

## 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 (CCPL) is the smallest fused UL® 98 disconnect 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.

The CCPLP is available in 20A Class G, 30A Class CC, up to 32A IEC® 10x38mm and 30A UL midjet, 1-, 2- and 3-pole versions. The Class G and CC disconnect switches reject other class fuses.

### Features and benefits:

- The CCPLP is a drop-in replacement for most 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 equipment SCCR.
- 600Vac rated fusible disconnect eases achieving selective coordination.
- Switch/fuse access door interlock helps prevent fuse removal while energized.
- Open fuse indication speeds troubleshooting.



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



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## 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 |                         | Poles | Volts AC | Amps | SCCR (kA) |
|----------------|-------------------------|-------|----------|------|-----------|
| Screw terminal | Pressure plate terminal |       |          |      |           |
| 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 |                         | Poles | Volts AC | Max amps | SCCR (kA) | Horsepower rating (Vac) |     |     |     |
|----------------|-------------------------|-------|----------|----------|-----------|-------------------------|-----|-----|-----|
| Screw terminal | Pressure plate terminal |       |          |          |           | 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 |                         | Poles | Volts AC | Max amps | SCCR (kA) |
|----------------|-------------------------|-------|----------|----------|-----------|
| Screw terminal | Pressure plate terminal |       |          |          |           |
| 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 |                         | Poles | Fuse class<br>Volts AC (amp range)                      | SCCR (kA) |
|----------------|-------------------------|-------|---|-----------|
| Screw terminal | Pressure plate terminal |       |   |           |
| 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                | Class       | Fuse                    |
|-------|---------------------|-------------|-------------------------|
| CC    | LP-CC, FNQ-R, KTK-R | UL midget   | FNM, FNQ, KTK, BAF, KLM |
| G     | SC-20               | IEC 10x38mm | C10G (gG), C10M (aM)    |



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