

# Compact Circuit Protector (CCP)

UL Class CC, CF (CUBEFuse™), Midget and IEC 10x38mm  
DIN-Rail Fused Disconnect Switches



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## 1-, 2- and 3-Pole — Class CC, Midget, 10x38mm

### Description

The revolutionary Bussmann Compact Circuit Protector (CCP) fused disconnect switch is 2/3 the footprint of a traditional fusible switch and can provide up to a high 200kA SCCR that can help improve assembly SCCR.

### Specifications

#### Ratings

- |       |   |
|-------|---|
| Volts | - 600Vac (Class CC)                     |
|       | - 240Vac (Midget UL)                    |
|       | - 400Vac (Midget IEC)                   |
|       | - 80Vdc (DC Class CC/UL, DC Midget/IEC) |
| Amps  | - 30A (UL)                              |
|       | - 32A (IEC)                             |
| SCCR  | - 200kA (Class CC)                      |
|       | - 10kA (Midget UL)                      |
|       | - 120kA (Midget IEC max)                |
|       | - 20kA (DC Class CC/UL)                 |
|       | - 10kA (DC Midget/IEC)                  |

#### Poles

- 1-, 2- and 3-pole versions

#### Agency information

- CE Compliant
- RoHS Compliant
- For Class CC fuse versions
  - UL 98 Listed, File E302370, Guide WHTY
  - cULus to CSA Standard 22.2 No. 4-04, File 302370, Guide WHTY7
- For UL Midget and 10X38 IEC fuse versions
  - UL 508 Listed, File E320230, Guide NRNT
  - cULus Certified 22.2 No. 14-05
  - IEC 60947-3 AC23A
  - IEC 60947-3 DC23A

#### Conductors 75°C Cu or higher

- Single/dual 18-6AWG solid or stranded
- Single 4AWG solid or stranded

#### Terminals

- Single/dual conductor box lug or spade terminal suitable for line, load or accessory connection

#### Torque

- 18-10AWG 20 Lb-In
- 8-4AWG 35 Lb-In



1-Pole DC CCP

#### Storage and operating temperature

- -20°C to 75°C\*

\* For fuse performance under or above 25°C, consult fuse performance derating charts in the Bussmann publication titled Selecting Protective Devices (SPD), reorder # 3002.

#### Flammability rating

- UL 94V0

#### Lockout/tagout provisions

- 4mm shank lock or Brady pin-out device part number 90850

#### Mounting

- 35mm DIN-Rail

#### Local open fuse indication minimum voltage\*\*

- 90Vac for AC versions
- 12Vdc for DC versions

\*\* Open fuse indication requires an open fuse to be in the CCP and the switch in the ON position.

#### Accessories

- Auxiliary contacts
- PLC Wired remote fuse indication

#### Shipping weight

- 2.84 lbs (1.29 kg) per carton

#### Carton quantity

- 12 poles

#### Features

- Extremely compact design at 17.5mm wide per pole
- High Short-Circuit Current Ratings up to 200kA (UL) and 120kA (IEC)
- Disconnect rated to provide means for load isolation
- Full voltage rated up to 600Vac or 80Vdc
- Class CC version is UL 98 Listed and horsepower rated, and suitable for branch circuit disconnect and branch circuit protection
- IEC 10x38 version complies with IEC 60947-3 and suitable for branch circuit disconnect and branch circuit protection
- Suitable for global installations, the units comply with UL, cULus, and IEC standards accepting UL Class CC, Midget or IEC aM and gG/gL fuses
- Open Fuse Indication:
  - Local fuse indication lights are standard
  - Optional wired remote open fuse indication can be utilized to signal a PLC and open a contactor to de-energize all phases, if required
- IP20 Finger-safe with 10AWG (6mm<sup>2</sup>) or larger wire
- Built-in switch interlock prohibits removing the fuse under load
- Padlockable handle for lockout/tagout procedures - recommend using Brady pin-out device part number 90850

Compact Circuit Protector (CCP)  
 UL Class CC, CF (CUBEFuse), Midget and IEC 10x38mm  
 Fused Disconnect Switches

Technical Data 1157  
 Effective August 2014

**Specifications**

Amp Rating	Fuse Class	No. of Poles	Volts	SCCR	Max Horsepower Rating				Wire Size/ (Torque <sup>†††</sup> )	Wire Type	Part Number	Agency Information
					120 Vac	240 Vac	480 Vac	600 Vac				
30	CC	1	600Vac	200kA	0.5	—	—	—	Single/Dual 18-6AWG Sol/Str	CCP-1-30CC	UL 98 Listed, cULus 22.2, No. 4-04	
30	CC	2	600Vac	200kA	—	2	—	—		CCP-2-30CC	UL 98 Listed, cULus 22.2, No. 4-04	
30	CC	3	600Vac	200kA	—	3	4	7.5		CCP-3-30CC	UL 98 Listed, cULus 22.2, No. 4-04	
30	UL Midget	1	240Vac <sup>†</sup>	10kA <sup>†</sup>	—	—	—	—	Single 4AWG Sol/Str	CCP-1-30M	UL 508 Listed, cULus 22.2, No. 14-05 IEC 60947-3, AC23A	
32*	10x38 IEC		400Vac <sup>†</sup>	120kA <sup>†</sup>	—	—	—	—				
30	UL Midget	2	240Vac <sup>†</sup>	10kA <sup>†</sup>	—	—	—	—	75°C Cu or higher	CCP-2-30M	UL 508 Listed, cULus 22.2, No. 14-05 IEC 60947-3, AC23A	
32*	10x38 IEC		400Vac <sup>†</sup>	120kA <sup>†</sup>	—	—	—	—				
30	UL Midget	3	240Vac <sup>†</sup>	10kA <sup>†</sup>	—	—	—	—	Spade Terminal <sup>††</sup>	CCP-3-30M	UL 508 Listed, cULus 22.2, No. 14-05 IEC 60947-3, AC23A	
32*	10x38 IEC		400Vac <sup>†</sup>	120kA <sup>†</sup>	—	—	—	—				
30	CC	1	80Vdc <sup>†</sup>	20kA <sup>†</sup>	—	—	—	—		CCP-1-DCC	UL 98 Listed, CSA 22.2, No. 4-04	
30	CC	1	80Vdc <sup>†</sup>	10kA <sup>†</sup>	—	—	—	—		CCP-1-DCM	UL 508 Listed, cULus 22.2, No. 14-05 IEC 60947-3, DC23A	
32*	10x38 IEC											

