

UPS & Critical Application Fast-Acting CUBEFuse™ Finger-safe Fuse

FCF Class CF Fuse



Catalog Symbol: FCF_RN

Fast-Acting Fuse: 4 minutes maximum clearing time at 200% rated current for 1 to 30A fuse
6 minutes maximum clearing time at 200% rated current for 35 to 60A fuse

Dimensions: See Dimensions illustration.

Poles: 1-pole (gangable)

Ratings:

- Volts — 600Vac (or less)
- 300Vdc (or less)
- Amps — 1-100A
- IR — 300kA RMS Sym. (UL)
- 200kA RMS Sym. (CSA)
- 50kA DC (UL & CSA)

Agency Information:

- UL Listed Fuse: Guide JFHR, File E4273
- CSA Certified Fuse: Class 1422- 02, File 53787
- CE compliance for the European Union low voltage directive

Other Ratings/Specifications:

Watts Loss at rated current: FCF15RN: 3.48W
FCF30RN: 5.45W
FCF60RN: 7.27W

Operating and Storage Temperature Range:

-40 to 80°C

Material Specifications:

- Case: Glass filled PES (Polyethersulfone)
- Terminals: Copper alloy
- Terminal plating: Electroless tin

Carton Quantity and Weight

Amp Rating	Carton Qty.	Weight Per Carton	
		lbs	kg
FCF-1-30A	12	1.39	0.63
FCF-35-60A	12	1.42	0.65
FCF-70-100A	6	1.74	0.79

Features and Product Benefits

- The world’s first finger-safe power fuse system.
- Smallest footprint of any class fuse including Class J, CC, T and RK.
- Class CF meets Class J fast-acting electrical performance requirements.
- Faster response to damaging faults to help reduce destructive thermal and magnetic forces.
- True fast-acting fuse construction.
- High interrupting rating to safely interrupt faults up to 300kA.
- No venting of arc or molten metal and gases during opening.
- Low let-through currents under fault conditions.

Fuse Catalog Numbers Non-Indicating (Amps)

FCF1RN	FCF20RN	FCF45RN	FCF90RN
FCF3RN	FCF25RN	FCF50RN	FCF100RN
FCF6RN	FCF30RN	FCF60RN	—
FCF10RN	FCF35RN	FCF70RN	—
FCF15RN	FCF40RN	FCF80RN	—



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Recommended Fuse Holders For Class CF Fuses

- See pages 32 and 33

Data Sheet: 2147