

# Specifications

## Eaton 170M6466

Fuse-link, high speed, 1250 A, AC 690 V, size 3, aR, IEC, UL, type K indicator



### General specifications

<b>PRODUCT NAME</b>	Eaton Bussmann series high speed square body fuse
<b>CATALOG NUMBER</b>	170M6466
<b>MODEL CODE</b>	FUSE 1250A 690V 3BKN/50 AR UC
<b>UPC</b>	051712816717
<b>EAN</b>	5027590462648
<b>PRODUCT LENGTH/DEPTH</b>	53 mm
<b>PRODUCT HEIGHT</b>	92 mm
<b>PRODUCT WIDTH</b>	76 mm
<b>PRODUCT WEIGHT</b>	846 g
<b>WARRANTY</b>	Not Applicable
<b>COMPLIANCES</b>	CE Marked RoHS Compliant
<b>CERTIFICATIONS</b>	IEC Rated UL Recognized
<b>GLOBAL CATALOG</b>	170M6466
<b>PRODUCT TYPE</b>	High speed square body fuse



Powering Business Worldwide

## Product specifications

<b>AMPERAGE RATING</b>	1250 A
<b>BREAKING CAPACITY</b>	200 kA
<b>FUSE INDICATOR</b>	Centre 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>	52.4 mm
<b>CURRENT TYPE</b>	AC
<b>MOUNTING DIMENSION</b>	M12
<b>CLASS</b>	Class aR
<b>CLEARING (I2T)</b>	1950000 at 660 V
<b>WATT LOSSES</b>	140 W
<b>FUSE SHAPE</b>	Square body, flush end contacts
<b>PRE ARC (I2T)</b>	290000
<b>COLOR</b>	None
<b>INTERRUPT RATING</b>	200 kAIC
<b>FITTED WITH:</b>	Type K Indicator for micro
<b>CONSTRUCTION SIZE</b>	3
<b>MOUNTING METHOD</b>	Flush
<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>	Flush end BKN/Type K Indicator for Micro
<b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>	IEC 60269-4 flush end connections type A

## Resources

CATALOGS	<a href="#">eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf</a>
DECLARATIONS OF CONFORMITY	<a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250670en.pdf</a> <a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-uk251153en.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-u0020.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>
SPECIFICATIONS AND DATASHEETS	<a href="#">Eaton Specification Sheet - 170M6466</a>

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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**Eaton Corporation plc** Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

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