\* 32A Class aM, 25A Class gG.

† SCCR May be lower, refer to installed fuse data sheets.

†† Spade terminal with a 4.3mm gap for a #8-32 stud, 30A max, insulated flange, wire size 12-10AWG.

††† - 18-10AWG; 20 Lb-In  
 - 8-4AWG; 35 Lb-In

**Available Bussmann fuses**

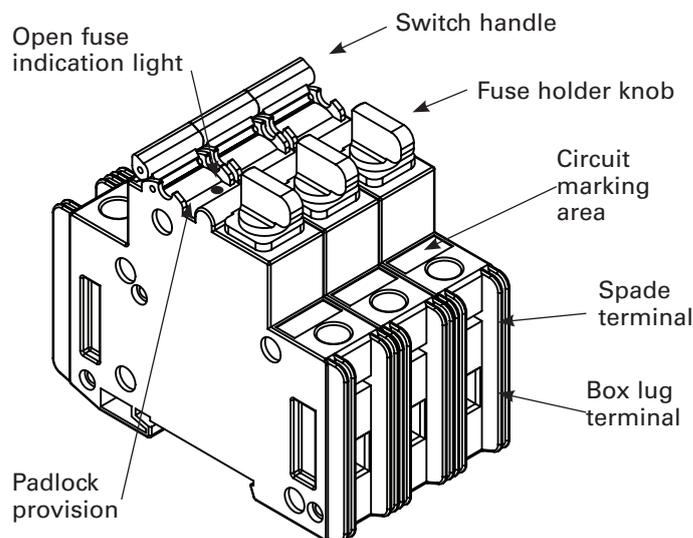
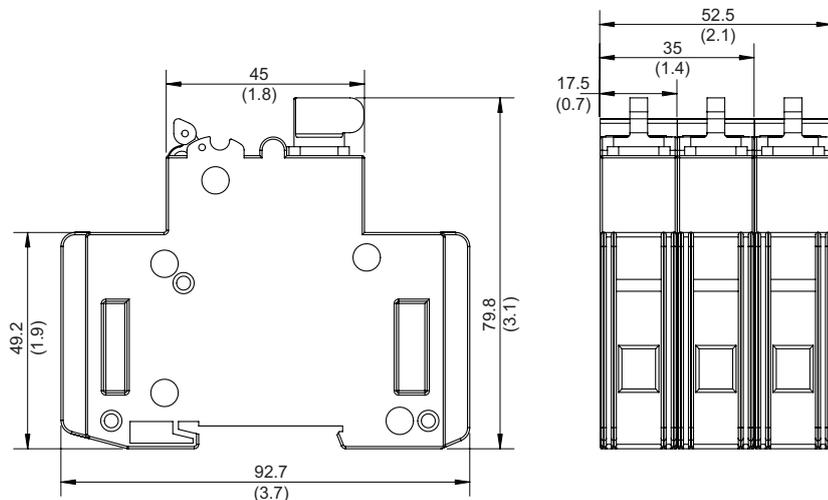
Fuse Class	Type/Description	Volts	Data Sheet #
CC	LP-CC Time-Delay, Current Limiting	600Vac/300Vdc	1023
CC	FNQ-R Time-Delay	600Vac/300Vdc	1014
CC	KTK-R Fast-Acting	600Vac	1015
M	FNM Time-Delay	250Vac	2028
M	FNQ Time-Delay	500Vac	1012
M	KTK Fast-Acting	600Vac	1011
M	BAF Fast-Acting	250Vac	2011
M	KLM Fast-Acting	600Vac/dc	2020
gG/gL	C10G	500V (400V@32A)	720115
aM	C10M	500V (400V@20@25A)	720115

