Specifications





Eaton 170M3021

Fuse-link, high speed, 500 A, AC 690 V, compact DIN 1, 45 x 45 x 104 mm, aR, DIN, IEC, single indicator

General specifications	
PRODUCT NAME	Eaton Bussmann series high speed square body fuse
CATALOG NUMBER	170M3021
UPC	051712799362
EAN	5027590443685
PRODUCT LENGTH/DEPTH	305 mm
PRODUCT HEIGHT	65 mm
PRODUCT WIDTH	145 mm
PRODUCT WEIGHT	353 g
WARRANTY	Not Applicable
COMPLIANCES	CE Marked RoHS Compliant
CERTIFICATIONS	IEC Rated UL Recognized
GLOBAL CATALOG	170M3021
PRODUCT TYPE	High speed square body fuse

Product specifications

AMPERAGE RATING	500 A
BREAKING CAPACITY	200 kA
FUSE INDICATOR	Top fuse status indicator
INSULATED METAL GRIPPING LUGS (IMGL)	No
UTILIZATION CATEGORY	aR (accompanied semiconductor protection)
VOLTAGE TYPE	AC
FUSE SIZE	1*
RATED VOLTAGE AC	690 V
CENTER-TO-CENTER DISTANCE OF CONNECTIONS	76.5 mm
CURRENT TYPE	AC
MOUNTING DIMENSION	M10
CLASS	Class aR
CLEARING (I2T)	180000 at 660 V
WATT LOSSES	70 W
CLEARING LOSS	70
FUSE SHAPE	Square body, slotted center bolted tags
PRE ARC (I2T)	27000
COLOR	None
INTERRUPT RATING	200 kAIC
CONNECTION	Blade end x blade end
CONSTRUCTION SIZE	Other
PACKAGING TYPE	Standard
VOLTAGE RATING	690 V (IEC), 700 V (UL)
TYPE	Fuse
APPLICATION	Semiconductor, DC Common bus, DC drives, power converters/rectifiers
FUSE TYPE	DIN 43653 /80 Visual indicator Bolted tag
FUSE SYSTEM (ACCORDING TO IEC 60269)	Other

Resources

CATALOGS	eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf Bussmann series complete full line catalog no. 1007 170M3021~Eaton Bussmann series high speed square body fuse
DECLARATIONS OF CONFORMITY	eaton-high-speed-square-body-fuse-declaration-of-conformity-uk250914en.pdf eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250036en.pdf
MANUALS AND USER GUIDES	High speed fuses application guide
PRODUCT NOTIFICATIONS	eaton-bussmann-series-170m6286-fuse-pcn-bur-00172-en-gb.pdf eaton-bussmann-series-ukca-marking-high-speed-fuses-pcn-bur-00167-en-gb.pdf eaton-bussmann-series-170m-fuses-product-change-notice-pcn-bur-00193-en-us.pdf
TECHNICAL DATA SHEETS	720014 DIN 43653 690V

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

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