

CLASS CC/CD CCMR SERIES FUSES

POWR-PRO® 600 Vac • Dual Element • Time-Delay • $2/_{10}$ -60 A


Description

The CCMR series is ideal for space saving protection of motors up to 40 hp*. It was designed specifically to withstand sustained starting currents of small motors. The CCMR 60 fuse is the smallest 60 A fuse available rated at 600 V. Compared to other UL Listed fuses, Class CC fuses are the most current-limiting, rating for rating.

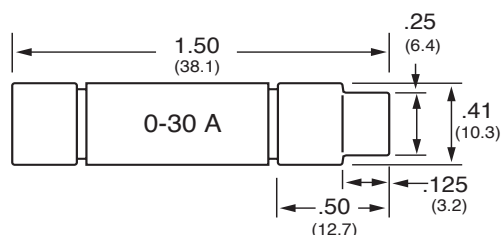
Features/Benefits

- POWR-PRO® Performance
- Extremely current-limiting
- Ratings up to 60 Amps
- 300 kA Interrupting Rating (self-certified)

Applications

- Motor and motor branch circuit protection

Dimensions Inches (mm)



Specifications

Voltage Rating

AC: 600 V
 DC: 250 V (CCMR $2/_{10}$ -2 A)
 (CCMR $4\frac{1}{2}$ -10 A)
 (CCMR 35-60 A)
 300 V (CCMR $2\frac{1}{4}$ -4 A)
 500 V (CCMR 12-30 A)

Amperage Rating

$2/_{10}$ - 60 A

Interrupting Rating

AC: 200 kA rms symmetrical
 300 kA Littelfuse self-certified
 DC: 20 kA

Approvals

AC: Standard 248-4, Class CC
 UL Listed $2/_{10}$ -30 A (File: E81895)
 Standard 248, Class CD
 UL Listed 35-60 A (File: E81895)
 CSA Certified (File: LR29862)

DC: Littelfuse self-certified

Environmental

RoHS Compliant (except 35-60 A)

Country of Origin

Mexico

Ordering Information

AMPERAGE RATINGS						
$2/_{10}$	1	2	$3\frac{1}{2}$	$6\frac{1}{4}$	12	35
$1/4$	$1\frac{1}{4}$	$2\frac{1}{4}$	4	7	15	40
$3/_{10}$	$1\frac{4}{10}$	$2\frac{1}{2}$	$4\frac{1}{2}$	$7\frac{1}{2}$	$17\frac{1}{2}$	45
$1/2$	$1\frac{1}{2}$	$2\frac{8}{10}$	5	8	20	50
$6/_{10}$	$1\frac{6}{10}$	3	$5\frac{6}{10}$	9	25	60
$8/_{10}$	$1\frac{8}{10}$	$3\frac{2}{10}$	6	10	30	

SERIES	AMPERAGE	ROHS	CATALOG NUMBER	ORDERING NUMBER
CCMR	10	•	CCMR010	CCMR010.TXP
CCMR	45		CCMR045	CCMR045.T

Web Resources

TC Curves, downloadable CAD drawings and other technical information: littelfuse.com/ccmr

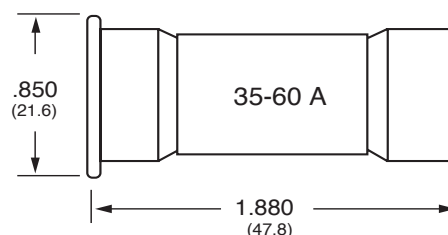
Recommended Fuse Holders

LFC600 Series

L60030C Series

LFPSC Touch-Safe Series ($2/_{10}$ -30A Only)

571/572 Panel Mount Series ($2/_{10}$ -30A Only)



*Consult Motor Protection Tables on www.littelfuse.com or call 800-TEC-FUSE for specific motor sizing information.

CLASS CC/CD CCMR SERIES FUSES

Electrical Specifications

ORDERING NUMBER	AMPERAGE RATING	VOLTAGE RATING		INTERRUPTING RATING		UPC	WATTS LOSS AT 100% RATED CURRENT (W)	WATTS LOSS AT 80% RATED CURRENT (W)	TOTAL CLEARING I ² T (A ² SEC) 200 kA	AGENCY APPROVALS		
		AC	DC	AC	DC					UL	CSA	RoHS
CCMR2.25TXP	2-¼	600	300	200 kA	20 kA	07945896818	1.55	0.99	351	•	•	•
CCMR02.5TXP	2-½	600	300	200 kA	20 kA	07945896819	1.99	1.26	192	•	•	•
CCMR003.TXP	3	600	300	200 kA	20 kA	07945896821	1.55	1.02	286	•	•	•
CCMR004.TXP	4	600	300	200 kA	20 kA	07945896824	1.62	1.04	1870	•	•	•
CCMR005.TXP	5	600	250	200 kA	20 kA	07945896826	1.89	1.20	1060	•	•	•
CCMR6.25TXP	6-¼	600	250	200 kA	20 kA	07945896829	1.72	1.08	797	•	•	•
CCMR07.5TXP	7-½	600	250	200 kA	20 kA	07945896831	1.72	1.09	983	•	•	•
CCMR008.TXP	8	600	250	200 kA	20 kA	07945896832	1.39	0.83	431	•	•	•
CCMR010.TXP	10	600	250	200 kA	20 kA	07945896834	1.49	0.90	1250	•	•	•
CCMR015.TXP	15	600	500	200 kA	20 kA	07945896836	1.77	1.03	1120	•	•	•
CCMR020.TXP	20	600	500	200 kA	20 kA	07945896838	2.3	1.39	918	•	•	•
CCMR030.TXP	30	600	500	200 kA	20 kA	07945896840	2.75	1.62	1790	•	•	•

Temperature Derating Curve (Temperature of Air Immediately Surrounding Fuse)