**Recommended lockout device**

CCP Version	Brady pin-out device P/N
Class CC, Midget, IEC 10x38	90850

**Dimensions – mm (in)**

Class CC, UL Midget & 10x38 IEC



**Motor sizing table with LP-CC time-delay Class CC fuses**

Voltage	Motor Size (Hp)	Motor FLA (Amps)	Min (Amps)	Code Max (Amps)	Heavy Start (Amps)
115Vac, 1-Phase	0.167	4.4	9	15	15
	0.25	5.8	12	20	20
	0.33	7.2	15	25	25
	0.50	9.8	30	30	30
230Vac, 1-Phase	0.17	2.2	4.5	10	10
	0.25	2.9	6	10	10
	0.33	3.6	7	15	15
	0.50	4.9	10	15	15
	0.75	6.9	15	25	25
	1	8	25	25	30
200Vac, 3-Phase	1.5	10	30	30	30
	0.50	2.5	5	10	10
	0.75	3.7	7.5	15	15
	1	4.8	10	15	15
	1.5	6.9	15	25	25
208Vac, 3-Phase	2	7.8	25	25	30
	0.50	2.4	5	10	10
	0.75	3.5	7	15	15
	1	4.6	10	15	15
230Vac, 3-Phase	1.5	6.6	15	20	25
	2	7.5	15	25	30
	0.50	2.2	4.5	10	10
	0.75	3.2	7	10	12
	1	4.2	9	15	15
460Vac, 3-Phase	1.5	6	12	20	20
	2	6.8	15	25	25
	3	9.6	30	30	30
	0.50	1.1	2.25	6	6
	0.75	1.6	3.2	6	6.25
	1	2.1	4.5	10	10
	1.5	3	6	10	12
575Vac, 3-Phase	2	3.4	7	15	15
	3.00	4.8	10	15	15
	5.00	7.6	25	25	30
	0.50	0.9	1.8	3	3.5
	0.75	1.3	2.8	6	6
	1	1.7	3.5	6	6.25
575Vac, 3-Phase	1.5	2.4	5	10	10
	2	2.7	5.6	10	10
	3.00	3.9	8	15	15
	5.00	6.1	15	20	20
	7.50	9	30	30	30

**Note:** NEMA motors only (no IEC or Design B Energy Efficient). Minimum size if no more than 1 start/hour. Code max if low to moderate reverse/jog/plug applications.

Heavy start permitted only if Code Max does not allow motor start-up. For high reverse/jog/plug applications or larger horsepower motors, Class CF (Class J electrical performance) fuses are recommended. See CCP\_CF with CUBEFuse™.

# Compact Circuit Protector (CCP) UL Class CC, CF (CUBEFuse), Midget and IEC 10x38mm Fused Disconnect Switches

Technical Data 1157  
Effective August 2014

## 1-, 2- and 3-Pole — Class CF

### Description

The revolutionary Bussmann Compact Circuit Protector (CCP) fused disconnect switch with CUBEFuse is 2/3 the footprint of a traditional fusible switch and provides a high 200kA SCCR that can help increase assembly SCCR.



### Specifications

#### Ratings

- Volts - 600Vac
- 125Vdc (up to 80A max)
- Amps 30A, 60A, 100A
- SCCR - 200kA AC
- 100kA DC (up to 80A max)

#### Poles

- 1-, 2-, 3-pole

#### Agency information

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

#### Conductors 75°C Cu or higher

- 30 to 60A CCPs: - Single/dual 18-6AWG solid or stranded
- Single 4AWG solid or stranded
- 100A CCPs - Single 10-8AWG solid
- Single 8-1AWG stranded
- Dual 6AWG stranded

#### Terminals

- Single/dual conductor box lug or spade terminal suitable for line, load or accessory connection
- Torque: 0-60A: - 18-10AWG 20 Lb-In
- 8-6AWG 35 Lb-In
- 4AWG 35 Lb-In
- 70-100A: - 18-10AWG Single 25 Lb-In
- 8-1AWG Single 35 Lb-In
- 6AWG Dual 45 Lb-In

#### Fuses

- Uses finger-safe Class CF CUBEFuse™ with Class J performance
- Low-Peak™ dual-element, time-delay\*
  - Non-indicating 1-100A
  - Indicating 6-100A
- Fast-acting, non-indicating 1-100A\*\*

\* See data sheet # 9000.

\*\*See data sheet # 2147.

#### Storage and operating temperature

- 20°C to 75°C\*\*\*

\*\*\*For fuse performance under or above 25°C, consult fuse performance derating charts in the Bussmann publication titled Selecting Protective Devices (SPD) reorder # 3002.

#### Flammability rating

- UL 94V0

#### Lockout/tagout provisions

- 4mm shank lock or Brady pin-out device, part number 90850

#### Mounting

- 35mm DIN-Rail

#### Local open fuse indication minimum voltage†

- 90Vac/115Vdc
- † Open fuse indication requires an open fuse to be in the CCP and the switch in the ON position.

#### Accessories

- Auxiliary contacts
- PLC Wired remote fuse indication
- CUBEFuse fuse pullers (P/Ns: CFP-30, CFP-60, CFP-100)

#### Shipping weight

- 2.03 lbs (0.92kg) per carton

#### Carton quantity

- Six (6) poles

#### Features

- Uses Class CF finger-safe fast-acting and time-delay CUBEFuse™ with Class J electrical performance
- Extremely compact design at 25.4mm (1 inch) wide per pole
- Ampacity rejecting disconnects will not accept CUBEFuse amp ratings greater than switch rating
- High Short-Circuit Current Ratings at 200kA
- Disconnect rated to provide means for load isolation
- Full voltage rated at 600Vac
- 30A and 60A versions rated 125Vdc
- UL 98 Listed and suitable for branch circuit disconnect and branch circuit protection
- 1-, 2- and 3-pole versions are horsepower rated
- Complies with UL and CSA
- Open Fuse Indication:
  - Local fuse indication lights are standard
  - Optional wired remote open fuse indication can be utilized to signal a PLC and open a contactor to de-energize all phases, if required
- Additional open fuse indication can be provided by the CUBEFuse
- IP20 Finger-safe construction with 10AWG (6mm<sup>2</sup>) wire or larger
- Built-in switch interlock capability prohibits removing the fuse under load
- Padlockable handle for lockout/tagout procedures - recommend using Brady pin-out device, part number 90850

