

CCMR030.TXP Datasheet



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DiGi Electronics Part Number	CCMR030.TXP-DG
Manufacturer	Littelfuse
Manufacturer Product Number	CCMR030.TXP
Description	FUSE CARTRIDGE 30A 600VAC/500VDC
Detailed Description	30A 600 VAC 500 VDC Fuse Cartridge Requires Holder

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Purchase and inquiry

Manufacturer Product Number:

CCMR030.TXP

Series:

POWR-GARD®, POWR-PRO® CCMR

Mounting Type:

Requires Holder

Current Rating (Amps):

30A

Voltage Rating - DC:

500 VDC

Applications:

Motor Protection

Class:

CC

Operating Temperature:

-

Package / Case:

5AG, 10mm x 38mm (Midget)

Manufacturer:

Littelfuse

Product Status:

Active

Fuse Type:

Cartridge

Voltage Rating - AC:

600 VAC

Response Time:

Slow Blow

Features:

-

Approval Agency:

CE, CSA, UL

Breaking Capacity @ Rated Voltage:

200kA AC, 20kA DC

Size / Dimension:

0.406" Dia x 1.500" L (10.30mm x 38.10mm)

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8536.10.0040

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

CLASS H – RLN / RLS SERIES FUSES & LKN / LKS LINKS

250/600 VAC • Renewable • 1-600 A



Description

Littelfuse RLN and RLS series renewable fuses have traditionally been used to provide low cost protection. However, generally increased levels of available fault current and the distinct possibility that renewable fuses may be improperly renewed, have rendered them unsafe. The use of these fuses in new applications is prohibited by law.

Specifications

Voltage Ratings	AC: 250 V (RLN); 600 V (RLS)
Interrupting Ratings	AC: 10 kA rms symmetrical
Ampere Range	1–600 A
Approvals	Standard 248-6, Class H UL Listed (File: E81895) CSA Certified (File: LR29862)
Fuse Links	To order, specify LKN (250V) or LKS (600V) plus ampere rating.

Guide For Proper Renewable Fuse Usage

Renewable fuses should only be used where short-circuit currents are known to be less than 10,000 amperes, and where correct replacement of open links is assured. Renewable fuses and links are not recommended for new applications.

Still Using Class H Fuses?

Littelfuse offers several fuse and fuse block combinations that can greatly improve electrical safety.
LLNRK / LLSRK
FLNR / FLSR fuses
LFR fuse holders

Ordering Information

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

*RLS only.

†These ampere ratings require two links per fuse.

TYPE	VOLTAGE	CATALOG NUMBER	ORDERING NUMBER
FUSE	600	RLS020	ORLS020.T
FUSE	250	RLN020	ORLN020.T
LINK	600	LKS025	OLKS025.S
LINK	250	LKN030	OLKN030.S

Dimensions

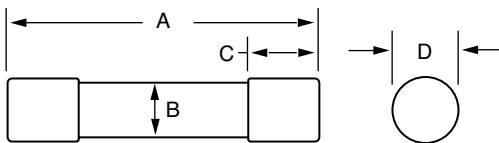


FIG. 1

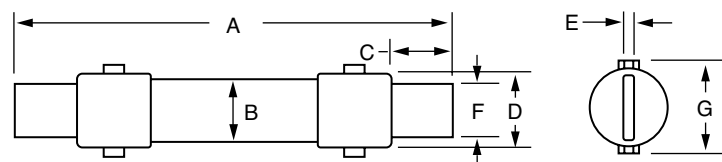


FIG. 2

AMPERES	REFER TO FIG. NO.	SERIES	DIMENSIONS INCHES (mm)						
			A	B	C	D	E	F	G
1 – 30	1	RLN	2 (50.8)	½ (12.7)	½ (12.7)	⅞ (14.3)	—	—	—
		RLS	5 (127.0)	¾ (19.1)	⅝ (15.9)	1⅜ (20.6)	—	—	—
35 – 60	1	RLN	3 (76.2)	¾ (19.1)	⅝ (15.9)	1⅜ (20.6)	—	—	—
		RLS	5½ (139.7)	1 (25.4)	⅝ (15.9)	1⅞ (27.0)	—	—	—
70 – 100	2	RLN	5⅝ (149.2)	1 (25.4)	1 (25.4)	1⅞ (27.0)	⅞ (3.2)	¾ (19.1)	1⅞ (33.3)
		RLS	7⅞ (200.0)	1¼ (31.8)	1 (25.4)	1⅞ (33.3)	⅞ (3.2)	¾ (19.1)	1⅞ (39.7)
110 – 200	2	RLN	7⅞ (181.0)	1½ (38.1)	1⅝ (34.9)	1⅞ (39.7)	¾ (4.8)	1⅞ (28.6)	1⅞ (47.6)
		RLS	9⅝ (244.5)	1¾ (44.5)	1⅝ (34.9)	1⅞ (46.8)	¾ (4.8)	1⅞ (28.6)	2⅜ (53.2)
225 – 400	2	RLN	8⅝ (219.1)	2 (50.8)	1⅞ (47.6)	2⅜ (53.2)	¾ (6.4)	1⅞ (41.3)	2⅜ (61.1)
		RLS	11⅝ (295.3)	2½ (63.5)	1⅞ (47.6)	2⅞ (65.9)	¾ (6.4)	1⅞ (41.3)	2⅞ (73.0)
450 – 600	2	RLN	10⅝ (263.5)	2½ (63.5)	2¼ (57.2)	2⅞ (65.9)	¾ (6.4)	2 (50.8)	2⅞ (73.0)
		RLS	13⅝ (339.7)	3 (76.2)	2¼ (57.2)	3⅜ (78.6)	¾ (6.4)	2 (50.8)	3⅞ (87.3)

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