

# Specifications



## Eaton 170M4165

Fuse-link, high speed, 550 A, AC 690 V, DIN 1, 53 x 66 x 138 mm, aR, DIN, IEC, single indicator

### General specifications

<b>PRODUCT NAME</b>	Eaton Bussmann series high speed square body fuse
<b>CATALOG NUMBER</b>	170M4165
<b>MODEL CODE</b>	FUSE 550A 690V 1/110 AR UC
<b>UPC</b>	051712257916
<b>EAN</b>	5027590451512
<b>PRODUCT LENGTH/DEPTH</b>	245 mm
<b>PRODUCT HEIGHT</b>	62 mm
<b>PRODUCT WIDTH</b>	142 mm
<b>PRODUCT WEIGHT</b>	498 g
<b>WARRANTY</b>	Not Applicable
<b>COMPLIANCES</b>	CE Marked RoHS Compliant
<b>CERTIFICATIONS</b>	IEC Rated UL Recognized
<b>GLOBAL CATALOG</b>	170M4165



Powering Business Worldwide

## Product specifications

<b>AMPERAGE RATING</b>	550 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>	1
<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 (I2T)</b>	230000 at 660 V
<b>WATT LOSSES</b>	75 W
<b>CLEARING LOSS</b>	75
<b>FUSE SHAPE</b>	Square body, slotted center bolted tags
<b>PRE ARC (I2T)</b>	34000
<b>COLOR</b>	None
<b>INTERRUPT RATING</b>	200 kAIC
<b>CONNECTION</b>	Blade end x blade end
<b>CONSTRUCTION SIZE</b>	1
<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

	<a href="#">eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf</a>
CATALOGS	<a href="#">170M4165~FUSE 550A 690V 1/110 AR UC</a>  <a href="#">Bussmann series complete full line catalog no. 1007</a>
DECLARATIONS OF CONFORMITY	<a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-uk250910en.pdf</a>  <a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250032en.pdf</a>
MANUALS AND USER GUIDES	<a href="#">High speed fuses application guide</a>
MCAD MODEL	<a href="#">eaton-hs-square-body-fuses-mcad-3d-models-u0081.stp</a>
PRODUCT NOTIFICATIONS	<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>
TECHNICAL DATA SHEETS	<a href="#">720014 DIN 43653 690V</a>

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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