

Compact Circuit Protector (CCP)

UL Class CC, CF (CUBEFuse™), midget and IEC 10x38mm DIN-Rail fused disconnect switches















Contents

Description	Page	Description
1-, 2- and 3-pole — Class CC, Midget, 10	x38mm	Auxiliary contacts
Description and specifications	2-3	Description and spe
Available fuses	3	Dimensions
Recommended lockout devices	3	PLC fuse monitor
Dimensions	3	Description and spe
Motor sizing table	4	Wiring schematic
1-, 2- and 3-pole — Class CF		Connections
Description and specifications	5-6	Dimensions
Available fuses	6	
Recommended lockout devices	6	
Dimensions	6	
Motor sizing tables	7	

Description	Page
Auxiliary contacts	
Description and specifications	8
Dimensions	8
PLC fuse monitor	
Description and specifications	9
Wiring schematic	10
Connections	10
Dimensions	11



Compact Circuit Protector (CCP) UL Class CC, CF (CUBEFuse), midget and IEC 10x38mm fused disconnect switches

1-, 2- and 3-pole — Class CC, midget, 10x38mm

Description:

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

Specifications:

Ratings

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

Poles

· 1-, 2- and 3-pole versions

Agency information

- CE
- · 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 fork terminal suitable for line, load or accessory connection

Torque

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

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 Division publication titled Selecting Protective Devices (SPD), data sheet No. 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**

- 90 Vac 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

1-Pole DC CCP

Features:

- Extremely compact design at 17.5mm wide per pole
- High Short-Circuit Current Ratings (SCCR) up to 200 kA (UL) and 120 kA (IEC)
- · Disconnect rated to provide means for load isolation
- Full voltage rated up to 600 Vac 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 (6mm²) 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

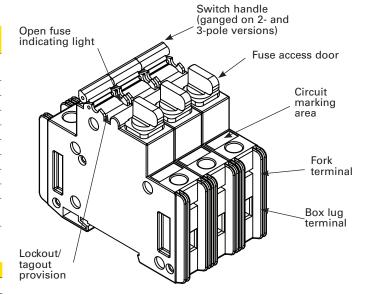
Catalog numbers:

Amp		No. of			Max ho	rsepowe	r rating	(Vac)	Wire size/	Wire		
rating	Fuse class	poles	Volts	SCCR	120	240	480	600	(torque*)	type	Catalog no.	Agency information
30	CC	1	600 Vac	200 kA	0.5	_	_	_			CCP-1-30CC	UL 98 Listed, cULus 22.2, No. 4-04
30	CC	2	600 Vac	200 kA	_	2	_	_			CCP-2-30CC	UL 98 Listed, cULus 22.2, No. 4-04
30	CC	3	600 Vac	200 kA	_	3	5	7.5			CCP-3-30CC	UL 98 Listed, cULus 22.2, No. 4-04
30	UL Midget		240 Vac [†]	10 kA [†]					Single/Dual			UL 508 Listed, cULus 22.2, No. 14-05
32**	10x38 IEC	1	400 Vac [†]	120 kA†	_	_	_	_	18-6AWG Sol/Str		CCP-1-30M	IEC 60947-3, AC-23A
30	UL Midget		240 Vac [†]	10 kA [†]						75°C Cu		UL 508 Listed, cULus 22.2, No. 14-05
32**	10x38 IEC	2	400 Vac [†]	120 kA†	_	-	-	_	Single 4AWG Sol/Str	or higher	CCP-2-30M	IEC 60947-3, AC-23A
30	UL Midget		240 Vac [†]	10 kA [†]								UL 508 Listed, cULus 22.2, No. 14-05
32**	10x38 IEC	3	400 Vac [†]	120 kA†	_	-	-	_	Spade Terminal ^{††}		CCP-3-30M	IEC 60947-3, AC-23A
30	CC	1	80Vdc [†]	20 kA [†]	_	_	_	_			CCP-1-DCC	UL 98 Listed, CSA 22.2, No. 4-04
30	UL Midget	. 1	80Vdc [†]	10 kA†					•		CCP-1-DCM	UL 508 Listed, cULus 22.2, No. 14-05
32**	10x38 IEC	- 1	80 v ac	IU KA'	_	_	_	_			CCF- I-DCIVI	IEC 60947-3, DC-23A

^{* 18-10}AWG; 20 Lb-In, 8-4AWG; 35 Lb-In.