**Specifications**

Amp Rating	UL Fuse Class	No. of Poles	Volts	SCCR	Max Horsepower Rating*				Wire Size (See Note for Torque!)	Wire Type	Part Number	Agency Information
					120 Vac	240 Vac	480 Vac	600 Vac				
30	CF	1	600Vac 125Vdc	200kA 100kA	1.5	—	—	—	Single/Dual 18-6AWG Sol/Str	CCP-1-30CF	UL 98 Listed, cULus 22.2, No. 4-04	
30	CF	2	600Vac 125Vdc	200kA 100kA	—	3	—	—		CCP-2-30CF	UL 98 Listed, cULus 22.2, No. 4-04	
30	CF	3	600Vac 125Vdc	200kA 100kA	—	5	15	10	Single 4AWG Sol/Str	CCP-3-30CF	UL 98 Listed, cULus 22.2, No. 4-04	
60	CF	1	600Vac 125Vdc	200kA 100kA	3	—	—	—		CCP-1-60CF	UL 98 Listed, cULus 22.2, No. 4-04	
60	CF	2	600Vac 125Vdc	200kA 100kA	—	7.5	—	—	Spade Terminal**	75°C Cu or higher	CCP-2-60CF	UL 98 Listed, cULus 22.2, No. 4-04
60	CF	3	600Vac 125Vdc	200kA 100kA	—	7.5	20	10		CCP-3-60CF	UL 98 Listed, cULus 22.2, No. 4-04	
100	CF	1	600Vac 125Vdc††	200kA 100kA	5	—	—	—	Single 8-10AWG Sol/Str 8-1AWG Str	CCP-1-100CF	UL 98 Listed, cULus 22.2, No. 4-04	
100	CF	2	600Vac 125Vdc††	200kA 100kA	—	10	—	—		CCP-2-100CF	UL 98 Listed, cULus 22.2, No. 4-04	
100	CF	3	600Vac 125Vdc††	200kA 100kA	—	20	50	50	Spade Terminal**	CCP-3-100CF	UL 98 Listed, cULus 22.2, No. 4-04	

\* With time-delay Low-Peak CUBEFuse.

\*\* Spade terminal with a 4.3mm gap for a #8-32 stud, 30A max, insulated flange, wire size 12-10AWG.

† 30-60A: 18-10AWG 20 Lb-In, 8-6AWG 35 Lb-In, 4AWG 35 Lb-In  
70-100A: 18-10AWG Single 25 Lb-In, 8-1AWG Single 35 Lb-In, 6AWG Dual 45 Lb-In

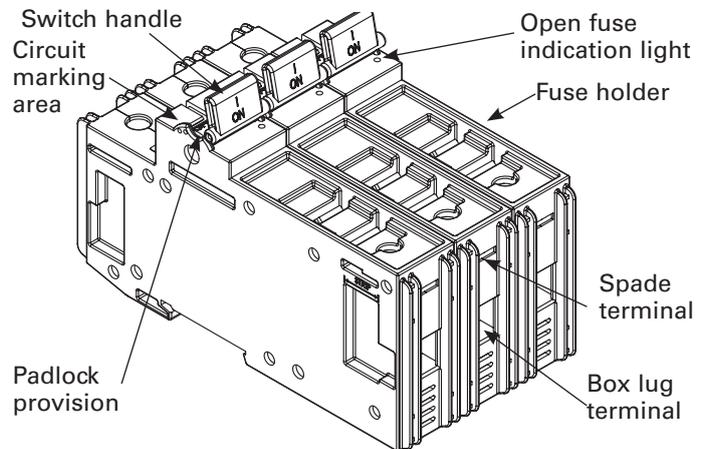
†† Up to 80 amps maximum.

**Available Bussmann fuses**

Fuse Class	Type/Description	Data Sheet #
CF	Low-Peak Time-Delay, Current Limiting 600Vac/300Vdc	9000
CF	UPS/Critical Application, Fast-Acting 600Vac/dc	2147

