

Low Profile Compact Circuit Protector



Industry's smallest fused disconnect offers superior circuit protection



Fused switch with IP20 finger-safe design delivers up to 200kA SCCR in the most compact footprint.

Product description:

Eaton's Bussmann® series Low Profile Compact Circuit Protector (CCPLP) is the smallest fused UL 98 switch in the electrical industry and can be panel mounted in a variety of applications.

What's more, the CCPLP can help to easily achieve selective coordination of the electrical distribution system, ensuring reliable power and maximizing uptime.

Available in 20A for Class G, 30A Class CC, IEC 10x38mm up to 32A and UL midget versions, all in 1-, 2- and 3-pole, this versatile fused disconnect switch is able to reject other class fuses while providing the flexibility to change ampacity within the fuse class, if needed.

Features and benefits:

- The CCPLP is a drop-in replacement for low profile, panel-mount circuit breakers, while providing more than 10X the interrupting rating.
- Front, panel-mount design easily integrates into small enclosures and rack PDUs.
- 100kA Short-Circuit Current Rating (SCCR) with Bussmann series SC-20 fuses and 200kA with Bussmann series Class CC fuses helps provide a high assembly SCCR.
- 600Vac rated fusible disconnect eases achieving selective coordination.
- Switch/fuse access door interlock helps prevent fuse removal while energized.
- Open fuse indication light speeds troubleshooting.



CCPLP easily integrates into many designs that require a compact footprint.



Powering Business Worldwide

Specifications

Conductors and terminals:

- 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 22-6AWG solid or stranded

Ambient storage and operating temperature:

- -20°C to 75°C, 85% relative humidity non-condensing

Flammability rating:

- UL 94 V2

Poles:

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

Open fuse indication*:

- Local open fuse indication provided by an orange neon lamp on each pole, minimum voltage 90Vac

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

Mounting:

- Front panel mounting with customer supplied M3 screws

Agency information:

- Finger-safe IP20 from panel front
- CE compliant
- RoHS compliant
- For Class G fuse versions
 - UL 98 Listed, File E302370, Guide WHTY
 - IEC 60947-3 AC-23A

- For Class CC fuse versions
 - UL 98 Listed, File E302370, Guide WHTY
 - cULus to CSA Standard 22.2 No. 4-04, File E302370, Guide WHTY7
 - IEC 60947-3 AC-23A
- For UL midget and 10x38 IEC fuse versions
 - UL 508 Listed, File E320230, Guide NRNT
 - cULus Listed to CSA 22.2 No. 14-05, File E320230, Guide NRNT7
 - IEC 60947-3 AC-23A

Catalog numbers:

Class G 20A fuses

Catalog number					
Screw terminal	Pressure plate terminal	Poles	Volts AC	Amps	SCCR (kA)
CCPLP-1-20G-S	CCPLP-1-20G-P	1	600	20	100
CCPLP-2-20G-S	CCPLP-2-20G-P	2	600	20	100
CCPLP-3-20G-S	CCPLP-3-20G-P	3	600	20	100

Class CC fuses

Catalog number						Horsepower rating (Vac)			
Screw terminal	Pressure plate terminal	Poles	Volts AC	Max amps	SCCR (kA)	120	240	480	600
CCPLP-1-30CC-S	CCPLP-1-30CC-P	1	600	30	200	0.5	—	—	—
CCPLP-2-30CC-S	CCPLP-2-30CC-P	2	600	30	200	—	2	—	—
CCPLP-3-30CC-S	CCPLP-3-30CC-P	3	600	30	200	—	3	4	7.5

13/32"x1-1/2" UL midget fuses

Catalog number					
Screw terminal	Pressure plate terminal	Poles	Volts AC	Max amps	SCCR (kA)
CCPLP-1-30M-S	CCPLP-1-30M-P	1	240	30	10
CCPLP-2-30M-S	CCPLP-2-30M-P	2	240	30	10
CCPLP-3-30M-S	CCPLP-3-30M-P	3	240	30	10

10x38 IEC Class gG and aM fuses

Catalog number			Fuse class	SCCR (kA)
Screw terminal	Pressure plate terminal	Poles	Volts AC (amp range)	
CCPLP-1-30M-S	CCPLP-1-30M-P	1	gG: 500 (0-25) / 400 (32), aM: 550 (0-16) / 400 (20-32)	120
CCPLP-2-30M-S	CCPLP-2-30M-P	2	gG: 500 (0-25) / 400 (32), aM: 550 (0-16) / 400 (20-32)	120
CCPLP-3-30M-S	CCPLP-3-30M-P	3	gG: 500 (0-25) / 400 (32), aM: 550 (0-16) / 400 (20-32)	120

Available Bussmann series fuses:

Class	Fuse
CC	LP-CC, FNQ-R, KTK-R
G	SC-20
UL midget	FNM, FNQ, KTK, BAF, KLM
IEC 10x38mm	C10G (gG), C10M (aM)

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