

# Specifications

## Eaton 170M3975

Fuse-link, high speed, 400 A, AC 1000 V, compact DIN 1, 43 x 61 x 138 mm, aR, DIN, IEC, type K indicator

### General specifications

<b>PRODUCT NAME</b>	Eaton Bussmann series high speed square body fuse
<b>CATALOG NUMBER</b>	170M3975
<b>MODEL CODE</b>	FUSE 400A 1000V 1*KN/110 AR
<b>UPC</b>	051712678964
<b>EAN</b>	5027590450744
<b>PRODUCT LENGTH/DEPTH</b>	138 mm
<b>PRODUCT HEIGHT</b>	61 mm
<b>PRODUCT WIDTH</b>	43 mm
<b>PRODUCT WEIGHT</b>	0.001 g
<b>WARRANTY</b>	Not Applicable
<b>COMPLIANCES</b>	CE Marked RoHS Compliant
<b>CERTIFICATIONS</b>	IEC Rated UL Recognized
<b>GLOBAL CATALOG</b>	170M3975
<b>PRODUCT TYPE</b>	High speed square body fuse

## Product specifications

<b>AMPERAGE RATING</b>	400 A
<b>BREAKING CAPACITY</b>	125 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>	1*
<b>RATED VOLTAGE AC</b>	1000 V
<b>CENTER-TO-CENTER DISTANCE OF CONNECTIONS</b>	106 mm
<b>CURRENT TYPE</b>	AC
<b>MOUNTING DIMENSION</b>	M10
<b>CLASS</b>	Class aR
<b>CLEARING (I2T)</b>	250000 at 1000 V
<b>WATT LOSSES</b>	65 W
<b>FUSE SHAPE</b>	Square body, slotted center bolted tags
<b>PRE ARC (I2T)</b>	42000
<b>COLOR</b>	None
<b>INTERRUPT RATING</b>	125 kAIC
<b>CONSTRUCTION SIZE</b>	Other
<b>PACKAGING TYPE</b>	Standard
<b>VOLTAGE RATING</b>	1000 V (IEC)
<b>TYPE</b>	Fuse
<b>APPLICATION</b>	Semiconductor, DC Common bus, DC drives, power converters/rectifiers
<b>FUSE TYPE</b>	DIN 43653 KN/110 Type K Indicator for Micro
<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="#">170M3975~Eaton Bussmann series high speed square body fuse</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-uk250917en.pdf</a> <a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250039en.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-u1144.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>

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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

© 2026 Eaton. All Rights Reserved.

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

