Specifications







Eaton FWJ-500A

Fuse-link, high speed, 500 A, AC 1000 V, DC 800 V, 64 x 183 mm, aR, UL

General specifications	
PRODUCT NAME	Eaton Bussmann series high speed cylindrical fuse
CATALOG NUMBER	FWJ-500A
UPC	051712796279
EAN	5027590021340
PRODUCT LENGTH/DEPTH	184 mm
PRODUCT HEIGHT	64 mm
PRODUCT WIDTH	64 mm
PRODUCT WEIGHT	1179 g
WARRANTY	Not Applicable
COMPLIANCES	CE Marked RoHS Compliant
CERTIFICATIONS	CSA Certified UL Recognized
GLOBAL CATALOG	FWJ-500A
PRODUCT TYPE	High speed cylindrical fuse

Product specifications

AMPERAGE RATING	500 A
BREAKING CAPACITY	100 kA
FUSE INDICATOR	Non Indicating
INSULATED METAL GRIPPING LUGS (IMGL)	No
UTILIZATION CATEGORY	aR (accompanied semiconductor protection)
VOLTAGE TYPE	AC/DC
RATED SWITCHING CAPACITY	100 A
RATED VOLTAGE AC	1000 V
RATED VOLTAGE DC	800 V
MOUNTING DIMENSION	Other
CENTER-TO-CENTER DISTANCE OF CONNECTIONS	136 mm
CURRENT TYPE	AC/DC
CLASS	Class aR
CLEARING (I2T)	329000 at 1000 V
WATT LOSSES	95 W
FUSE SHAPE	Center bolted tags
PRE ARC (I2T)	39500
COLOR	None
INTERRUPT RATING	100 kAIC (250-2000A) 25 kAIC (35-200A) 50 kAIC at 800 Vdc (35-200A 450-600A)
CONNECTION	Blade end x blade end
CONSTRUCTION SIZE	Other
MOUNTING METHOD	Stud
PACKAGING TYPE	Standard
VOLTAGE RATING	1000 Vac, 800 Vdc
TYPE	High speed fuse
APPLICATION	Semiconductor, DC Common bus, DC drives, Power converters/rectifiers
FUSE TYPE	FWJ-A
FUSE SYSTEM (ACCORDING TO IEC 60269)	Other

Resources

CATALOGS	eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf
MCAD MODEL	eaton-hs-round-body-fuses-mcad-3d-models-fwj-450-600a.stp
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - FWJ-500A

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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