

## CUBEFuse™ safety switch



# Better safety and application versatility



Finger-safe components significantly enhance safety by helping to reduce accidental contact with live parts.

### Product description:

Eaton's Bussmann® series CF heavy duty 600Vac safety switch is UL® 98 Listed and features a Short-Circuit Current Rating (SCCR) up to 200kA AC. It is available up to 100A in NEMA® 1, 3R, 12, and 4X enclosures.

Utilizing the finger-safe class CF CUBEFuse™, the Bussmann series safety switch is horsepower rated for use in motor applications, and is suitable for service entrance use with a neutral kit.

Additional features include a lineside shield and red flange handle that accommodates up to three padlocks to facilitate lockout/tagout procedures during maintenance.

### Features and benefits:

- Finger-safe, current-limiting CUBEFuse design provides a safer environment for personnel by helping to prevent exposure to live parts and reducing arc flash hazard levels.
- Dual interlock door helps prevent access by unauthorized personnel inside the enclosure when the system is energized.
- A visible double break, quick-make/quick-break rotary blade mechanism provides visual confirmation of switch ON/OFF status.
- Optional viewing window provides visual confirmation that switch contacts have operated and the ability to view fuse indication \*indicating time-delay CUBEFuse only 6-100A without opening the switch door.



Indicating time-delay CUBEFuse.

\* Indication time-delay CUBEFuse only 6-100A.

## Specifications

### Ratings:

- Heavy duty
- Volts
  - 600Vac/250Vdc
- Amps
  - 30, 60 and 100A
- SCCR
  - 200kA AC
  - 10kA DC

### Agency information:

- UL 98 standard for enclosed dead front switches
- UL 50 standard for enclosures for electrical equipment
- NEMA KS-1
- UL Listed, File E5239-G
- cUL Listed, C22.2 No.4-M89

### Maximum horsepower ratings

Amp rating	Fuse type (performance/Class)	Single-phase		Three-phase	
		480Vac	600Vac	480Vac	600Vac
30	CUBEFuse (Class CF*)	7 1/2	10	15	20
60	CUBEFuse (Class CF*)	20	25	30	50
100	CUBEFuse (Class CF*)	30	40	60	75

\*Class J electrical performance, Eaton recommends using Bussmann series time-delay CUBEFuse for motor circuits.

### Enclosures:

- NEMA 1
- NEMA 3R
- NEMA 12
- NEMA 4X stainless

### Options and accessories:

- Viewing window
- Neutral kit<sup>1</sup>
- Auxiliary contacts<sup>2</sup>

### Fuses (order separately):

- Time-delay Class CF CUBEFuse
  - Indicating (TCF\_)
  - Non-indicating (TCF\_RN)
- Fast-acting Class CF CUBEFuse
  - Non-indicating (FCF\_RN)

### Applications:

- Commercial and industrial buildings
- Manufacturing facilities
- Healthcare facilities
- Educational campuses
- HVAC

### For more information see data sheets:

- Safety switch (No. 1156)
- Time-delay CUBEFuse (No. 9000)
- Fast-acting CUBEFuse (No. 2147)

<sup>1</sup>Neutral kit for service entrance use.

Catalog numbers:

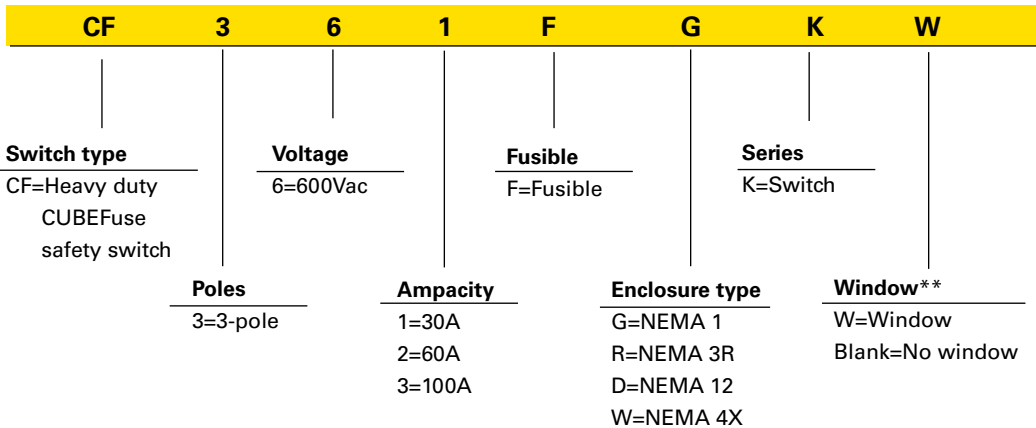
- DH030NKB (30A and 60A)
- DH100NKB (100A)

<sup>2</sup>Auxiliary contact kit for remote indication.

Catalog numbers:

- DS200EK1B (1NO/1NC)
- DS200EK2B (2NO/2NC)

## CUBEFuse safety switch catalog numbering system



\*\*Only available with NEMA 12 and 4X stainless enclosures.

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