Available Bussmann series fuses:

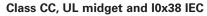
Fuse class	Type/description	Volts	Data sheet no.
СС	LP-CC time-delay, current limiting	600 Vac/300Vdc	1023
CC	FNQ-R time-delay	600 Vac/300Vdc	1014
СС	KTK-R fast-acting	600 Vac	1015
М	FNM time-delay	250 Vac	2028
М	FNQ time-delay	500 Vac	1012
М	KTK fast-acting	600 Vac	1011
М	BAF fast-acting	250 Vac	2011
M	KLM fast-acting	600 Vac/dc	2020
gG/gL	C10G	500V (400V@32A)	720115
aM	C10M	500V (400V@20@25A)	720115

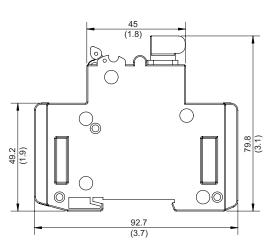


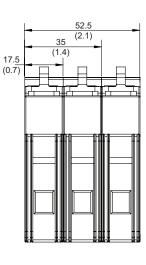
Recommended lockout device:

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

Dimensions - mm (in)







^{** 32}A Class aM, 25A Class gG.

SCAR May be lower, refer to installed fuse data sheets.

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

Motor sizing table:

LP-CC time-delay Class CC fuses

Voltage	Motor size (Hp)	Motor FLA (amps)	Min (amps)	Code max (amps)	Heavy start (amps)
	0.167	4.4	9	15	15
115 Vac, 1-phase	0.25	5.8	12	20	20
115 vac, 1-pilase	0.33	7.2	15	25	25
	0.50	9.8	30	30	30
	0.17	2.2	4.5	10	10
	0.25	2.9	6	10	10
	0.33	3.6	7	15	15
230 Vac, 1-phase	0.50	4.9	10	15	15
	0.75	6.9	15	25	25
	1	8	25	25	30
	1.5	10	30	30	30
	0.50	2.5	5	10	10
•	0.75	3.7	7.5	15	15
200 Vac, 3-phase	1	4.8	10	15	15
	1.5	6.9	15	25	25
	2	7.8	25	25	30
	0.50	2.4	5	10	10
208 Vac, 3-phase	0.75	3.5	7	15	15
	1	4.6	10	15	15
	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
230 Vac, 3-phase	1.5	6	12	20	20
230 Vac, 3-phase	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
460 Vac, 3-phase	1.5	3	6	10	12
•	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
F7F.V 0 '	1.5	2.4	5	10	10
575 Vac, 3-phase	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, Bussmann series Class CF (Class J electrical performance) fuses are recommended. See CCP_CF with CUBEFuseTM.

1-, 2- and 3-Pole — Class CF

Description:

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

Specifications:

Ratings

Volts

- 600 Vac
- 125Vdc (up to 80A max)

Amps

· 30, 60, 100A

SCCR

- 200 kA AC
- 100 kA DC (up to 80A max)

Poles

• 1-, 2-, 3-pole

Agency information

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

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 fork terminal suitable for line, load or accessory connection

Torque: 0-60A: - 18-10AWG 20 Lb-In

- 8-6AWG 35Lb-In

- 4AWG 35 Lb-In

70-100A: - 18-10AWG single 25 Lb-In

- 8-1AWG single 40 Lb-In

- 6AWG dual 45 Lb-In

Fuses

- Uses finger-safe Class CF Bussmann series CUBEFuse with Class J performance
- Bussmann series Low-Peak™ dual-element, time-delay*
 - Non-indicating 1-100A
 - Indicating 6-100A
- · Fast-acting, non-indicating 1-100A**
- * See data sheet No. 9000.
- **See data sheet No. 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 Division publication titled Selecting Protective Devices (SPD) No. 3002.

