

Specifications



Eaton 170M1812

Fuse-link, high speed, 225 A, AC 1000 V, size 000, 24 x 36 x 115 mm, aR, IEC

General specifications

PRODUCT NAME	Eaton Bussmann series high speed square body fuse
CATALOG NUMBER	170M1812
MODEL CODE	FUSE 225A 1000V DC IEC aR 000FU/90
UPC	051712683029
EAN	5027590441872
PRODUCT LENGTH/DEPTH	115 mm
PRODUCT HEIGHT	24 mm
PRODUCT WIDTH	36 mm
PRODUCT WEIGHT	750 g
COMPLIANCES	CE Marked RoHS Compliant
CERTIFICATIONS	UL Recognized IEC 60269
GLOBAL CATALOG	170M1812



Powering Business Worldwide

Product specifications

USED WITH	IGBT inverter circuits with DC link voltages up to 1000 Vdc
AMPERAGE RATING	225 A
BREAKING CAPACITY	50 kA
FUSE INDICATOR	None
INSULATED METAL GRIPPING LUGS (IMGL)	No
UTILIZATION CATEGORY	aR (accompanied semiconductor protection)
VOLTAGE TYPE	AC/DC
FUSE SIZE	000
RATED VOLTAGE DC	1000 V
CENTER-TO-CENTER DISTANCE OF CONNECTIONS	91 mm
CURRENT TYPE	DC
MOUNTING DIMENSION	M8
CLASS	Class aR
WATT LOSSES	45 W
FUSE SHAPE	Square body, offset bolted tags
COLOR	None
INTERRUPT RATING	50 kAIC
CONSTRUCTION SIZE	000
PACKAGING TYPE	Standard
VOLTAGE RATING	1000 V
TYPE	Fuse
APPLICATION	IGBT circuits, semiconductor protection
FUSE TYPE	Bolted tag
FUSE SYSTEM (ACCORDING TO IEC 60269)	Other

Resources

CATALOGS	eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf
DECLARATIONS OF CONFORMITY	eaton-high-speed-square-body-fuse-declaration-of-conformity-uk251153en.pdf eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250670en.pdf
MANUALS AND USER GUIDES	High speed fuses application guide
PRODUCT NOTIFICATIONS	eaton-bussmann-series-170m-fuses-product-change-notice-pcn-bur-00193-en-us.pdf eaton-bussmann-series-ukca-marking-high-speed-fuses-pcn-bur-00167-en-gb.pdf

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

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



© 2025 Eaton. All Rights Reserved.