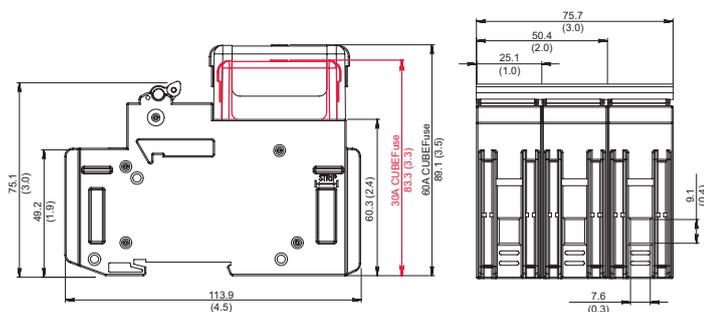
**Recommended lockout devices**

CCP Version	Bradly pin-out device P/N
Class CF CUBEFuse™	90850

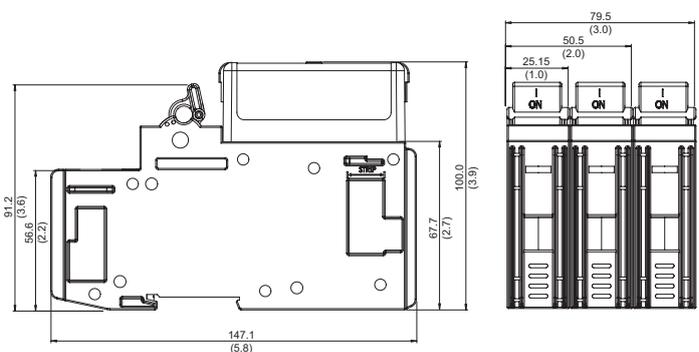


**Dimensions – mm (in)**

**30A and 60A CUBEFuse CCP**



**100A CUBEFuse CCP**



**Motor sizing table  
 with TCF Low-Peak™ time-delay Class CF fuses**

Voltage	Motor Size (Hp)	Motor FLA (Amps)	Optimal Protection (Amps)	Code Max (Amps)	Heavy Start (Amps)
115Vac, 1-Phase	0.167	4.4	10	10	10
	0.25	5.8	10	15	15
	0.333	7.2	15	15	15
	0.5	9.8	15	20	20
	0.75	13.8	25	25	30
	1	16	25	30	35
	1.5	20	30	35	45
	2	24	40	45	50
	3	34	50	60	N/A
	5**	56	90	100	N/A
230Vac, 1-Phase	0.167	2.2	6	6	6
	0.25	2.9	6	6	6
	0.333	3.6	6	10	10
	0.5	4.9	10	10	10
	0.75	6.9	15	15	15
	1	8	15	15	17.5
	1.5	10	15	20	20
	2	12	20	25	25
	3	17	25	30	35
	5	28	45	50	60
200Vac, 3-Phase	0.5	2.5	6	6	6
	0.75	3.7	6	10	10
	1	4.8	10	10	10
	1.5	6.9	15	15	15
	2	7.8	15	15	17.5
	3	11	17.5	20	20
	5	17.5	30	35	35
	7.5	25.3	40	45	50
	20**	62.1	100	N/A	N/A
	208Vac, 3-Phase	0.5	2.4	6	6
0.75		3.5	6	10	10
1		4.6	10	10	10
1.5		6.6	10	15	15
2		7.5	15	15	15
3		10.6	17.5	20	20
5		16.7	25	30	35
7.5		24.2	40	45	50
20**	59.4	90	N/A	N/A	

Voltage	Motor Size (Hp)	Motor FLA (Amps)	Optimal Protection (Amps)	Code Max (Amps)	Heavy Start (Amps)
230Vac, 3-Phase	0.5	2.2	6	6	6
	0.75	3.2	6	6	6
	1	4.2	10	10	10
	1.5	6	10	15	15
	2	6.8	15	15	15
	3	9.6	15	20	20
	5	15.2	25	30	30
	7.5	22	35	40	45
	20**	54	90	100	N/A
	460Vac, 3-Phase	0.5	1.1	3	3
0.75		1.6	3	3	3
1		2.1	6	6	6
1.5		3	6	6	6
2		3.4	6	6	6
3		4.8	10	10	10
5		7.6	15	15	15
7.5		11	17.5	20	20
10		14	25	25	30
15		21	35	40	45
575Vac, 3-Phase	0.5	0.9	3	3	3
	0.75	1.3	3	3	3
	1	1.7	3	3	3
	1.5	2.4	6	6	6
	2	2.7	6	6	6
	3	3.9	6	10	10
	5	6.1	10	15	15
	7.5	9	15	20	20
	10	11	17.5	20	20
	40**	41	70	80	80

Note: Use Code Max column for low to moderate reverse/jog/plug applications.  
 Heavy Start permitted only if Code Max does not allow motor start-up.  
 \* Based on motor FLA from NEC® tables 430.248 and 430.250.

## Auxiliary Contacts

### Description

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 WHY2
- cULus to CSA Standard 22.2 No. 4-04
- IEC 60947-5-1

### Wiring

- 20-16AWG (0.5 to 1.5mm<sup>2</sup>) wire
- Torque 5 Lb-In (0.68N•m)
- For use with only 75°C Cu wire

### Packaging

- The CCP-AUX and CCP-AUX-100 are packaged individually
- A single unit is capable of mounting to a 1-, 2-, or 3-pole CCP

### Installation technique

- Mounts on the right side ONLY of the CCP, and mechanically interlocks with the CCP switch handle with hardware provided

### IP20 Rating

- Yes

### Environmental data

- Storage and operating temperature: -20°C to 75°C

### Catalog numbers

- 1-60A, CCP-AUX
- 70-100A, CCP-AUX-100

Description	Max Per CCP	Signal Output	Agency Information	Catalog Number
Auxiliary Contacts NO+NC for Switch Status up to 60A	1 per CCP (1-, 2- or 3-Pole)	5A/240Vac	UL 98 Recognized, cURus 22.2 No. 4-04, IEC 60947-5-1 AC15	CCP-AUX
Auxiliary Contacts NO+NC for Switch Status 70 to 100A	1 per CCP (1-, 2- or 3-Pole)	5A/240Vac	UL 98 Recognized, CSA C22.2 No. 4	CCP-AUX-100

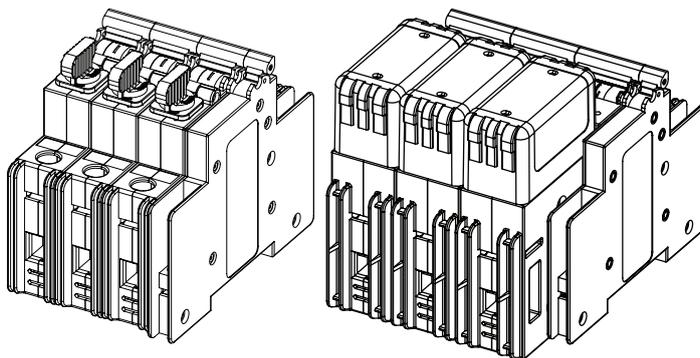
De-energize all circuits before installing or removing any CCP-AUX devices and follow all prescribed safety procedures.



