

Disconnect switches

Compact Circuit Protector Base (CCPB) with CUBEFuse™



RoHS

The revolutionary Eaton CCPB with CUBEFuse™ is designed as a fused branch circuit disconnect with fuse holder for the Bussmann series Quik-Spec™ Coordination Panelboard. The CCPB with CUBEFuse simplifies selective coordination and allows for isolation of individual branch circuit loads for safe work practices.

Product features and benefits

- Uses finger-safe Class CF Low-Peak™ CUBEFuse with current-limiting, time-delay Class J performance*
- High short-circuit current ratings at 200kA
- Disconnect rated to provide means for load isolation
- Full voltage rated at 600Vac
- UL 98 Listed and suitable for branch circuit disconnect and branch circuit protection
- 1-, 2- and 3-pole versions are horsepower rated
- Patented rejection feature helps prevent overfusing
- Complies with UL and cULus
- Open fuse indication light per pole
- Additional open fuse indication can be provided by using the indicating CUBEFuse version
- Built-in switch/fuse interlock prohibits removing the fuse while energized
- Permanent lockout/tagout provisions

*See data sheet 9000 for CUBEFuse specifications.

**For fuse performance under or above 25°C, consult fuse performance derating charts.

Specifications:

- CCPB ampacity rejection breaks: 15A, 20A, 30A, 40A, 50A, 60A, 70A, 90A and 100A.
- 1-, 2- and 3-pole versions
- For systems 600Vac (or less)
- Box lug loadside terminal:
 - 18-6AWG single & dual rated, solid or stranded – 75°C, Cu only
 - 4AWG single – 75°C, Cu only
- Box lug loadside terminal torque: 18-10AWG 20 Lb-In (2.2 N•m), 8-4AWG 35 Lb-In (3.9 N•m)
- Spade terminal load connection:
 - Max. 30A suitable for use with #8-32UNC screw
- Bolt-on style bus connector, #10-32-UNC Hex flange Phillips screw, torque to 25 Lb-In (2.8N•m)
- Lockout/tagout: 4mm shank lock
- Bolt-mounted design into Quik-Spec Coordination Panelboard bus
- Local indication: illumination requires closed circuit and minimum 90Vac operating voltage
- RoHS compliant

Agency information:

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

Shipping weight: 2.03 lbs per carton

Carton quantity: 6 poles

Environmental data

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

Technical Ratings

| CCPB part numbers | Poles | Voltage rating | CUBEFuse™ (Class J performance) | | | Max. fuse** ampacity | SCCR | Hp ratings*** |
|-------------------|-------|-------------------|------------------------------------------------|------------------------|------------------------------------------------|----------------------|-------|--------------------------------------|
| | | | Time-delay non-indicating | Time-delay indicating* | Fast-acting non-indicating | | | |
| CCPB-1-15CF | 1 | 600Vac 125Vdc | TCF1RN, TCF3RN, TCF6RN, TCF10RN, TCF15RN | TCF6, TCF10, TCF15 | FCF1RN, FCF3RN, FCF6RN, FCF10RN, FCF15RN | 15A | 200kA | 0.5Hp@120V |
| CCPB-2-15CF | 2 | | | | | | | 1.5Hp@240V |
| CCPB-3-15CF | 3 | | | | | | | 3Hp@240V 5Hp@480V 7.5Hp@600V |
| CCPB-1-20CF | 1 | 600Vac 125Vdc | TCF17-1/2RN, TCF20RN | TCF17-1/2, TCF20 | FCF20RN | 20A | 200kA | 0.75Hp@120V |
| CCPB-2-20CF | 2 | | | | | | | 2Hp@240V |
| CCPB-3-20CF | 3 | | | | | | | 3Hp@240V 7.5Hp@480V 10Hp@600V |
| CCPB-1-30CF | 1 | 600Vac 125Vdc | TCF25RN, TCF30RN | TCF25, TCF30 | FCF25RN, FCF30RN | 30A | 200kA | 1.5Hp@120V |
| CCPB-2-30CF | 2 | | | | | | | 3Hp@240V |
| CCPB-3-30CF | 3 | | | | | | | 5Hp@240V 15Hp@480V 10Hp@600V |
| CCPB-1-40CF | 1 | 600Vac 125Vdc | TCF35RN, TCF40RN | TCF35, TCF40 | FCF35RN, FCF40RN | 40A | 200kA | 2.0Hp@120V |
| CCPB-2-40CF | 2 | | | | | | | 3Hp@240V |
| CCPB-3-40CF | 3 | | | | | | | 7.5Hp@240V 20Hp@480V 10Hp@600V |
| CCPB-1-50CF | 1 | 600Vac 24Vdc | TCF45RN, TCF50RN | TCF45, TCF50 | FCF45RN, FCF50RN | 50A | 200kA | 3.0Hp@120V |
| CCPB-2-50CF | 2 | | | | | | | 5Hp@240V |
| CCPB-3-50CF | 3 | | | | | | | 7.5Hp@240V 20Hp@480V 10Hp@600V |
| CCPB-1-60CF | 1 | 600Vac 24Vdc | TCF60RN | TCF60 | FCF60RN | 60A | 200kA | 3.0Hp@120V |
| CCPB-2-60CF | 2 | | | | | | | 7.5Hp@240V |
| CCPB-3-60CF | 3 | | | | | | | 7.5Hp@240V 20Hp@480V 10Hp@600V |
| CCPB-1-70CF | 1 | 600Vac 125Vdc | TCF70RN | TCF70 | FCF70RN | 70A | 200kA | 3.0Hp@120V |
| CCPB-2-70CF | 2 | | | | | | | 7.5Hp@240V |
| CCPB-3-70CF | 3 | | | | | | | 15Hp@240V 30Hp@480V |
| CCPB-1-90CF | 1 | 600Vac 125Vdc† | TCF90RN | TCF90 | FCF80RN, FCF90RN | 90A | 200kA | 5.0Hp@120V |
| CCPB-2-90CF | 2 | | | | | | | 10Hp@240V |
| CCPB-3-90CF | 3 | | | | | | | 20Hp@240V 40Hp@480V |
| CCPB-1-100CF | 1 | 600Vac 24Vdc | TCF100RN | TCF100 | FCF100RN | 100A | 200kA | 5.0Hp@120V |
| CCPB-2-100CF | 2 | | | | | | | 10Hp@240V |
| CCPB-3-100CF | 3 | | | | | | | 20Hp@240V 50Hp@480V |

*1A and 3A indicating CUBEFuse not available. Correct fit with CCPB disconnect requires indicating CUBEFuse with date code R38 or later.

**Any fuse with an amp rating less than or equal to the max fuse rating may be used. Example: TCF15 may be used with CCPB-1-20CF.

***Do not use UPS/Critical Application fast-acting CF with motors.

†Up to 80 amps. >80A rated 24Vdc.

