

INDUSTRIAL POWER FUSES

Cefcon® Dual Element Fuses

- **UL Class RK-5**
- **250 and 600 Volts AC**
- **1/10-600 Amperes**
- **Interrupting Rating — 200,000 amps. rms. AC**
- **Catalog Numbers: CRN-R, CRS-R**
- **Current Limiting**
- **Meets all requirements of CSA**
- **Listed Under Mil-Spec WF1814**



General Features

Dual Element • Controlled Time Delay • Current Limiting • High interrupting rating • Extremely low operating temperature • Class R Rejection feature • Designed for easy insertion into fuse clips • Easy to coordinate with other current limiting fuses • Underwriters Laboratories listed in accordance with Standard 198E • Listed by Canadian Standards Association (CSA) • Meets all NEC, N.E.M.A., and A.N.S.I. standards for current limiting fuses • Tested by independent, highly qualified laboratory.

Benefits

- Provides maximum overload protection of circuits with high inrush currents.
- Gives high degree of current limiting short circuit protection.
- Provides back up motor running protection.
- Allows use of smaller disconnect switches.
- Provides maximum protection of motor feeder circuits.
- Provides thermal protection.
- Protects against single phasing.
- Allows for a more economical installation.
- Provides maximum protection of personnel and equipment.

- Provides additional space due to use of smaller equipment.
- Provides protection against needless opening from temporary overloads.
- Ability to selectively coordinate with other protective devices.

Applications

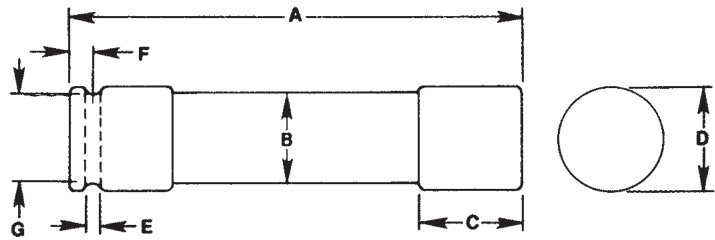
General protection of Heating and Air Conditioning Loads, Mains, Feeders, Branch Circuits, Motor Circuits, Starters, Transformers, or other equipment with high starting currents.

Catalog Numbers	Ampere Ratings
CRN-R (250V)	1/10, 1/8, 15/100, 2/10, 1/4, 3/10, 4/10, 1/2, 6/10, 8/10, 1, 1-1/8, 1-1/4, 1-4/10, 1-1/2, 1-6/10, 1-8/10, 2, 2-1/4, 2-1/2, 2-8/10, 3, 3-2/10, 3-1/2, 4, 4-1/2, 5, 5-6/10, 6, 6-1/4, 7, 7-1/2, 8, 9, 10, 12
CRS-R (600V)	15, 17-1/2, 20, 25, 30 35, 40, 45, 50, 60 70, 80, 90, 100 110, 125, 150, 175, 200 225, 250, 300, 350, 400 450, 500, 600

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Dimensional Data for UL Class H, K & R Fuses

Ferrule Type Fuses 0-60 Amps



The dimensions on this page apply to:

- CRN-R CRS-R
- LON-R LOS-R
- LON-RK LOS-RK
- CSN-R CSS-R
- CTN-R CTS-R
- 50K OTN 50K OTS
- 10K OTN 10K OTS
- REN RES

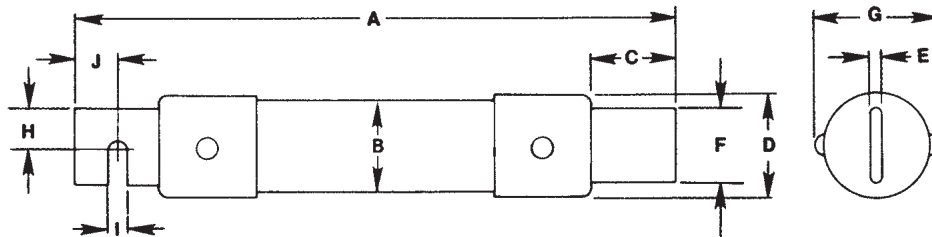
1/10-60 AMPS — 250 VOLTS

AMPERES	DIMENSIONS IN INCHES (mm in parentheses)						
	A	B	C	D	E *	F *	G *
1/10-30	2 (50.8)	1/2 (12.7)	1/2 (12.7)	9/16 (14.3)	1/8 (3.2)	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)	1/8 (3.2)	3/16 (4.8)	21/32 (16.7)

1/10-60 AMPS — 600 VOLTS

1/10-30	5 (12.7)	3/4 (19.1)	5/8 (15.9)	13/16 (20.6)	1/8 (3.2)	3/16 (4.8)	21/32 (16.7)
35-60	5-1/2 (139.7)	1 (25.4)	5/8 (15.9)	1-1/16 (27)	1/8 (3.2)	1/4 (6.4)	7/8 (22.2)

Knife Blade Type Fuses 70-600 Amps



70-600 AMPS — 250 VOLTS

AMPERES	DIMENSION IN INCHES (mm in parentheses)									
	A	B	C	D *	E	F	G *†	H *	I *	J *
70-100	5-7/8 (149.2)	1 (25.4)	1 (25.4)	1-1/16 (27)	1/8 (3.2)	3/4 (19.1)	1-1/8 (28.6)	1/4 (6.4)	1/4 (6.4)	1/2 (12.7)
110-200	7-1/8 (181)	1-1/2 (38.1)	1-3/8 (35)	1-9/16 (39.7)	3/16 (4.8)	1-1/8 (28.6)	1-21/32 (42.1)	7/16 (11.1)	1/4 (6.4)	11/16 (17.5)
225-400	8-5/8 (219)	2 (50.8)	1-7/8 (47.6)	2-1/16 (52.4)	1/4 (6.4)	1-5/8 (41.3)	2-3/16 (55.6)	5/8 (15.9)	13/32 (10.3)	15/16 (23.8)
450-600	10-3/8 (263.5)	2-1/2 (63.5)	2-1/4 (57.1)	2-9/16 (65.1)	1/4 (6.4)	2 (50.8)	2-21/32 (67.5)	3/4 (19.1)	17/32 (13.5)	1-1/8 (28.6)

70-600 AMPS — 600 VOLTS

70-100	7-7/8 (200)	1-1/4 (31.8)	1 (25.4)	1-5/16 (33.3)	1/8 (3.2)	3/4 (19.1)	1-13/32 (35.7)	1/4 (6.4)	1/4 (6.4)	1/2 (12.7)
110-200	9-5/8 (244.5)	1-3/4 (44.5)	1-3/8 (35)	1-27/32 (46.8)	3/16 (4.8)	1-1/8 (28.6)	1-15/16 (49.2)	7/16 (11.1)	1/4 (6.4)	11/16 (17.5)
225-400	11-5/8 (295.3)	2-1/2 (63.5)	1-7/8 (47.6)	2-9/16 (65.1)	1/4 (6.4)	1-5/8 (41.3)	2-11/16 (68.3)	5/8 (15.9)	13/32 (10.3)	15/16 (23.8)
450-600	13-3/8 (339.7)	3 (76.2)	2-1/4 (57.1)	3-3/32 (78.6)	1/4 (6.4)	2 (50.8)	3-3/16 (78.4)	3/4 (19.1)	17/32 (13.5)	1-1/8 (28.6)

* Not applicable on 50K OTN/OTS, 10K OTN/OTS, REN/RES Fuses † Not applicable on REN/RES Fuses • Not applicable on CTN-R/CTS-R Fuses