

CCPLP UL 98 Listed low profile Compact Circuit Protector

The revolutionary Bussmann series low profile Compact Circuit Protector (CCPLP) is a UL 98/508 Listed fused disconnect switch. This front panel mount switch is available in 1-, 2- and 3-pole versions, and has the smallest footprint of any fused disconnect switch. It features an SCCR up to 200 kA to help improve equipment SCCR.



Four fuse types

The CCPLP is available for UL Class CC and G, UL supplemental (13/32" x 1-1/2") and IEC 10x38 mm fuses.

Class CC and G versions are easily selectively coordinated with the upstream Bussmann series CUBEFuse™ using published fuse ampacity ratio tables.

Design/application flexibility

The CCPLP is easily integrated into many panel designs and provides a high SCCR alternative to low profile circuit breakers on the market.

Ratings

- Volts
 - 600 Vac (Class CC up to 30 A, Class G 20 A)
 - 550 Vac (10x38mm IEC Class aM 0.16-16 A)
 - 500 Vac (10x38mm IEC Class gG 0.5-25 A)
 - 400 Vac (10x38mm IEC Class aM 20-32 A, gG 32 A)
 - 240 Vac (13/32" x 1-1/2" UL supplemental 30 A)
- Amps
 - Up to 30 A (UL)
 - Up to 32 A (IEC)
- SCCR
 - 200 kA (Class CC)
 - 120 kA (10x38mm IEC Class gG and aM)
 - 100 kA (Class G)
 - 10 kA (13/32" x 1-1/2" UL supplemental)
- Frequency 50/60 Hz
- Impulse voltage 8 kV

Terminals and conductors 75°C/90°C Cu

- Screw terminal, 10-32 phil-slot screw with external tooth lock washer (use with properly rated/UL Listed ring or fork terminal)
- Pressure plate terminal, 10-32 phil-slot screw (single 22-6 AWG solid or stranded)

Ambient storage and operating temperature

- -20 to 90°C, 85% relative humidity, non-condensing

Data sheet no.10372

Poles

1-, 2- and 3-pole factory configured*

* 2- and 3-pole versions supplied as ganged switches with phase barriers.

Agency information

- Class G fuse versions
 - UL 98 Listed, Guide WHTY, File E302370
 - IEC 60947-3 AC-23A
- Class CC fuse versions
 - UL 98 Listed, Guide WHTY, File E302370
 - cULus to Canadian Standard 22.2 No. 4-04, Guide WHTY7, File E302370
 - IEC 60947-3 AC-23A
- UL supplemental and IEC 10x38mm fuse versions
 - UL 508 Listed, Guide NRNT, File E320230
 - cULus Listed to Canadian Standard 22.2 No. 14-05, Guide NRNT7, File E320230
 - IEC 60947-3 AC-23A
- RoHS compliant
- CE

Safety

- Finger-safe IP20 from panel front

Mounting

- Front panel mounting with customer supplied M3 screws

Open fuse indication*

- Local open fuse indication provided for each pole by an orange neon lamp (minimum 90 V)

* Open fuse indication requires an energized, closed circuit with an open fuse in the CCPLP and the switch in the ON position.

Lockout/tagout provision

- Brady pin-out device, part number 90844

Circuit labeling provision

- Accepts up to two universal marker labels, catalog number TM26CB

Carton quantity

- 12 poles (1-pole: 12 units, 2-pole: 6 units, 3-pole: 4 units)