Flammability rating

UL 94V0

Lockout/tagout provisions

· 4mm shank lock

Mounting

· 35mm DIN-Rail

Local open fuse indication minimum voltage[†]

- 90V
- † 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
- Bussmann series 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 Bussmann series CUBEFuse amp ratings greater than switch rating
- · High Short-Circuit Current Ratings at 200 kA
- · Disconnect rated to provide means for load isolation
- · Full voltage rated at 600 Vac
- 125Vdc rated up to 80A max
- 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 Bussmann series CUBEFuse
- IP20 finger-safe construction with 10AWG (6mm²) wire or larger
- Built-in switch interlock capability prohibits removing the fuse under load
- · Padlockable handle for lockout/tagout procedures

Catalog numbers:

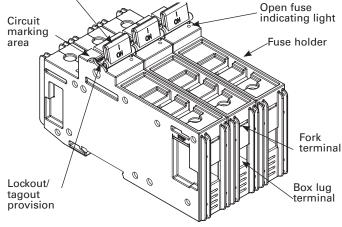
	UL				Max ho	rsepow	er rating	(Vac)*				
Amp rating	fuse class	No. of poles	Volts	SCCR	120	240	480	600	Wire size/ torque**	Wire type	Catalog number	Agency information
30	CF	1	600 Vac	200 kA	1.5						CCP-1-30CF	UL 98 Listed, cULus 22.2, No. 4-04
30	CF	1	125Vdc	100 kA	1.5	_	_	_	Single/Dual		CCP-1-30CF	OL 98 Listed, COLUS 22.2, NO. 4-04
30	CF	2	600 Vac	200 kA		3			18-6AWG Sol/Str		CCP-2-30CF	UL 98 Listed, cULus 22.2, No. 4-04
30	CF	2	125Vdc	100 kA	_	3	_	_			CCP-2-30CF	OL 98 Listed, COLus 22.2, No. 4-04
30	CF	3	600 Vac	200 kA	_	5	15	10	- - Single		CCP-3-30CF	UL 98 Listed, cULus 22.2, No. 4-04
60	CF	1	600 Vac	200 kA	. 3				4AWG Sol/Str		CCP-1-60CF	UL 98 Listed, cULus 22.2, No. 4-04
60	CF	ı	125Vdc ^{††}	100 kA	3	_	_	_	4AVVG 301/3t1		OL 96 Listed, COLUS 22.2, NO. 4-04	
60	CF	2	600 Vac	200 kA		7.5			-	75°C Cu	CCP-2-60CF	UL 98 Listed, cULus 22.2, No. 4-04
60	CF	2	125Vdc ^{††}	100 kA	<i>–</i> 7.5 <i>–</i>		_	_	Spade Terminal [†]	or higher	CCF-2-60CF	OL 96 Listed, COLus 22.2, No. 4-04
60	CF	3	600 Vac	200 kA	_	7.5	20	15	_		CCP-3-60CF	UL 98 Listed, cULus 22.2, No. 4-04
100	CF	1	600 Vac	200 kA	- 5				Single	-	CCP-1-100CF	UL 98 Listed, cULus 22.2, No. 4-04
100	CF	ı	125Vdc ^{†††}	100 kA	5	_	_	_	8-10AWG Sol/Str		CCF-1-100CF	OL 96 Listed, COLus 22.2, No. 4-04
100	0.5	_	600 Vac	200 kA		4.0			8-1AWG Str		0000 10005	
100	CF	2	125Vdc ^{†††}	100 kA	_	10	_	_	Dual 6AWG Str		CCP-2-100CF	UL 98 Listed, cULus 22.2, No. 4-04
100	CF	3	600 Vac	200 kA	_	20	50	40	Spade Terminal [†]		CCP-3-100CF	UL 98 Listed, cULus 22.2, No. 4-04

- * With time-delay Bussmann series Low-Peak CUBEFuse.
- ** 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
- † Fork terminal with a 4.3mm gap for a #8-32 stud, 30A max, insulated flange, wire size 12-10AWG.
- †† Up to 40A max.
- ††† Up to 80A max.

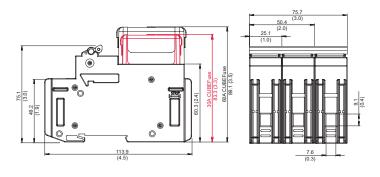
Available Bussmann series fuses:

Fuse class	Type/description	Data sheet No.
CF	Low-Peak time-delay, current limiting 600 Vac/300Vdc	9000
CF	UPS/fast-acting 600 Vac/dc	2147

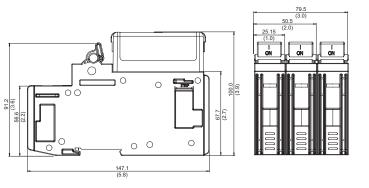
Switch handle (ganged on 2- and 3-pole versions)



