

# 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

## Product specifications

AMPERAGE RATING	1250 A
BREAKING CAPACITY	200 kA
FUSE INDICATOR	Centre fuse status indicator
INSULATED METAL GRIPPING LUGS (IMGL)	No
UTILIZATION CATEGORY	aR (accompanied semiconductor protection)
VOLTAGE TYPE	AC
FUSE SIZE	3
RATED VOLTAGE AC	690 V
CENTER-TO-CENTER DISTANCE OF CONNECTIONS	52.4 mm
CURRENT TYPE	AC
MOUNTING DIMENSION	M12
CLASS	Class aR
CLEARING (I2T)	1950000 at 660 V
WATT LOSSES	140 W
FUSE SHAPE	Square body, flush end contacts
PRE ARC (I2T)	290000
COLOR	None
INTERRUPT RATING	200 kAIC
FITTED WITH:	Type K Indicator for micro
CONSTRUCTION SIZE	3
MOUNTING METHOD	Flush
VOLTAGE RATING	690 V (IEC), 700 V (UL)
TYPE	Fuse
APPLICATION	Semiconductor, DC Common bus, DC drives, power converters/rectifiers
FUSE TYPE	Flush end BKN/Type K Indicator for Micro
FUSE SYSTEM (ACCORDING TO IEC 60269)	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>
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-ukca-marking-high-speed-fuses-pcn-bur-00167-en-gb.pdf</a> <a href="#">eaton-bussmann-series-170m-fuses-product-change-notice-pcn-bur-00193-en-us.pdf</a>
SPECIFICATIONS AND DATASHEETS	<a href="#">Eaton Specification Sheet - 170M6466</a>

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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