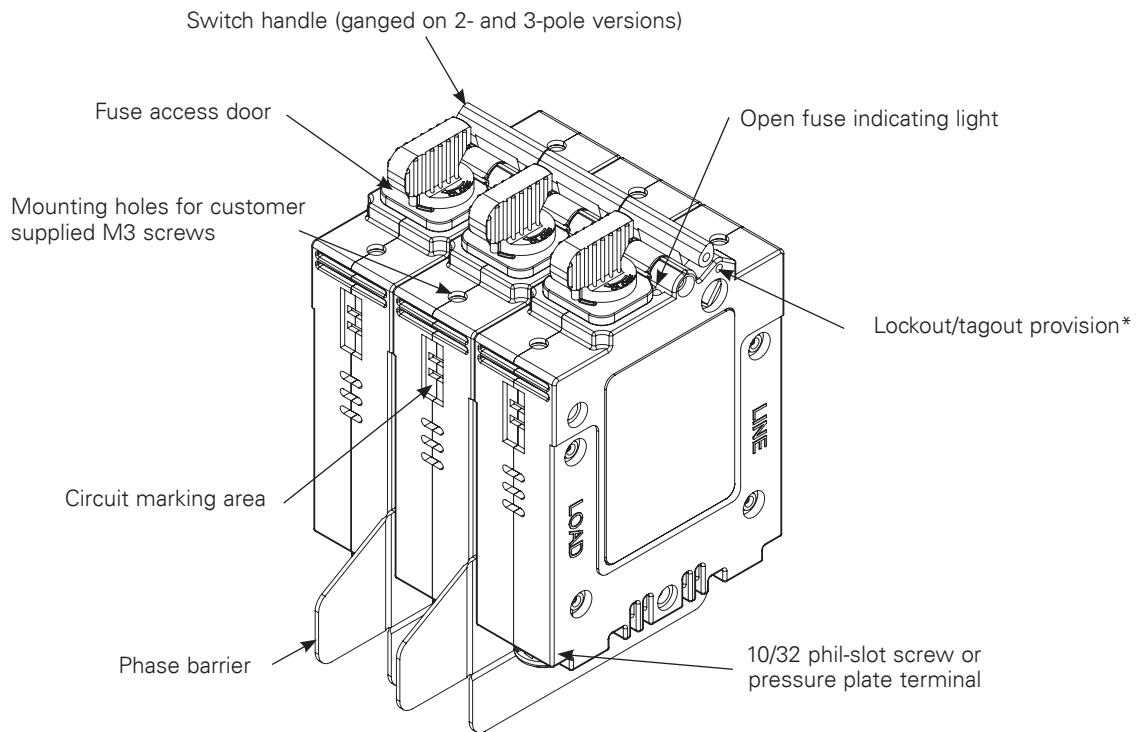
Minimum enclosure size

- 6" x 6" x 4" per UL 98 Listing

Available CCPLP versions

Catalog no.		Poles	Volts AC	Amps	SCCR (kA)	Horsepower (Vac)			
Screw terminal	Pressure plate terminal					120	240	480	600
UL Class G fuse									
CCPLP-1-20G-S	CCPLP-1-20G-P	1	600	20	100	—	—	—	—
CCPLP-2-20G-S	CCPLP-2-20G-P	2				—	—	—	—
CCPLP-3-20G-S	CCPLP-3-20G-P	3				—	—	—	—
UL Class CC fuses									
CCPLP-1-30CC-S	CCPLP-1-30CC-P	1	600	30	200	0.5	—	—	—
CCPLP-2-30CC-S	CCPLP-2-30CC-P	2				—	2	—	—
CCPLP-3-30CC-S	CCPLP-3-30CC-P	3				—	3	4	7.5
UL 13/32" x 1-1/2" midget fuses									
CCPLP-1-30M-S	CCPLP-1-30M-P	1	240	30	10	—	—	—	—
CCPLP-2-30M-S	CCPLP-2-30M-P	2				—	—	—	—
CCPLP-3-30M-S	CCPLP-3-30M-P	3				—	—	—	—
IEC 10x38 gG and aM fuses									
CCPLP-1-30M-S	CCPLP-1-30M-P	1	gG fuses: up to 25 A @ 500 V 32 A @ 400 V		120	—	—	—	—
CCPLP-2-30M-S	CCPLP-2-30M-P	2				aM fuses: up to 16 A @ 550 A 20-23 A @ 400V	120	—	—
CCPLP-3-30M-S	CCPLP-3-30M-P	3			120	—	—	—	

Disconnect switches



* Use Brady pin-out device, P/N 90844

Available Bussmann series fuses

Fuse class	Catalog symbol
CC	FNQ-R, KTK-R, LP-CC
G	SC
M	BAF, FNM, FNQ, KLM, KTK
gG	C10G
aM	C10M