

# Eaton 170M6566

Fuse-link, high speed, 1250 A, AC 690 V, size 3, 76 x 92 x 53 mm, aR, IEC, UL, single indicator, US thread

PRODUCT NAME	Eaton Bussmann series high speed square body fuse
CATALOG NUMBER	170M6566
UPC	051712264617
PRODUCT LENGTH/DEPTH	168 mm
PRODUCT HEIGHT	76 mm
PRODUCT WIDTH	95 mm
PRODUCT WEIGHT	863 g
COMPLIANCES	CE Marked RoHS Compliant
CERTIFICATIONS	IEC Rated UL Recognized

<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>	M10
<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>PACKAGING TYPE</b>	Standard
<b>VOLTAGE RATING</b>	690 V, 700 V
<b>TYPE</b>	Fuse
<b>APPLICATION</b>	Semiconductor, DC Common bus, DC drives, power converters/rectifiers
<b>FUSE TYPE</b>	Flush end GKN/Type K indicator for micro
<b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>	IEC 60269-4 flush end connections type A

## DECLARATIONS OF CONFORMITY

[eaton-high-speed-square-body-fuse-declaration-of-conformity-uk251153en.pdf](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



Eaton House  
30 Pembroke Road  
Dublin 4,  
Eaton.com  
© 2025

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

