

# Class CC/CD Fuses

## CCMR Series

**POWR-PRO**® 600 V ac • Dual Element • Time-Delay • 1/10–60 A



### Description

The CCMR Series dual-element, time-delay fuses carry the Littelfuse POWR-PRO® advanced technology designation. These fuses are ideal for space-saving protection of motor circuits up to 40 hp\* and are specifically designed to withstand sustained starting currents of small motors. Their superior time-delay capability eliminates needless downtime caused by power surges or equipment demands. They provide Type 2 “No Damage” protection for both NEMA- and IEC-type motor circuit components. Rating for rating, CCMR Series fuses are the most current-limiting fuses available.

POWR-PRO performance brand products offer advanced technology protection features such as high-interrupt capabilities up to 300 kA, low energy losses, and superior current limitation. 300 kA short-circuit testing for POWR-PRO products is self-certified and conducted at a nationally recognized testing laboratory.

### Features & Benefits

FEATURES	BENEFITS
<b>POWR-PRO® technology</b>	Superior protection against electrical system damage
<b>Dual-element, time-delay protection</b>	Provides reliable time-delay characteristics to avoid unwanted fuse opening from surge currents in small horsepower motors
<b>Extremely current-limiting</b>	Reduces damage caused by heating and magnetic effects of short-circuit currents
<b>Available up to 60 A</b>	Smallest footprint 600 V UL listed branch circuit fuse
<b>Type 2 “No Damage” protection</b>	Easy to coordinate and offer protection for both NEMA- and IEC-type motor circuit components

### Applications

- Motor and motor branch circuit protection
- Contactor protection
- Heating and general industrial protection

\*Consult Motor Protection Tables on [www.littelfuse.com](http://www.littelfuse.com) or call 800-TEC-FUSE for specific motor sizing information.

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### Specifications

<b>Voltage Rating</b>	Ac: 600 V Dc: 250 V (CCMR 35– 60 A) 300 V (CCMR 3/10– 10 A) 500 V (CCMR 12– 30 A)
<b>Ampere Range</b>	3/10 – 60 A
<b>Interrupting Ratings</b>	Ac: 200 kA rms symmetrical 300 kA Littelfuse self-certified Dc: 20 kA Littelfuse self-certified
<b>Applicable Standards</b>	UL 248-4; Class CC (CCMR 3/10-30 A) UL 248-18; Class CD (CCMR 35-60 A)
<b>Environmental</b>	RoHS Compliant (CCMR 3/10-30 A)
<b>Country of Origin</b>	Mexico

### Certification & Compliance

<b>UL</b>	UL Listed (File: E81895)
<b>CSA</b>	CSA Certified (File: LR29862)
<b>CE</b>	Declaration of Conformity: CCMR_P_210701_1 (3/10-30A )
<b>RoHS</b>	RoHS 2 Directive 2011/65/EU; Directive (EU) 2015/863

### Accessories

LFC600 Series (35–60 A Only)  
L60030C Series (3/10–30 A Only)  
LPSC /LFPSC Touch-Safe Series (3/10–30 A Only)  
571/572 Panel Mount Series (3/10–30 A Only)

### Ordering Information

AMPERE	CATALOG NUMBER	PRODUCT MARKING	PACK QUANTITY	ORDERING NUMBER	UPC	AGENCY APPROVALS		
						UL	CSA	ROHS
0.2	CCMR.200	CCMR 3/10A	10	CCMR.200TXP	07945896805	•	•	•
			100	CCMR.200HXP	07945896841	•	•	•
0.25	CCMR.250	CCMR 1/4A	10	CCMR.250TXP	07945896806	•	•	•
			100	CCMR.250HXP	07945896842	•	•	•
0.3	CCMR.300	CCMR 3/10A	10	CCMR.300TXP	07945896807	•	•	•
			100	CCMR.300HXP	07945896843	•	•	•
0.5	CCMR.500	CCMR 1/2A	10	CCMR.500TXP	07945896808	•	•	•
			100	CCMR.500HXP	07945896844	•	•	•
0.6	CCMR.600	CCMR 3/10A	10	CCMR.600TXP	07945896809	•	•	•
			100	CCMR.600HXP	07945896845	•	•	•
0.8	CCMR.800	CCMR 3/10A	10	CCMR.800TXP	07945896810	•	•	•
			100	CCMR.800HXP	07945896846	•	•	•
1	CCMR001	CCMR 1A	10	CCMR001.TXP	07945896811	•	•	•
			100	CCMR001.HXP	07945896847	•	•	•
1.25	CCMR1.25	CCMR 1 1/4A	10	CCMR1.25TXP	07945896812	•	•	•
			100	CCMR1.25HXP	07945896848	•	•	•

