

3X the Protection in 1/3 the Space of Equivalent Circuit Breakers

Cooper Bussmann® Compact Circuit Protector (CCP)

Smaller.

- At 1/3 the space required by a molded case circuit breaker and 2/3 the space required by a traditional fusible switch, the CCP saves space in your panel.

Simpler.

- Open fuse indication can be provided both locally and remotely for faster troubleshooting and reduced downtime.
- DIN rail mount for quick installation that requires no tools.
- Lockout/tagout capability promotes safe workplace practices.
- Positive visible circuit isolation via the disconnect switch is easy to see.
- Finger-safe construction helps prevent contact with live components.

Better.

- 200kA Short-Circuit Current Rating (SCCR) with Low-Peak® CUBEFuse® and Class CC fuses provides high assembly SCCR and reduced personal protective equipment (PPE) requirements.
- More fuse options: Class CC, Class J performance Low-Peak CUBEFuse, Midget and IEC 10x38 aM and gG/gL.
- Full voltage rating up to 600Vac allows installation flexibility versus slash-rated devices at 480/277Vac.
- Global standards ensure the CCP can perform in panels installed across all markets around the world.
- Optional wired remote open fuse indication can be utilized to signal a PLC and open a contactor to de-energize all phases, if required.
- Horsepower rated for protecting motor circuits with CUBEFuse and Class CC units.
- UL 98 disconnect rated for protection of branch circuits with Low-Peak CUBEFuse and Class CC fuses.



Class CC Version

CUBEFuse® Version

Specifications for CC, Midget and 10x38 Versions



Construction: RoHS compliant,
IP20 compliant with 10AWG or larger wire

Wire Range: 18-6AWG single or dual rated, solid or stranded, 4AWG single, 75°C Cu only

Torque Rating: 18-10AWG 20Lb-In
8-4AWG 35Lb-In

Poles: 1-, 2- and 3-pole: AC Version
1-pole: DC Version

Operating Temperature: -20°C to 75°C

Flammability Rating: UL 94V0

Padlockable: YES

Local Indication: YES

Mounting: DIN Rail

Agency Information:

UL Class CC fuse version

- UL 98 Listed, File E302370, Guide WHTY
- cULus to CSA Standard 22.2 No. 4-04, File 302370, Guide WHTY7
- CE Compliant

UL Midget fuse version

- UL 508 Listed
- cULus Certified 22.2 No. 14-05
- CE Compliant

10X38 IEC Class aM and gG/gL fuse version

- IEC 60947-3 AC23A
- IEC 60947-3 DC23A
- CE Compliant



1-, 2-, and 3-pole Class CC and Midget CCP



1-pole Class 80Vdc CCP

Technical Ratings

Catalog Number	Poles	Amp Rating	Voltage Rating	Fuse Type	Max. Fuse Ampacity	SCCR	Agency Approvals	Hp Ratings
CCP-1-30CC	1	30	600Vac	Class CC	30A	200kA	UL 98 Listed cULus 22.2 No. 4-04	0.5Hp@120V
CCP-2-30CC	2	30	600Vac	Class CC	30A	200kA	UL 98 Listed cULus 22.2 No. 4-04	2.0Hp@240V
CCP-3-30CC	3	30	600Vac	Class CC	30A	200kA	UL 98 Listed cULus 22.2 No. 4-04	3Hp@240V 5Hp@480V 7.5Hp@600V
CCP-1-30M	1	30	240Vac* UL	UL Midget	30A	10kA*	UL 508 Listed cULus 22.2 No. 14-05	—
			400Vac* IEC	10x38 IEC	32A aM, 25A gG	120kA*	IEC 60947-3 AC23A	
CCP-2-30M	2	30	240Vac* UL	UL Midget	30A	10kA*	UL 508 Listed cULus 22.2 No. 14-05	—
			400Vac* IEC	10x38 IEC	32A aM, 25A gG	120kA*	IEC 60947-3 AC23A	
CCP-3-30M	3	30	240Vac* UL	UL Midget	30A	10kA*	UL 508 Listed cULus 22.2 No. 14-05	—
			400Vac* IEC	10x38 IEC	32A aM, 25A gG	120kA*	IEC 60947-3 AC23A	
CCP-1-DCC	1	30	80Vdc*	Class CC (DC rated)	30A	20kA*	UL 98 Listed CSA 22.2 No. 4-04	—
CCP-1-DCM	1	30	80Vdc*	UL Midget	30A	10kA*	UL 508 Listed cULus 22.2 No. 14-05	—
				10x38 IEC	32A aM, 25A gG		IEC 60947-3 DC23A	

*Rating may be lower depending on installed fuse. Refer to fuse data sheet.