Dimensions – mm (in) 30 and 60A CUBEFuse CCP



100A CUBEFuse CCP



Motor sizing table:

Bussmann series TCF Low-Peak™ time-delay Class CF fuses

			Optimal	Code	Heavy
Maltana	Motor	Motor	protection	max	start
Voltage	size (Hp)	FLA (amps)	(amps)	(amps)	(amps)
	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
115 Vac, 1-phase	0.75	13.8	25	25	30
115 Vac, 1-phase	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
	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
230 Vac,1-phase	1	8	15	15	17.5
200 vac, i pilasc	1.5	10	15	20	20
	2	12	20	25	25
	3	17	25	30	35
	5	28	45	50	60
	7.5	40	60	N/A	N/A
	10**	50	80	90	N/A
	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
200 Vac, 3-phase	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
	0.5	2.4	6	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
208 Vac, 3-phase	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)
	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
230 Vac, 3-phase	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
	0.5	1.1	3	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
400 Van 2 mhann	3	4.8	10	10	10
460 Vac, 3-phase	5	7.6	15	15	15
	7.5	11	17.5	20	20
	10	14	25	25	30
	15	21	35	40	45
	20	27	40	50	60
	50**	65	100	N/A	N/A
	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
E7E Voc. 2 mboos	2	2.7	6	6	6
575 Vac, 3-phase	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 5 A
- · Rated voltage 240 Vac
- NC/NO contacts are closed/open when the CCP switch is in the "ON" position (closed)
- Flammability rating UL 94V0

Agency information

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

Wiring

- 20-16AWG (0.5 to 1.5mm²) 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

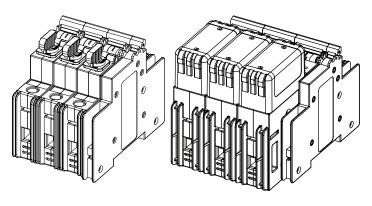
- 1-60 A, CCP-AUX
- 70-100 A, CCP-AUX-100

Description	Max per CCP	Signal output	Agency information	Catalog no.
Auxiliary Contacts NO+NC for Switch Status up to 60A	1 per CCP (1-, 2- or 3-pole)	5A/240 Vac	UL 98 Recognized, cURus 22.2 No. 4-04, IEC 60947-5- 1 AC-15	CCP-AUX
Auxiliary Contacts NO+NC for Switch Status 70 to 100A	1 per CCP (1-, 2- or 3-pole)	5A/240 Vac	UL 98 Recognized, CSA C22.2 No. 4-04	CCP-AUX-100

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

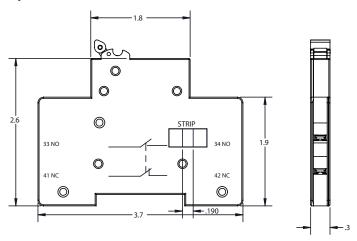
Installed on a CCP-3-xx

Up to 60A CCP 70 to 100A CCP

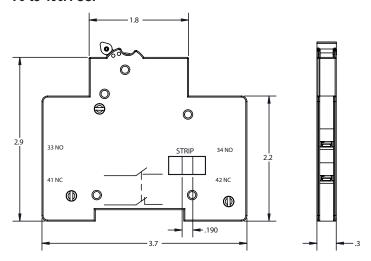


Dimensions - mm (in)

Up to 60A CCP



70 to 100A CCP



PLC fuse monitor:

Description:

A resettable threephase 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 Recognized, File E155130, Guide WHTY2
- · cULus to CSA, Standard 22.2 No. 4-04

Emissions and immunity testing

- · Electrostatic discharge, IEC 61000-4-2
- · Electrical fast transient/burst, IEC 6100-4-4
- Surge immunity, IEC 61000-4-5

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 (0.34-0.25mm2) 300V rated wire

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 100 Vac/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

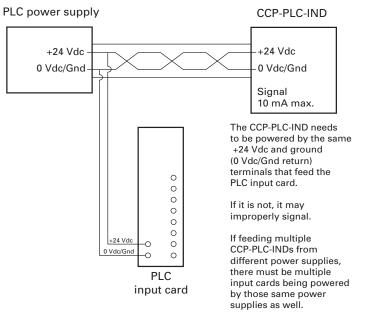
- 1-60 A, CCP-PLC-IND
- 70-100 A, CCP-PLC-100

