Specifications





Eaton 100FE

Eaton Bussmann series high speed British standard fuse, Single barrel, 100A, 690 VAC/500 VDC (IEC), 700 VAC/500 VDC (UL), Class aR, Breaking capacity 200 kA RMS Sym., 50 kA DC at 500 VDC

General specifications	
PRODUCT NAME	Eaton Bussmann series high speed british standard fuse
CATALOG NUMBER	100FE
UPC	051712830270
EAN	5027590427647
PRODUCT LENGTH/DEPTH	82 mm
PRODUCT HEIGHT	39 mm
PRODUCT WIDTH	91 mm
PRODUCT WEIGHT	41.2 g
WARRANTY	Not Applicable
COMPLIANCES	CE Marked RoHS Compliant
GLOBAL CATALOG	100FE
PRODUCT TYPE	High speed british standard fuse

Product specifications

AMPERAGE RATING	100 A
BREAKING CAPACITY	200 kA
FUSE INDICATOR	None
INSULATED METAL GRIPPING LUGS (IMGL)	No
UTILIZATION CATEGORY	aR (accompanied semiconductor protection)
VOLTAGE TYPE	AC/DC
RATED SWITCHING CAPACITY	200 kA
RATED VOLTAGE AC	690 V
RATED VOLTAGE DC	500 V
CENTER-TO-CENTER DISTANCE OF CONNECTIONS	61.8 mm
MOUNTING DIMENSION	M6
CURRENT TYPE	AC/DC
CLASS	Class aR
CLEARING (I2T)	1800 at 415 V, 2800 at 660 V
WATT LOSSES	23 W
FUSE SHAPE	Offset bolted tags
PRE ARC (I2T)	470
COLOR	None
INTERRUPT RATING	200 kA RMS Sym, 50 kA at 500 Vdc
CONNECTION	Blade end x blade end
CONSTRUCTION SIZE	Other
MOUNTING METHOD	Stud
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	FE
SUITABLE FOR	EC-600 Trip indicator kit (indicator + clips) TI700 Fuse indicator MAI Microswitch/adaptor MBI Microswitch/adaptor
FUSE SYSTEM (ACCORDING TO IEC 60269)	Other

Resources

BROCHURES	eaton-bussmann-series-bs88-high-speed-fuses-product-aid-pa135003en-us.pdf
CATALOGS	eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf Bussmann series complete full line catalog no. 1007
DECLARATIONS OF CONFORMITY	eaton-high-speed-british-standard-fuse-declaration-of-conformity-uk250922en.pdf eaton-high-speed-british-standard-fuse-declaration-of-conformity-eu250044en.pdf
MCAD MODEL	eaton-hs-bs88-body-fuses-mcad-3d-models-15-100a-fe.stp
TECHNICAL DATA SHEETS	720024 CT, ET, FE, EET, FEE, FM, FMM, MT, MMT fuses

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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