuses are also available in a non-indicating version, see FLNR series.

Features & Benefits

FEATURES	BENEFITS
Dual-element design	Provides advanced short-circuit and overload protection
Current limiting	Restricts fault current to provide a high degree of circuit protection
Visual Blown Fuse Indication	Indication window turns black allowing fast and easy identification of blown fuse

Applications

- Service entrance switches
- Transformers
- Switchboard mains and feeders
- Motor control central mains and motor branch circuits
- All general purpose circuits

Specifications

 Voltage Rating
 Ac: 250 V

 Dc: 125 V

 Ampere Range
 35–600 A

Interrupting Ratings Ac: 200 kA rms symmetrical; 300 kA rms symmetrical (Littelfuse self-certified)

Dc: 20 kA

Applicable Standards UL 248-12, Class RK5

Country of Origin Mexico



Class RK5 Fuses FLNR_ID Series

Certification & Compliance

UL	UL Listed (File: E81895)
CSA	CSA Certified (File: LR29862)

Accessories

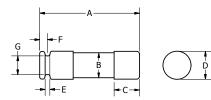
LFR25 series fuse holder

Ordering Information

AMPERE	CATALOG	PRODUCT	PACK	ORDERING	UPC	AGENCY APPROVALS	
7 22	NUMBER	MARKING	QUANTITY	NUMBER	G. C	UL	CSA
35	FLNR035ID	FLNR 35ID	10	FLNR035.TXID	07945802380	•	•
40	FLNR040ID	FLNR 40ID	10	FLNR040.TXID	07945802381	•	•
45	FLNR045ID	FLNR 45ID	10	FLNR045.TXID	07945802382	•	•
50	FLNR050ID	FLNR 50ID	10	FLNR050.TXID	07945802383	•	•
60	FLNR060ID	FLNR 60ID	10	FLNR060.TXID	07945802384	•	•
70	FLNR070ID	FLNR 70ID	5	FLNR070.VXID	07945802385	•	•
80	FLNR080ID	FLNR 80ID	5	FLNR080.VXID	07945802386	•	•
90	FLNR090ID	FLNR 90ID	5	FLNR090.VXID	07945802387	•	•
100	FLNR100ID	FLNR 100ID	5	FLNR100.VXID	07945802388	•	•
110	FLNR110ID	FLNR 110ID	1	FLNR110.XXID	07945802389	•	•
125	FLNR125ID	FLNR 125ID	1	FLNR125.XXID	07945802390	•	•
150	FLNR150ID	FLNR 150ID	1	FLNR150.XXID	07945802391	•	•
175	FLNR175ID	FLNR 175ID	1	FLNR175.XXID	07945802392	•	•
200	FLNR200ID	FLNR 200ID	1	FLNR200.XXID	07945802393	•	•
225	FLNR225ID	FLNR 225ID	1	FLNR225.XXID	07945802394	•	•
250	FLNR250ID	FLNR 250ID	1	FLNR250.XXID	07945802395	•	•
300	FLNR300ID	FLNR 300ID	1	FLNR300.XXID	07945802396	•	•
350	FLNR350ID	FLNR 350ID	1	FLNR350.XXID	07945802397	•	•
400	FLNR400ID	FLNR 400ID	1	FLNR400.XXID	07945802398	•	•
450	FLNR450ID	FLNR 450ID	1	FLNR450.XXID	07945802399	•	•
500	FLNR500ID	FLNR 500ID	1	FLNR500.XXID	07945802400	•	•
600	FLNR600ID	FLNR 600ID	1	FLNR600.XXID	07945802401	•	•

Class RK5 Fuses FLNR_ID Series

Dimensions



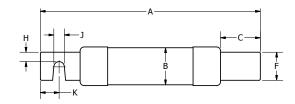




FIG. 1

FIG. 2

AMPS	FIGURE	DIMENSIONS INCHES (MM)									
AIVIFS	NUMBER	А	В	С	D	Е	F	G	Н	J	K
35–60	1	3.00 (76.2)	0.76 (19.2)	0.63 (15.9)	0.81 (20.7)	0.09 (2.4)	0.19 (4.7)	0.63 (15.9)	-	-	-
70–100	2	5.88 (149.2)	1 (25.1)	1.06 (27.0)	1.03 (26.2)	0.13 (3.2)	0.75 (19.1)	-	0.25 (6.4)	0.28 (7.1)	0.50 (12.7)
110–200	2	7.13 (181)	1.50 (37.9)	1.47 (37.3)	1.54 (39.0)	0.19 (4.8)	1.13 (28.6)	-	0.44 (11.1)	0.28 (7.1)	0.69 (17.5)
225–400	2	8.63 (219.1)	2 (50.4)	1.94 (49.2)	2.00 (50.8)	0.25 (6.4)	1.63 (41.3)	-	0.63 (15.9)	0.41 (10.3)	0.94 (23.8)
450-600	2	10.38 (263.5)	2.50 (63.1)	2.38 (60.3)	2.54 (64.6)	0.25 (6.4)	2 (50.8)	-	0.75 (19.1)	0.53 (13.5)	1.13 (28.6)

Current-Limiting Effects of FLNR_ID Fuses

SHORT CIRCUIT	APPARENT RMS SYMMETRICAL CURRENT FOR VARIOUS FUSE RATINGS									
CURRENT*	30 A	60 A	100 A	200 A	400 A	600 A				
5,000	1,400	2,100	3,100	5,000	5,000	5,000				
10,000	1,550	2,500	3,900	6,500	9,500	10,000				
15,000	2,000	3,150	4,400	7,250	10,500	14,000				
20,000	2,250	3,400	5,000	8,250	12,000	16,000				
25,000	2,400	3,750	5,250	9,000	12,500	16,500				
30,000	2,550	4,100	5,600	9,500	13,500	18,000				
35,000	2,650	4,300	5,800	9,750	14,000	19,000				
40,000	2,800	4,400	6,250	10,250	15,000	20,000				
50,000	3,000	5,000	6,500	10,500	16,000	21,000				
60,000	3,200	5,250	7,000	11,500	17,000	23,000				
80,000	3,400	5,750	7,500	12,500	19,000	25,500				
100,000	3,850	6,000	8,000	13,500	21,000	27,500				
150,000	4,100	7,000	9,000	15,200	24,000	31,500				
200,000	4,300	7,500	9,750	16,500	26,000	34,000				

^{*}Prospective RMS Symmetrical Amperes Short-Circuit Current

Note: Data Derived from Peak Let-Thru Curves

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