### Installed on a CCP-3-xx

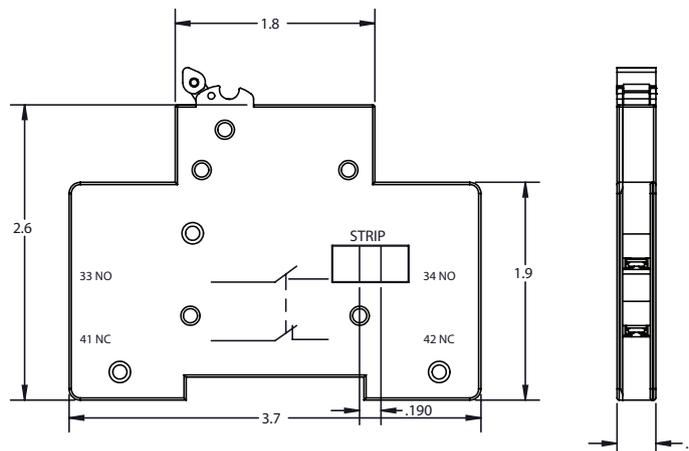
Up to 60A CCP

70 to 100A CCP

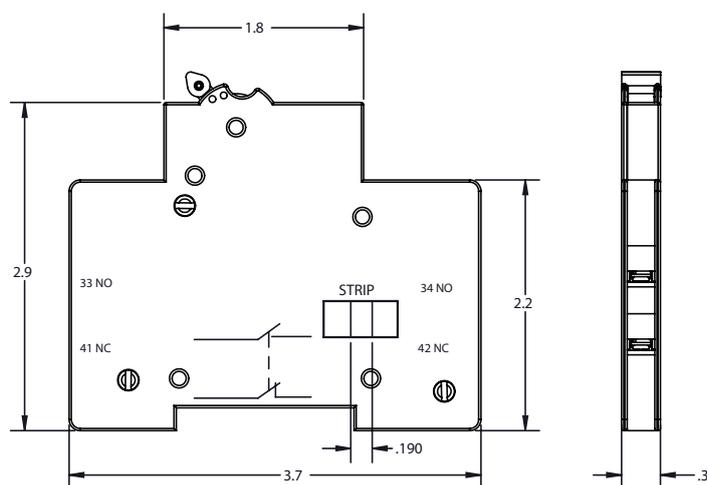


### Dimensions – mm (in)

Up to 60A CCP



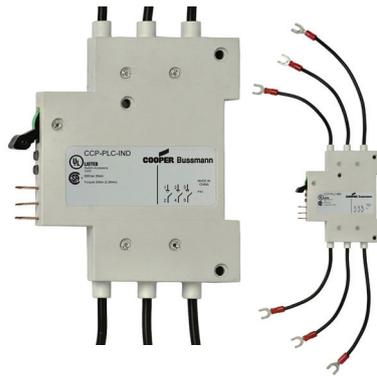
70 to 100A CCP



## PLC Fuse Monitor

### Description

A resettable three-phase fuse monitor that integrates with the I/O card in a Programmable Logic Controller (PLC).



### Specifications

- Signal output to PLC:
  - +24Vdc, 10mA max
- Output signals:
  - Digital 0Vdc (Low), 24Vdc max (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.

### Agency information

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

### Rated impulse voltage

- 8kV

### Local indication

- Two distinct LEDs indicate unit power (green) and open fuse (red). Open fuse LED is resettable upon the replacement of the fuse and the actuation of the reset switch

### Flammability rating

- UL 94V0

### Wiring

- For power, signal and ground connections use shielded twisted pair 22-24AWG (0.34-0.25mm<sup>2</sup>) 300V rated wire

### Emissions and immunity testing

- Electrostatic Discharge IEC 61000-4-2
- Electrical Fast Transient/Burst IEC 6100-4-4
- Surge Immunity IEC61000-4-5

### Packaging

- The CCP-PLC-IND is packaged individually
- A single unit monitors up to three phases. Package includes 0.110" (2.8mm) quick connects for power, signal and ground connections

### Minimum circuit voltage

- Minimum circuit voltage required across the CCP is 100Vac/dc for the remote indication device to operate

### Installation technique

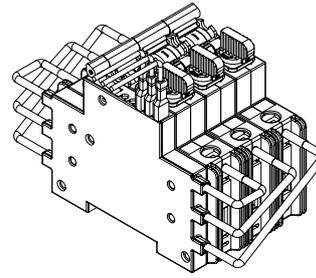
- Mounts on the left side ONLY of the CCP and mechanically interlocks with the CCP switch handle with hardware provided

### IP20 Rating

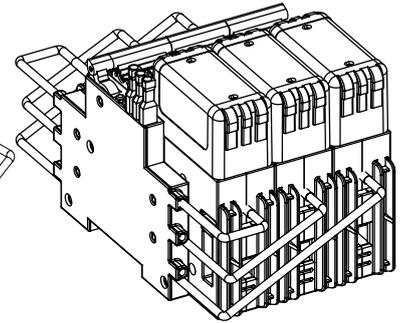
- Yes

### Installed on a CCP-3-xx

Up to 60A CCP



70 to 100A CCP



### Storage and operating temperature

- -20°C to 75°C

### PLC Programming

- The CCP-PLC-IND signal line is designed to provide a digital input to a PLC I/O card. In this case, a Programmable Logic Control program must be written to properly interpret the input signal to the PLC. The PLC program should check for consecutive high signals before taking action on a critical process.

