

# Specifications



## Eaton 170M6162

Fuse-link, high speed, 800 A, AC 690 V, DIN 3, 76 x 90 x 139 mm, aR, DIN, IEC, single indicator

### General specifications

<b>PRODUCT NAME</b>	Eaton Bussmann series high speed square body fuse
<b>CATALOG NUMBER</b>	170M6162
<b>MODEL CODE</b>	FUSE 800A 690V 3/110 AR UC
<b>UPC</b>	051712263085
<b>EAN</b>	5996516018026
<b>PRODUCT LENGTH/DEPTH</b>	168 mm
<b>PRODUCT HEIGHT</b>	76 mm
<b>PRODUCT WIDTH</b>	95 mm
<b>PRODUCT WEIGHT</b>	986 g
<b>WARRANTY</b>	Not Applicable
<b>COMPLIANCES</b>	CE Marked RoHS Compliant
<b>CERTIFICATIONS</b>	UL Recognized IEC Rated
<b>GLOBAL CATALOG</b>	170M6162
<b>PRODUCT TYPE</b>	High speed square body fuse

## Product specifications

<b>AMPERAGE RATING</b>	800 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>	3
<b>RATED VOLTAGE AC</b>	690 V
<b>CENTER-TO-CENTER DISTANCE OF CONNECTIONS</b>	108 mm
<b>CURRENT TYPE</b>	AC
<b>MOUNTING DIMENSION</b>	M10
<b>CLASS</b>	Class aR
<b>CLEARING (I<sub>2</sub>T)</b>	465000 at 660 V
<b>WATT LOSSES</b>	115 W
<b>CLEARING LOSS</b>	115
<b>FUSE SHAPE</b>	Square body, slotted center bolted tags
<b>PRE ARC (I<sub>2</sub>T)</b>	69500
<b>COLOR</b>	None
<b>INTERRUPT RATING</b>	200 kAIC
<b>CONNECTION</b>	Blade end x blade end
<b>CONSTRUCTION SIZE</b>	3
<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 /110 Visual indicator Bolted tag
<b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>	Other

## Resources

<b>CATALOGS</b>	<a href="#">eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-english.pdf</a>
	<a href="#">Bussmann series complete full line catalog no. 1007</a>
	<a href="#">170M6162~FUSE 800A 690V 3/110 AR UC</a>
<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-uk251153en.pdf</a>
	<a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250670en.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-u0780r.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>
<b>TECHNICAL DATA SHEETS</b>	<a href="#">720014 DIN 43653 690V</a>

---

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

---



**Eaton Corporation plc** Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
[Eaton.com](http://Eaton.com)

© 2025 Eaton. All Rights Reserved.

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

