

# Specifications



## Eaton FWJ-500A

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

### General specifications

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

## Product specifications

<b>AMPERAGE RATING</b>	500 A
<b>BREAKING CAPACITY</b>	100 kA
<b>FUSE INDICATOR</b>	Non Indicating
<b>INSULATED METAL GRIPPING LUGS (IMGL)</b>	No
<b>UTILIZATION CATEGORY</b>	aR (accompanied semiconductor protection)
<b>VOLTAGE TYPE</b>	AC/DC
<b>RATED SWITCHING CAPACITY</b>	100 A
<b>RATED VOLTAGE AC</b>	1000 V
<b>RATED VOLTAGE DC</b>	800 V
<b>MOUNTING DIMENSION</b>	Other
<b>CENTER-TO-CENTER DISTANCE OF CONNECTIONS</b>	136 mm
<b>CURRENT TYPE</b>	AC/DC
<b>CLASS</b>	Class aR
<b>CLEARING (I<sub>2</sub>T)</b>	329000 at 1000 V
<b>WATT LOSSES</b>	95 W
<b>FUSE SHAPE</b>	Center bolted tags
<b>PRE ARC (I<sub>2</sub>T)</b>	39500
<b>COLOR</b>	None
<b>INTERRUPT RATING</b>	100 kAIC (250-2000A) 25 kAIC (35-200A) 50 kAIC at 800 Vdc (35-200A 450-600A)
<b>CONNECTION</b>	Blade end x blade end
<b>CONSTRUCTION SIZE</b>	Other
<b>MOUNTING METHOD</b>	Stud
<b>PACKAGING TYPE</b>	Standard
<b>VOLTAGE RATING</b>	1000 Vac, 800 Vdc
<b>TYPE</b>	High speed fuse
<b>APPLICATION</b>	Semiconductor, DC Common bus, DC drives, Power converters/rectifiers
<b>FUSE TYPE</b>	FWJ-A
<b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>	Other

## Resources

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

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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