Fuse Holders for Low-Peak® CUBEFuse®
Finger-Safe, 1-100A, 600Vac/300Vdc

Catalog Symbols: TCFH30N (1-30A)
TCFH60N (1-60A)
TCFH100N (1-100A)
Construction: Finger-safe
Mounting: DIN Rail or panel mount
Ampacities: TCFH30N - holds any 1-30A CUBEFuse
TCFH60N - holds any 1-60A CUBEFuse
TCFH100N - holds any 1-100A CUBEFuse
Voltage Rating: 600Vac/300Vdc
Withstand Rating: 300kA RMS Sym. (UL)
200kA RMS Sym. (CSA)
100kA DC (UL & CSA)
Agency Information:
• UL Listed Fuse Holder: Guide IZLT, File E14853
• CSA Certified Fuse Holder: Class 6225-01, File 47235
• CE compliance for the European Union low voltage directive
Operating and Storage Temperature Range: 14 to 149°F(-10 to 65°C)
Material Specifications:
• Holder case: Glass filled PBT
• Interface clips: Copper alloy
• Interface clip plating: Tin
• Terminals: Steel
• DIN Rail spring: Stainless steel

Features and Product Benefits

• Holder for the world's first finger-safe power fuse system.

• Holder and CUBEFuse together deliver Class CF and Class J fuse performance with dual-element, time-delay and current limiting operation. See Data Sheet 9000 for indicating and non-indicating CUBEFuse performance characteristics.

• Smallest fuse and holder footprint of any class fuse installation including Class J, CC, T and RK.

• DIN Rail or panel mount for easy installation.

• Holders dovetail together to easily achieve the required number of poles.

• All holders (TCFH30N, TCFH60N and TCFH100N) dovetail together to permit mixing ampacities.

• All holders accept equal and lower amp rated TCF_ indicating and TCF_RN non-indicating CUBEFuse - no need for a fuse reducer.

• Dual wire rated terminals for wiring ease.

• High 300kA withstand rating stands up to high fault currents.

Conductors/Wire Range - 75ºC Cu Wire Only

Holder/ Ampacity	No. of Poles*	Single Wire	Dual Wire
TCFH30N	1	18 to 8 AWG	18 to 10 AWG
TCFH60N	1	18 to 4 AWG	18 to 6 AWG
TCFH100N	1	18 to 1 AWG	6 AWG