Recommended UL Fuse Types

AC Voltage		DC Voltage	
Class CC	Midget	Class CC	Midget
LP-CC	KTK	LP-CC	KLM
KTK-R	FNM		DCM
FNQ-R	FNQ		
	BAN		
	BAF		

Recommended IEC Fuse Types

10x38 IEC	
Part Number	IEC Class
C10G	gG/gL
C10M	aM

Specifications for Low-Peak® CUBEFuse®

Construction: RoHS compliant,
IP20 compliant with 10AWG or larger wire.

Wire Range: 18-6AWG single or dual rated, solid or stranded, 4AWG single, 75° C Cu only.

Torque Rating: 18-10AWG 20Lb-In
8-4AWG 35Lb-In

Poles: 1-, 2- and 3-pole: AC Version

Operating Temperature: -20°C to 75°C

Flammability Rating: UL 94V0

Padlockable: YES

Local Indication: YES

Mounting: DIN Rail

Agency Information:

- UL 98 Listed, File E302370, Guide WHTY
- cULus to CSA Standard 22.2 No. 4-04, File 302370, Guide WHTY7
- CE Compliant



1-, 2-, and 3-pole 30A CUBEFuse CCP



1-, 2-, and 3-pole 60A CUBEFuse CCP

Technical Ratings

Catalog Number	Poles	Amp Rating	Voltage Rating	Fuse Type	Max. Fuse Ampacity	SCCR	Agency Approvals	Hp Ratings
CCP-1-30CF	1	30	600Vac	CUBEFuse*	30A	200kA	UL 98 Listed cULus 22.2 No. 4-04	1.5Hp@120V
CCP-2-30CF	2	30	600Vac	CUBEFuse*	30A	200kA	UL 98 Listed cULus 22.2 No. 4-04	3.0Hp@240V
CCP-3-30CF	3	30	600Vac	CUBEFuse*	30A	200kA	UL 98 Listed cULus 22.2 No. 4-04	5Hp@240V 15Hp@480V 10Hp@600V
CCP-1-60CF	1	60	600Vac	CUBEFuse*	60A	200kA	UL 98 Listed cULus 22.2 No. 4-04	3.0Hp@120V
CCP-2-60CF	2	60	600Vac	CUBEFuse*	60A	200kA	UL 98 Listed cULus 22.2 No. 4-04	7.5Hp@240V
CCP-3-60CF	3	60	600Vac	CUBEFuse*	60A	200kA	UL 98 Listed cULus 22.2 No. 4-04	7.5Hp@240V 20Hp@480V 10Hp@600V

*Class J performance.

Specifications for Accessories

Auxiliary Contact

NO+NC contact output to indicate the status of the switching mechanism on the CCP.

Specifications:

- Rated Ampacity: 5A
- Rated Voltage: 240Vac
- NC/NO contacts are closed/open when the CCP switch is in the “ON” position (closed)
- Flammability Rating: UL 94V0

Agency Information:

- UL 98 File E155130, Guide WHTY2
- cULus to CSA Standard 22.2 No. 4-04
- IEC 60947-5-1

Remote Fuse Monitoring

A resettable three-phase remote fuse monitor that integrates with a Programmable Logic Controller (PLC) or other monitoring and control equipment.

Specifications:

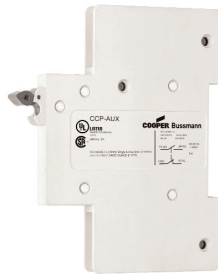
- **Power Input:** 24Vdc / 5mA
- **Output Signals:** Digital 0Vdc (Low), 24Vdc (High)
 - 0Vdc Low – Fuse is good
 - 24Vdc High – Fuse has opened

When the fuse opens, the output signal is sent high and will remain high until the unit is reset.

- **Rated Impulse Voltage:** 8kV
- **Local Indication:** Two distinct LEDs indicate unit power (green) and open fuse (red). Upon the replacement of the fuse, the actuation of the reset switch will reset the open fuse LED.
- **Flammability Rating:** UL 94V0

Agency Information:

- UL 98 File E155130, Guide WHTY2
- cULus to CSA Standard 22.2 No. 4-04



CCP-AUX



CCP-PLC-IND
(Includes spade terminals)



ICM-DIN

Accessories

Catalog Number	Description	Configuration	Signal Output	Minimum Circuit Voltage	Agency Approvals
CCP-AUX	Auxiliary Contacts NO+NC for Switch Status	1 per CCP	5A/240Vac	–	UL 98 Recognized and cURus 22.2 No. 4-04, IEC 60947-5-1 AC15
CCP-PLC-IND	Wired Remote Fuse Indication for PLC Applications	1 per CCP	24Vdc	100Vac	UL 98 Recognized and cURus 22.2 No. 4-04
ICM-DIN*	Intelligent Circuit Monitor for Cooper InVision™ System	1 per pole	RF Signal	100Vac	UL 508 Listed and CSA Certified

*Refer to Data Sheet 1068.

Data Sheet 1157 and the CCP Application Notes are available at www.cooperbussmann.com/ccp

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