Description	Max per CCP	Signal output to PLC	Min. circuit Volts	Agency information	Catalog no.
Wired remote fuse indication for PLC applications	1 per			UL 98	CCP-PLC-IND
up to 60A Wired remote fuse	CCP (1, 2- or 3-pole)	24Vdc/ 10mA	100 Vac	Recognized, cURus 22.2 No. 4-04	
indication for PLC applications 70 to 100A					CCP-PLC-100

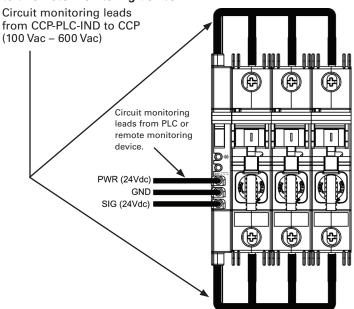
De-energize all circuits before installing or removing any CCP-PLC-IND devices and follow all prescribed safety procedures.

Effective March 2018

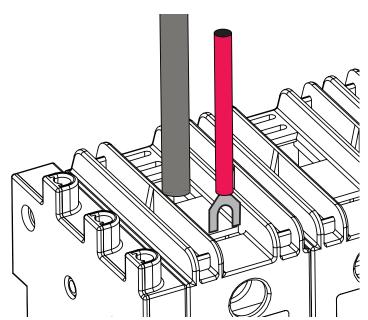
PLC wiring schematic:



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



Connection from CCP-PLC-IND to CCP

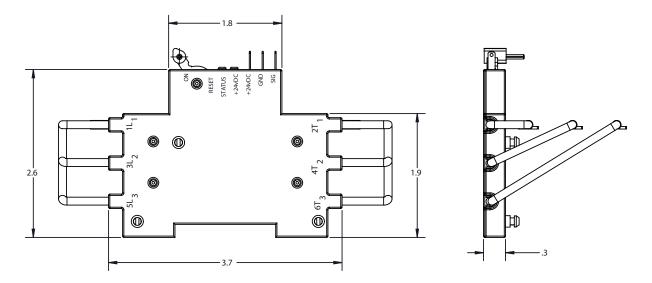


Connect leads from CCP-PLC-IND to the terminals as shown. There is a dedicated terminal on the CCP to accept the spade connectors from the CCP-PLC-IND.

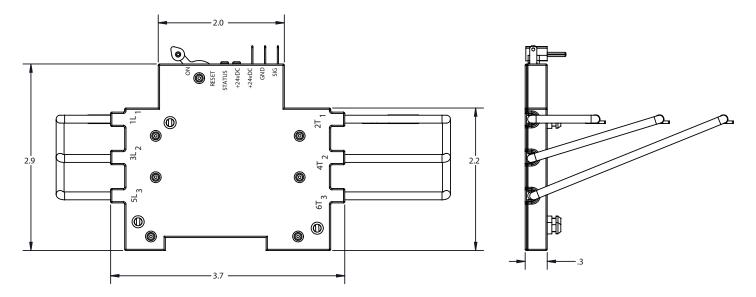
NOTE: When monitoring a 1-or 2-pole CCP, trim unused leads.

Dimensions - mm (in)

Up to 60A CCP



70 to 100A CCP



Compact Circuit Protector (CCP) UL Class CC, CF (CUBEFuse), midget and IEC 10x38mm fused disconnect switches

The only controlled copy of this data sheet is the electronic read-only version located on the Eaton network drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

1000 Eaton Boulevard Cleveland, OH 44122 United States Eaton.com

Bussmann Division 114 Old State Road Ellisville, MO 63021 United States Eaton.com/bussmannseries

© 2018 Eaton All Rights Reserved Printed in USA Publication No. 1157 - BU-SB15192 March 2018

Eaton, Bussmann, CUBEFuse and Low-Peak are valuable trademarks of Eaton in the US and other countries. You are not permitted to use the Eaton trademarks without prior written consent of Eaton.

CSA is a registered trademark of the Canadian Standards Group UL is a registered trademark of the Underwriters Laboratories, Inc.

For Eaton's Bussmann series product information, call 1-855-287-7626 or visit: Eaton.com/bussmannseries

Follow us on social media to get the latest product and support information.











