

# Eaton TCF80RN

Catalog Number: TCF80RN

Eaton Bussmann Series Class CF fuse, TCF, time-delay, dual-element current limiting cube fuse, 80 A, non-indicating fuse, interrupting rating of 100 kA at 300 Vdc and 300 kA at 600 Vac



### General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Bussmann series TCF fuse	TCF80RN
<b>UPC</b>	<b>Product Length/Depth</b>
051712236171	3.01 in
<b>Product Height</b>	<b>Product Width</b>
2.125 in	1 in
<b>Product Weight</b>	<b>Warranty</b>
0.284 lb	Not Applicable
<b>Compliances</b>	<b>Certifications</b>
CE Marked	UL Listed
RoHS Compliant	CSA Certified

## Electrical rating

### Amperage Rating

80 A

### Frequency rating - max

60 Hz

### Frequency rating - min

50 Hz

### Interrupt rating

300 kAIC at 600 Vac

100 kAIC at 300 Vdc

### Response time

10 sec at 500%

### Voltage rating

600 Vac, 300 Vdc

## Physical details

### Color

Black

### Fuse type

Class CF

Time delay

### Material

Glass filled PES

### Number of elements

Dual

### Packaging type

Standard

## General information

### Class

Class CF

### Connection

Blade end

### Fuse indicator

Non-indicating

### Mounting method

Chassis

35 mm DIN rail

### Special features

Finger safe

### Used with

TCFH100N, CCP2-3-100CF

## Resources

### Catalogs

[Bussmann Full Line Catalog](#)

[Low Voltage Branch Circuit Fuse Chapter](#)

### Compliance information

[RoHS Search Tool](#)

### Multimedia

Bussmann series Fuseology

The Power of Space

Technical data sheets

Bussmann series UL Class CF CUBEFuse data sheet no. 9000



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com  
© 2025 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)