

# Specifications



## Eaton TCF80

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

### General specifications

<b>PRODUCT NAME</b>	Eaton Bussmann series TCF fuse
<b>CATALOG NUMBER</b>	TCF80
<b>UPC</b>	051712618168
<b>EAN</b>	5027590228466
<b>PRODUCT LENGTH/DEPTH</b>	3.01 in
<b>PRODUCT HEIGHT</b>	2.125 in
<b>PRODUCT WIDTH</b>	1 in
<b>PRODUCT WEIGHT</b>	0.284 lb
<b>WARRANTY</b>	Not Applicable
<b>COMPLIANCES</b>	CE Marked <a href="#">RoHS Compliant</a>
<b>CERTIFICATIONS</b>	UL Listed CSA Certified

## Electrical rating

AMPERAGE RATING	80 A
FREQUENCY RATING - MAX	60 Hz
FREQUENCY RATING - MIN	50 Hz
INTERRUPT RATING	100 kAIC at 300 Vdc 300 kAIC at 600 Vac
RESPONSE TIME	10 sec at 500%
VOLTAGE RATING	600 Vac, 300 Vdc

## General information

CLASS	Class CF
CONNECTION	Blade end
FUSE INDICATOR	With Indicator
MOUNTING METHOD	Chassis 35 mm DIN rail
SPECIAL FEATURES	Finger safe
USED WITH	TCFH100N, CCP2-3-100CF

## Physical details

COLOR	Black
FUSE TYPE	Class CF Time delay
MATERIAL	Glass filled PES
NUMBER OF ELEMENTS	Dual
PACKAGING TYPE	Standard

## Resources

CATALOGS	<a href="#">Low Voltage Branch Circuit Fuse Chapter</a> <a href="#">Bussmann Full Line Catalog</a>
COMPLIANCE INFORMATION	<a href="#">RoHS Search Tool</a>
MULTIMEDIA	<a href="#">Bussmann series Fuseology</a> <a href="#">The Power of Space</a>
TECHNICAL DATA SHEETS	<a href="#">Bussmann series UL Class CF CUBEFuse data sheet no. 9000</a>

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



**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.

Follow us on social media to get the latest product and support information.



# Specifications



## Eaton TCF80

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

### General specifications

<b>PRODUCT NAME</b>	Eaton Bussmann series TCF fuse
<b>CATALOG NUMBER</b>	TCF80
<b>UPC</b>	051712618168
<b>EAN</b>	5027590228466
<b>PRODUCT LENGTH/DEPTH</b>	3.01 in
<b>PRODUCT HEIGHT</b>	2.125 in
<b>PRODUCT WIDTH</b>	1 in
<b>PRODUCT WEIGHT</b>	0.284 lb
<b>WARRANTY</b>	Not Applicable
<b>COMPLIANCES</b>	CE Marked <a href="#">RoHS Compliant</a>
<b>CERTIFICATIONS</b>	UL Listed CSA Certified

## Electrical rating

AMPERAGE RATING	80 A
FREQUENCY RATING - MAX	60 Hz
FREQUENCY RATING - MIN	50 Hz
INTERRUPT RATING	100 kAIC at 300 Vdc 300 kAIC at 600 Vac
RESPONSE TIME	10 sec at 500%
VOLTAGE RATING	600 Vac, 300 Vdc

## General information

CLASS	Class CF
CONNECTION	Blade end
FUSE INDICATOR	With Indicator
MOUNTING METHOD	Chassis 35 mm DIN rail
SPECIAL FEATURES	Finger safe
USED WITH	TCFH100N, CCP2-3-100CF

## Physical details

COLOR	Black
FUSE TYPE	Class CF Time delay
MATERIAL	Glass filled PES
NUMBER OF ELEMENTS	Dual
PACKAGING TYPE	Standard

## Resources

CATALOGS	<a href="#">Low Voltage Branch Circuit Fuse Chapter</a> <a href="#">Bussmann Full Line Catalog</a>
COMPLIANCE INFORMATION	<a href="#">RoHS Search Tool</a>
MULTIMEDIA	<a href="#">Bussmann series Fuseology</a> <a href="#">The Power of Space</a>
TECHNICAL DATA SHEETS	<a href="#">Bussmann series UL Class CF CUBEFuse data sheet no. 9000</a>

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



**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.

Follow us on social media to get the latest product and support information.