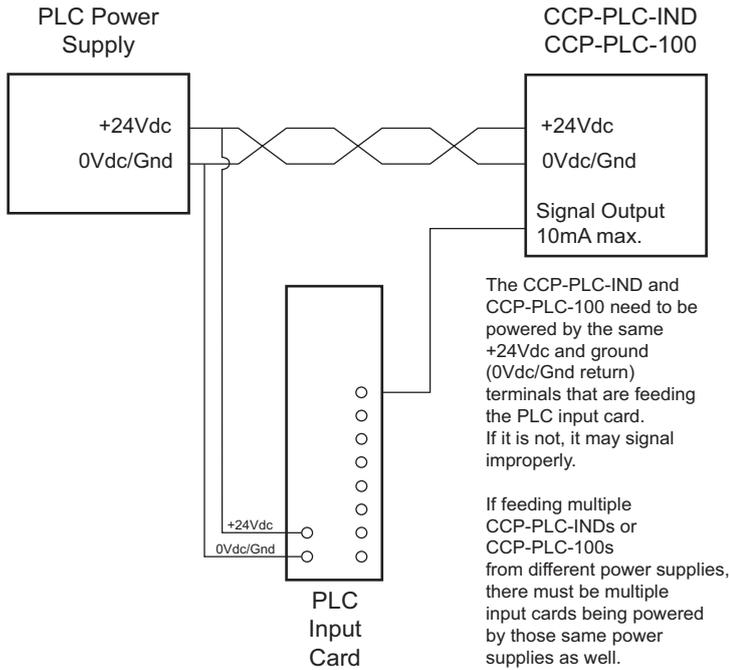
### Catalog numbers

- 1-60A, CCP-PLC-IND
- 70-100A, CCP-PLC-100

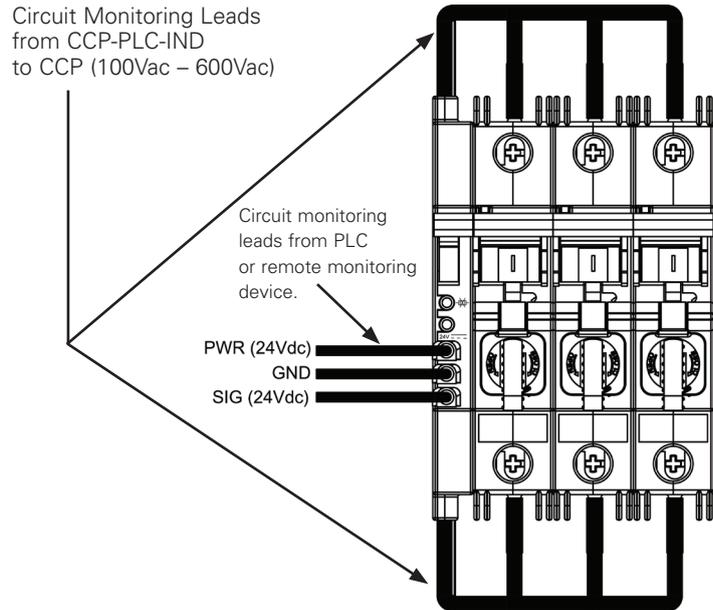
Description	Max Per CCP	Signal Output to PLC	Min. Circuit Volts	Agency Information	Cat. No.
Wired remote fuse indication for PLC applications up to 60A	1 per CCP	24Vdc/10mA	100Vac	UL 98 Recognized, cURus 22.2 No. 4-04	CCP-PLC-IND
Wired remote fuse indication for PLC applications 70 to 100A	(1, 2- or 3-Pole)			UL 98 Recognized, CSA C22.2 No. 4	CCP-PLC-100

De-energize all circuits before installing or removing any CCP-PLC-IND devices and follow all prescribed safety procedures.

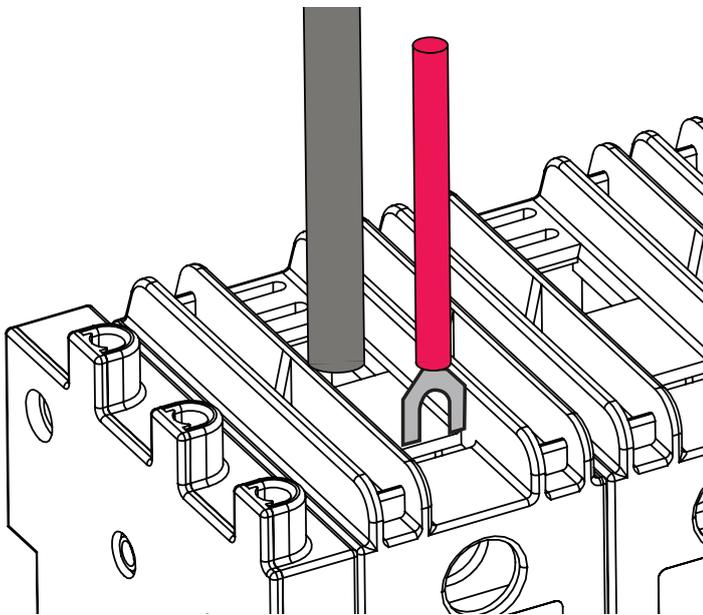
**PLC Wiring Schematic**



**Connections for CCP-PLC-IND from a CCP-3-XX to a remote monitoring device**



**Connection from CCP-PLC-IND to CCP**



Connect leads from CCP-PLC-IND to the terminals as shown. There is a dedicated terminal on the CCP to accept the spade connectors from the CCP-PLC-IND.