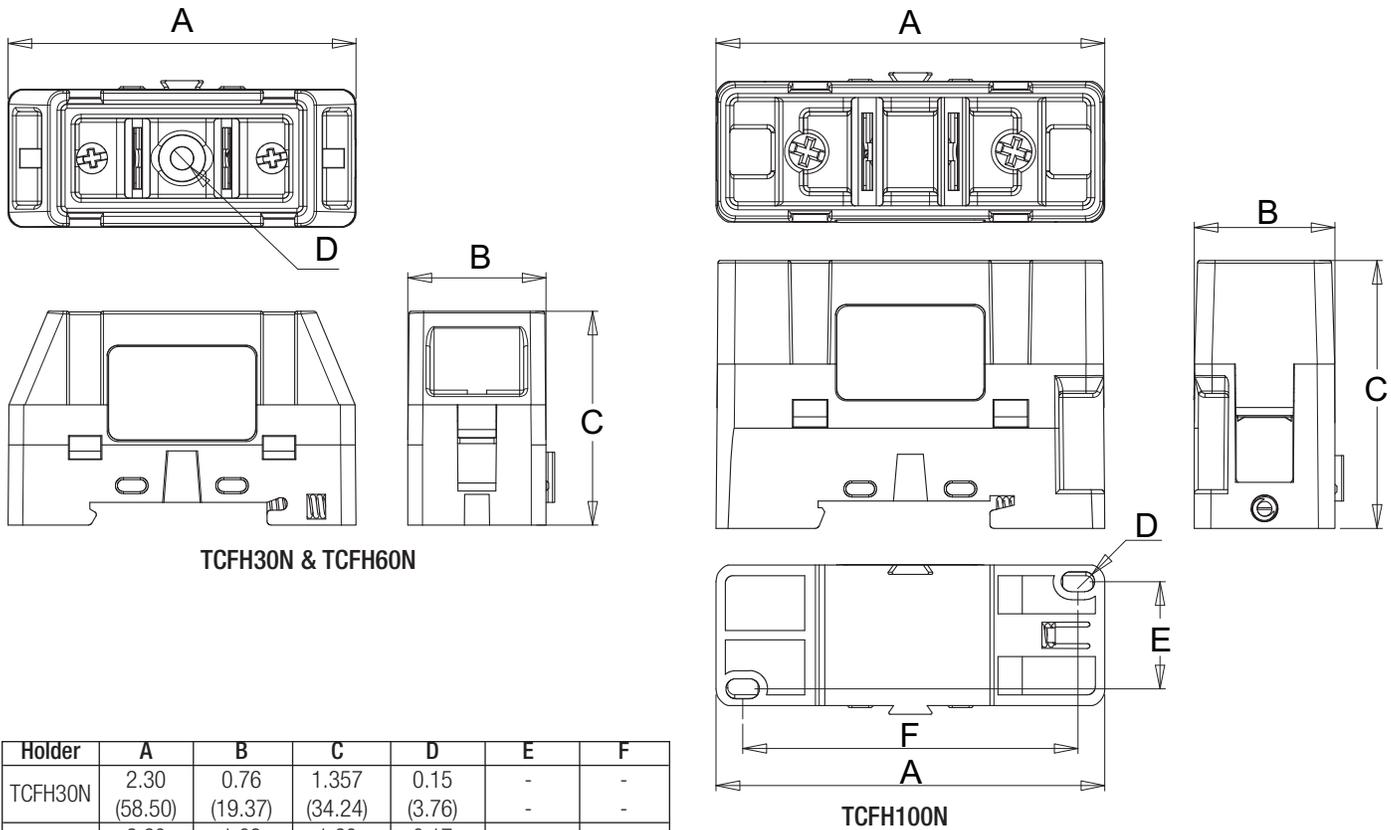* Holders dovetail together to achieve the desired number of poles for the application.

Carton Quantity and Weight

| Part Number | Carton Qty. | Weight Per Carton | |
		lbs	kg
TCFH30N	12	2.42	1.10
TCFH60N	12	2.57	1.17
TCFH100N	6	1.38	0.63

Terminal Torque Ratings by Conductor and Holder Size (75°C Cu only)

| TCFH30N | | TCFH60N | | TCFH100N | |
Single	Dual	Single	Dual	Single	Dual
10-8 AWG 25lb-in	18-10 AWG 25lb-in	18-10 AWG 20lb-in	18-10 AWG 20lb-in	18-10 AWG 25lb-in	6 AWG 45lb-in
18-12 AWG 20lb-in		8-4 AWG 35lb-in	8-6 AWG 35lb-in	8-1 AWG 40lb-in	

TCFH Dimensions – in (mm)

TCFH30N & TCFH60N

TCFH100N

Holder	A	B	C	D	E	F
TCFH30N	2.30 (58.50)	0.76 (19.37)	1.357 (34.24)	0.15 (3.76)	- -	- -
TCFH60N	2.60 (66.12)	1.03 (26.23)	1.60 (40.64)	0.17 (4.34)	- -	- -
TCFH100N	2.91 (73.81)	1.05 (26.74)	2.01 (50.93)	0.15 (3.81)	0.80 (20.39)	2.51 (63.65)

CUBEFuse Availability and Applications

The indicating Low-Peak® CUBEFuse® (TCF_) and non-indicating Low-Peak CUBEfuse (TCF_RN) are available in amp ratings from 1-100A. See Data Sheet 9000. The CUBEFuse is also used in these other Cooper Bussmann® circuit protection solutions.

TCF_ Indicating and **TCF_RN** non-indicating CUBEFuse. Data Sheet 9000

70-100A Case Size   35-60A Case Size   1-30A Case Size

CCP_CF 1-, 2- & 3-Pole switched disconnects Data Sheet 1157

CCPB 1-, 2- & 3-Pole disconnects for the Quik-Spec™ Coordination Panelboard. Data Sheet 1160

CF_ Quik-Spec™ Safety Switch disconnect (optional window). Data Sheet 1156

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