

CUBEFuse® Finger-safe Fuse and Fuse Holder System

TCF & TCF_RN (fuse) Class CF
TCFH_N (holder)



Available With Indication

Specifications

Description: Finger-safe fuse and fuse holder system; dual-element, time-delay fuse; 10 seconds minimum operating time at 500% rated amps.

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)
- 100kA DC (UL & CSA)

Agency Information: CE, UL Listed Guide JFHR, File E4273, CSA Certified Fuse: Class 1422- 02, File 53787, UL Listed Fuse holder: Guide IZND, File E214079, CSA Certified Fuse holder: Class 6225-01, File 47235.

Features and Benefits

- Separate overload and short-circuit elements provide time delay for sizing of high inrush loads linked with Class J current limitation.
- Selective coordination ratio of 2:1 (within Low-Peak fuse family) prevents electrical shutdowns from extending beyond the failed circuit.
- Smallest footprint of any Class CC, J, T or RK fuse provides substantial space savings and installation flexibility.
- IEC 60529 and finger-safe rating provides enhanced workplace safety.

Typical Applications

- Electrical Panelboards
- Machinery Disconnects
- Industrial Control
- Required Finger-Safe Systems

Fuse Catalog Numbers Indicating (Amps)

TCF6	TCF25	TCF50	TCF100
TCF10	TCF30	TCF60	
TCF15	TCF35	TCF70	
TCF17-½	TCF40	TCF80	
TCF20	TCF45	TCF90	

Fuse Catalog Numbers Non-Indicating (Amps)

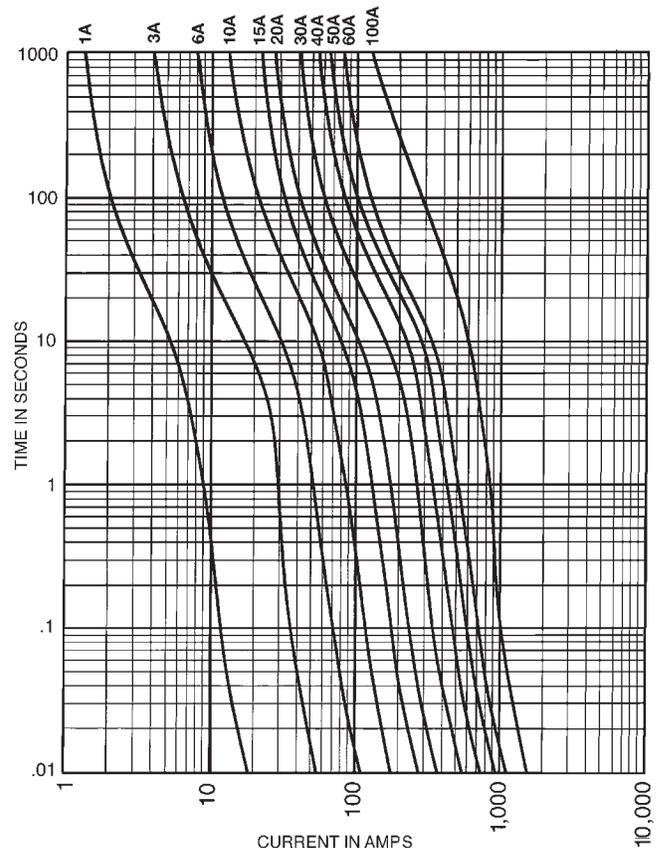
TCF1RN	TCF17-½RN	TCF40RN	TCF80RN
TCF3RN	TCF20RN	TCF45RN	TCF90RN
TCF6RN	TCF25RN	TCF50RN	TCF100RN
TCF10RN	TCF30RN	TCF60RN	
TCF15RN	TCF35RN	TCF70RN	

Fuse Holder Catalog Numbers

Catalog Numbers	Amp Range	Wire Range* Single Wire	Dual Wire
TCFH30N	1-30	14 to 8 AWG Cu	18 to 10 AWG
TCFH60N	1-60	14 to 4 AWG Cu	10 to 6 AWG Cu
TCFH100N	1-100	10 to 1 AWG Cu	6 AWG Cu

*75°C minimum Cu wire only.

Time-Current Characteristic Curves—Average Melt



Data Sheet: 9000 (fuses) and 9007 (holders)