Specifications





Eaton 170M6145

Eaton Bussmann series high speed square body fuse, 700A, 100 kAIC, Class aR, DIN 43 620, Standard, Clearing at 1000V: 705000 , Clearing at 1250V: 940000, square body with centre-bolted tags (slotted), Top fuse status indicator, 120W

General specifications	
PRODUCT NAME	Eaton Bussmann series high speed square body fuse
CATALOG NUMBER	170M6145
MODEL CODE	FUSE 700A 1250V 3/110 AR CU
UPC	051712262972
EAN	5996516017913
PRODUCT LENGTH/DEPTH	168 mm
PRODUCT HEIGHT	76 mm
PRODUCT WIDTH	95 mm
PRODUCT WEIGHT	1319 g
WARRANTY	Not Applicable
COMPLIANCES	CE Marked RoHS Compliant
CERTIFICATIONS	UL Recognized IEC Rated
GLOBAL CATALOG	170M6145
PRODUCT TYPE	High speed square body fuse

Product specifications

AMPERAGE RATING	700 A
BREAKING CAPACITY	100 kA
FUSE INDICATOR	Top fuse status indicator
INSULATED METAL GRIPPING LUGS (IMGL)	No
UTILIZATION CATEGORY	aR (accompanied semiconductor protection)
VOLTAGE TYPE	AC
FUSE SIZE	3
RATED VOLTAGE AC	1250 V
CENTER-TO-CENTER DISTANCE OF CONNECTIONS	108 mm
CURRENT TYPE	AC
MOUNTING DIMENSION	M10
CLASS	Class aR
CLEARING (I2T)	705000 at 1000 V, 940000 at 1250 V
WATT LOSSES	120 W
FUSE SHAPE	Square body, slotted center bolted tags
PRE ARC (I2T)	115000
COLOR	None
INTERRUPT RATING	100 kAIC
CONSTRUCTION SIZE	3
PACKAGING TYPE	Standard
VOLTAGE RATING	1250 V (IEC), 1300 V (UL)
TYPE	Fuse
APPLICATION	Semiconductor, DC Common bus, DC drives, power converters/rectifiers
FUSE TYPE	DIN 43653 /110 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 170M6145~FUSE 700A 1250V 3/110 AR CU Bussmann series complete full line catalog no. 1007
DECLARATIONS OF CONFORMITY	eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250027en.pdf eaton-high-speed-square-body-fuse-declaration-of-conformity-uk250905en.pdf
MANUALS AND USER GUIDES	High speed fuses application guide
MCAD MODEL	eaton-hs-square-body-fuses-mcad-3d-models-u0208.stp
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 eaton-bussmann-series-170m6286-fuse-pcn-bur-00172-en-gb.pdf

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
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