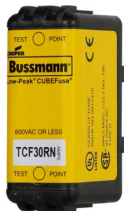


# Specifications



## Eaton TCF30RN

Eaton Bussmann Series Class CF fuse, TCF, time-delay, dual-element current limiting cube fuse, 30 A, non-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>	TCF30RN
<b>UPC</b>	051712220965
<b>PRODUCT LENGTH/DEPTH</b>	1.88 in
<b>PRODUCT HEIGHT</b>	1.75 in
<b>PRODUCT WIDTH</b>	0.75 in
<b>PRODUCT WEIGHT</b>	0.08 lb
<b>WARRANTY</b>	Not Applicable
<b>COMPLIANCES</b>	CE Marked <a href="#">RoHS Compliant</a>
<b>CERTIFICATIONS</b>	UL Listed CSA Certified



Powering Business Worldwide

## Electrical rating

<b>AMPERAGE RATING</b>	30 A
<b>FREQUENCY RATING - MAX</b>	60 Hz
<b>FREQUENCY RATING - MIN</b>	50 Hz
<b>INTERRUPT RATING</b>	300 kAIC at 600 Vac 100 kAIC at 300 Vdc
<b>RESPONSE TIME</b>	10 sec at 500%
<b>VOLTAGE RATING</b>	600 Vac, 300 Vdc

## General information

<b>CLASS</b>	Class CF
<b>CONNECTION</b>	Blade end
<b>FUSE INDICATOR</b>	Non-indicating
<b>MOUNTING METHOD</b>	Chassis 35 mm DIN rail
<b>SPECIAL FEATURES</b>	Finger safe
<b>USED WITH</b>	TCFH30N, CCP2-3-30CF

## Physical details

<b>COLOR</b>	Black
<b>FUSE TYPE</b>	Class CF Time delay
<b>MATERIAL</b>	Glass filled PES
<b>NUMBER OF ELEMENTS</b>	Dual
<b>PACKAGING TYPE</b>	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 CUBE Fuse 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

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



© 2025 Eaton. All Rights Reserved.

# Specifications



## Eaton TCF30RN

Eaton Bussmann Series Class CF fuse, TCF, time-delay, dual-element current limiting cube fuse, 30 A, non-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>	TCF30RN
<b>UPC</b>	051712220965
<b>PRODUCT LENGTH/DEPTH</b>	1.88 in
<b>PRODUCT HEIGHT</b>	1.75 in
<b>PRODUCT WIDTH</b>	0.75 in
<b>PRODUCT WEIGHT</b>	0.08 lb
<b>WARRANTY</b>	Not Applicable
<b>COMPLIANCES</b>	CE Marked <a href="#">RoHS Compliant</a>
<b>CERTIFICATIONS</b>	UL Listed CSA Certified



Powering Business Worldwide

## Electrical rating

<b>AMPERAGE RATING</b>	30 A
<b>FREQUENCY RATING - MAX</b>	60 Hz
<b>FREQUENCY RATING - MIN</b>	50 Hz
<b>INTERRUPT RATING</b>	300 kAIC at 600 Vac 100 kAIC at 300 Vdc
<b>RESPONSE TIME</b>	10 sec at 500%
<b>VOLTAGE RATING</b>	600 Vac, 300 Vdc

## General information

<b>CLASS</b>	Class CF
<b>CONNECTION</b>	Blade end
<b>FUSE INDICATOR</b>	Non-indicating
<b>MOUNTING METHOD</b>	Chassis 35 mm DIN rail
<b>SPECIAL FEATURES</b>	Finger safe
<b>USED WITH</b>	TCFH30N, CCP2-3-30CF

## Physical details

<b>COLOR</b>	Black
<b>FUSE TYPE</b>	Class CF Time delay
<b>MATERIAL</b>	Glass filled PES
<b>NUMBER OF ELEMENTS</b>	Dual
<b>PACKAGING TYPE</b>	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 CUBE Fuse 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

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



© 2025 Eaton. All Rights Reserved.