

# Specifications

## Eaton 170M1416

Fuse-link, high speed, 80 A, AC 690 V, DIN 000, aR, DIN, IEC, single indicator, live gripping lugs

### General specifications

<b>PRODUCT NAME</b>	Eaton Bussmann series high speed square body fuse
<b>CATALOG NUMBER</b>	170M1416
<b>EAN</b>	5027590440950
<b>UPC</b>	051712216821
<b>PRODUCT LENGTH/DEPTH</b>	100 mm
<b>PRODUCT HEIGHT</b>	53 mm
<b>PRODUCT WIDTH</b>	21 mm
<b>PRODUCT WEIGHT</b>	134.5 g
<b>COMPLIANCES</b>	CE Marked RoHS Compliant
<b>CERTIFICATIONS</b>	UL Recognized IEC Rated



Powering Business Worldwide

## Product specifications

<b>AMPERAGE RATING</b>	80 A
<b>BREAKING CAPACITY</b>	200 kA
<b>FUSE INDICATOR</b>	Top fuse status indicator
<b>INSULATED METAL GRIPPING LUGS (IMGL)</b>	No
<b>UTILIZATION CATEGORY</b>	aR (accompanied semiconductor protection)
<b>VOLTAGE TYPE</b>	AC
<b>FUSE SIZE</b>	000
<b>RATED VOLTAGE AC</b>	690 V
<b>CENTER-TO-CENTER DISTANCE OF CONNECTIONS</b>	78 mm
<b>CURRENT TYPE</b>	AC
<b>MOUNTING DIMENSION</b>	M8
<b>CLASS</b>	Class aR
<b>CLEARING (I2T)</b>	2550 at 660 V
<b>WATT LOSSES</b>	19 W
<b>FUSE SHAPE</b>	Square body, slotted offset bolted tags
<b>PRE ARC (I2T)</b>	380
<b>COLOR</b>	None
<b>INTERRUPT RATING</b>	200 kAIC
<b>CONNECTION</b>	Blade end x blade end
<b>CONSTRUCTION SIZE</b>	000
<b>PACKAGING TYPE</b>	Standard
<b>VOLTAGE RATING</b>	690 V (IEC), 700 V (UL)
<b>TYPE</b>	Fuse
<b>APPLICATION</b>	Semiconductor, DC Common bus, DC drives, power converters/rectifiers
<b>FUSE TYPE</b>	DIN 43653 TN/80 Type T Indicator for Micro
<b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>	Other

## Resources

<b>CATALOGS</b>	<a href="#">eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf</a>
<b>MANUALS AND USER GUIDES</b>	<a href="#">High speed fuses application guide</a>
<b>MCAD MODEL</b>	<a href="#">eaton-hs-square-body-fuses-mcad-3d-models-u0074.stp</a>
<b>PRODUCT NOTIFICATIONS</b>	<a href="#">eaton-bussmann-series-170m-fuses-product-change-notice-pcn-bur-00193-en-us.pdf</a> <a href="#">eaton-bussmann-series-ukca-marking-high-speed-fuses-pcn-bur-00167-en-gb.pdf</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.

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