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						UL	CSA	ROHS
1.4	CCMR01.4	CCMR 1 1/10 A	10	CCMR01.4TXP	07945896813	•	•	•
			100	CCMR01.4HXP	07945896849	•	•	•
1.5	CCMR01.5	CCMR 1 1/2 A	10	CCMR01.5TXP	07945896814	•	•	•
			100	CCMR01.5HXP	07945896850	•	•	•
1.6	CCMR01.6	CCMR 1 3/10 A	10	CCMR01.6TXP	07945896815	•	•	•
			100	CCMR01.6HXP	07945896851	•	•	•
1.8	CCMR01.8	CCMR 1 3/10 A	10	CCMR01.8TXP	07945896816	•	•	•
			100	CCMR01.8HXP	07945896852	•	•	•
2	CCMR002	CCMR 2A	10	CCMR002.TXP	07945896817	•	•	•
			100	CCMR002.HXP	07945896853	•	•	•
2.25	CCMR2.25	CCMR 2 1/4 A	10	CCMR2.25TXP	07945896818	•	•	•
			100	CCMR2.25HXP	07945896854	•	•	•
2.8	CCMR02.8	CCMR 2 3/10 A	10	CCMR02.8TXP	07945896820	•	•	•
			100	CCMR02.8HXP	07945896856	•	•	•
3	CCMR003	CCMR 3A	10	CCMR003.TXP	07945896821	•	•	•
			100	CCMR003.HXP	07945896857	•	•	•
3.2	CCMR03.2	CCMR 3 2/10 A	10	CCMR03.2TXP	07945896822	•	•	•
			100	CCMR03.2HXP	07945896858	•	•	•
3.5	CCMR03.5	CCMR 3 1/2 A	10	CCMR03.5TXP	07945896823	•	•	•
			100	CCMR03.5HXP	07945896859	•	•	•
4	CCMR004	CCMR 4A	10	CCMR004.TXP	07945896824	•	•	•
			100	CCMR004.HXP	07945896860	•	•	•
4.5	CCMR04.5	CCMR 4 1/2 A	10	CCMR04.5TXP	7945896825	•	•	•
			100	CCMR04.5HXP	7945896861	•	•	•
5	CCMR005	CCMR 5A	10	CCMR005.TXP	07945896826	•	•	•
			100	CCMR005.HXP	07945896862	•	•	•
5.6	CCMR05.6	CCMR 5 3/10 A	10	CCMR05.6TXP	07945896827	•	•	•
			100	CCMR05.6HXP	07945896863	•	•	•
6	CCMR006	CCMR 6A	10	CCMR006.TXP	07945896828	•	•	•
			100	CCMR006.HXP	07945896864	•	•	•
6.25	CCMR6.25	CCMR 6 1/4 A	10	CCMR6.25TXP	07945896829	•	•	•
			100	CCMR6.25HXP	07945896865	•	•	•
7	CCMR007	CCMR 7A	10	CCMR007.TXP	07945896830	•	•	•
			100	CCMR007.HXP	07945896866	•	•	•
7.5	CCMR07.5	CCMR 7 1/2 A	10	CCMR07.5TXP	07945896831	•	•	•
			100	CCMR07.5HXP	07945896867	•	•	•
8	CCMR008	CCMR 8A	10	CCMR008.TXP	07945896832	•	•	•
			100	CCMR008.HXP	07945896868	•	•	•
9	CCMR009	CCMR 9A	10	CCMR009.TXP	07945896833	•	•	•
			100	CCMR009.HXP	07945896869	•	•	•
10	CCMR010	CCMR 10A	10	CCMR010.TXP	07945896834	•	•	•
			100	CCMR010.HXP	07945896870	•	•	•
12	CCMR012	CCMR 12A	10	CCMR012.TXP	07945896835	•	•	•
			100	CCMR012.HXP	07945896871	•	•	•
15	CCMR015	CCMR 15A	10	CCMR015.TXP	07945896836	•	•	•
			100	CCMR015.HXP	07945896872	•	•	•
17.5	CCMR17.5	CCMR 17 1/2 A	10	CCMR17.5TXP	07945896837	•	•	•
			100	CCMR17.5HXP	07945896873	•	•	•