

## CUBEFuse™ Compact Circuit Protector Base (CCPB)



### Product description:

The revolutionary Bussmann® series Compact Circuit Protector Base (CCPB) with Bussmann series CUBEFuse™ is designed as a fused branch circuit disconnect switch for the Bussmann series Quik-Spec™ Coordination Panelboard. The CCPB with CUBEFuse simplifies selective coordination and lockout/tagout provisions allow for isolation of individual branch circuit loads for safe work practices.

### Features and benefits:

- Uses finger-safe, current-limiting Bussmann series UL® Class CF CUBEFuse with Class J performance available, time-delay or fast-acting versions from 1 to 100 amps\*
- Patented ampacity rejection feature helps prevent overfusing
- High 200kA short-circuit current ratings
- Disconnect rated to provide means for load isolation
- All versions are full voltage rated at 600 Vac
- 125Vdc rated for 80 A and below
- UL 98 Listed and suitable for branch circuit disconnect
- 1-, 2- and 3-pole versions are horsepower rated
- Listed to UL and cULus
- Open fuse indication light per pole
- Additional open fuse indication can be provided by using the time-delay indicating CUBEFuse version (6-100 A only)
- Built-in switch/fuse interlock prohibits fuse removal while energized
- Permanent lockout/tagout provisions
- Lock-ON provision available when used in the Bussmann series Quik-Spec™ Coordination Panelboard (QSCP)

\* See data sheet No. 9000 for time-delay CUBEFuse and data sheet No. 2147 for fast-acting CUBEFuse specifications.

**Specifications:**

**Switch ampacity and rejection breaks**

- 15, 20, 30, 40, 50, 60, 70, 90 and 100 A

**Poles**

- 1-, 2- and 3-pole versions

**Volts**

- 600Vac (or less)
- 125Vdc (15, 20, 30, 40, 70 and 90 A switches with ≤ 80 A fuse)

**Agency information**

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

**Terminals**

**Lineside bolt-on bus connector and torque**

- Bolt-mounted design into Quik-Spec Coordination Panelboard bus
- #10-32-UNC Hex flange Phillips screw; 25 Lb-In (2.8 N•m)

**Loadside box lug terminal and torque**

- 15-60A:
  - 18 to 10AWG (1 to 6mm<sup>2</sup>) single or dual rated (same size wire), solid or stranded – 75°C or higher - Cu only; 20 Lb-In (3.4 N•m)
  - 8 to 6AWG (10 to 16mm<sup>2</sup>) single or dual rated (same size wire), solid or stranded – 75°C or higher - Cu only; 35 Lb-In (5.8 N•m)
  - 4AWG (25mm<sup>2</sup>) single – 75°C or higher - Cu only; 35 Lb-In (5.8 N•m)
- 100A:
  - 18 to 10AWG (1 to 6mm<sup>2</sup>) single, solid or stranded – 75°C or higher - Cu only; 25 Lb-In (2.82 N•m)
  - 8 to 1AWG (10 to 45mm<sup>2</sup>) single stranded – 75°C or higher - Cu only; 40 Lb-In (4.52 N•m)
  - 6AWG (16mm<sup>2</sup>) dual stranded (same size wire) – 75°C or higher Cu only; 45 Lb-In (5.08 N•m)

**Loadside fork terminal**

- Max. 30A suitable for use with #8-32UNC screw

**Lockout/tagout**

- 4mm shank lock

**Local open fuse indication**

- Light illumination requires closed circuit and minimum 90V operating voltage

**Shipping weight**

- 2.03 lbs per carton

**Carton quantity**

- 6 poles

**Environmental data**

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

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

