

# Eaton FWJ-500A

Catalog Number: 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>                               | <b>Catalog Number</b>       |
| Eaton Bussmann series high speed cylindrical fuse | FWJ-500A                    |
|                                                   | <b>UPC</b>                  |
|                                                   | 051712796279                |
| <b>EAN</b>                                        | <b>Product Length/Depth</b> |
| 5027590021340                                     | 184 mm                      |
| <b>Product Height</b>                             | <b>Product Width</b>        |
| 64 mm                                             | 64 mm                       |
| <b>Product Weight</b>                             | <b>Warranty</b>             |
| 1179 g                                            | Not Applicable              |
| <b>Compliances</b>                                | <b>Certifications</b>       |
| CE Marked                                         | CSA Certified               |
| RoHS Compliant                                    | UL Recognized               |

## Product specifications

### Type

High speed fuse

### Application

Semiconductor, DC Common bus, DC drives, Power converters/rectifiers

### 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 (I<sup>2</sup>T)

329000 at 1000 V

### Watt losses

95 W

## Resources

### Catalogs

[eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf](#)

### Specifications and datasheets

[Eaton Specification Sheet - FWJ-500A](#)

#### Fuse shape

Center bolted tags

#### Pre arc (I<sub>2</sub>T)

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

#### Fuse type

FWJ-A

#### Fuse system (according to IEC 60269)

Other