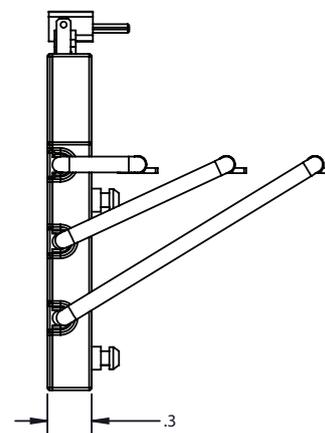
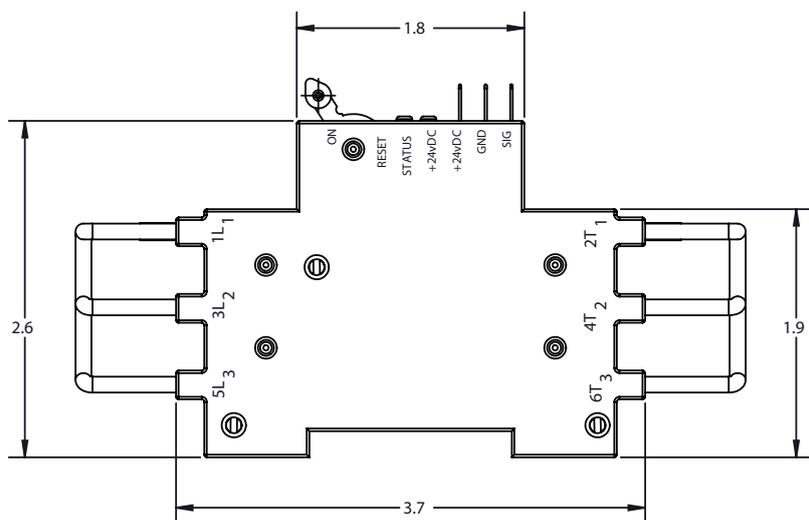
NOTE: When monitoring a 1-pole or 2-pole CCP, trim unused leads.

Compact Circuit Protector (CCP)  
 UL Class CC, CF (CUBEFuse), Midget and IEC 10x38mm  
 Fused Disconnect Switches

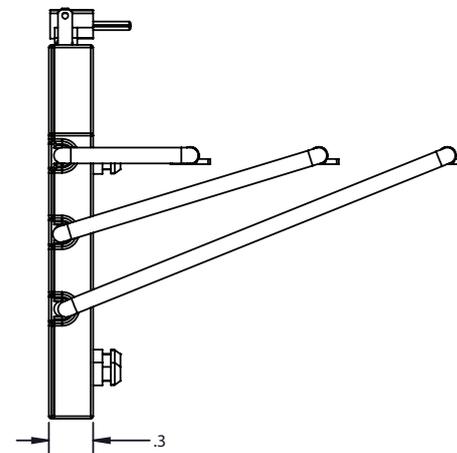
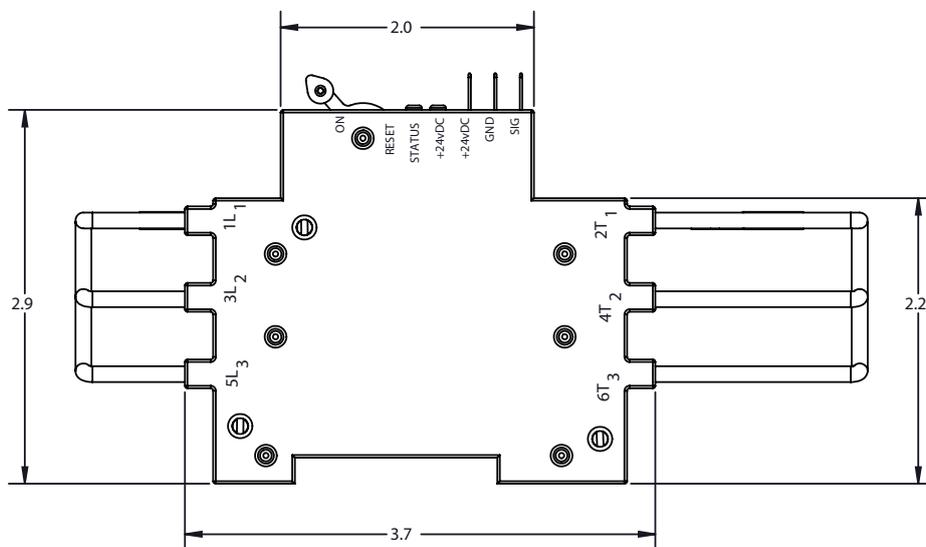
Technical Data 1157  
 Effective August 2014

Dimensions – mm (in)

Up to 60A CCP



70A to 100A CCP



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Publication No. 1157 BU-SB14603  
August 2014

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