

# Specifications

## Eaton 90FE

Eaton Bussmann series high speed British standard fuse, Single barrel, 90A, 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

<b>PRODUCT NAME</b>	Eaton Bussmann series high speed british standard fuse
<b>CATALOG NUMBER</b>	90FE
<b>UPC</b>	051712838351
<b>EAN</b>	5027590491365
<b>PRODUCT LENGTH/DEPTH</b>	82 mm
<b>PRODUCT HEIGHT</b>	39 mm
<b>PRODUCT WIDTH</b>	91 mm
<b>PRODUCT WEIGHT</b>	41.4 g
<b>WARRANTY</b>	Not Applicable
<b>COMPLIANCES</b>	CE Marked RoHS Compliant
<b>GLOBAL CATALOG</b>	90FE
<b>PRODUCT TYPE</b>	High speed british standard fuse

## Product specifications

<b>AMPERAGE RATING</b>	90 A
<b>BREAKING CAPACITY</b>	200 kA
<b>FUSE INDICATOR</b>	None
<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>	200 kA
<b>RATED VOLTAGE AC</b>	690 V
<b>RATED VOLTAGE DC</b>	500 V
<b>CENTER-TO-CENTER DISTANCE OF CONNECTIONS</b>	61.8 mm
<b>MOUNTING DIMENSION</b>	M6
<b>CURRENT TYPE</b>	AC/DC
<b>CLASS</b>	Class aR
<b>CLEARING (I<sub>2</sub>T)</b>	1300 at 415 V, 2100 at 660 V
<b>WATT LOSSES</b>	20 W
<b>FUSE SHAPE</b>	Offset bolted tags
<b>PRE ARC (I<sub>2</sub>T)</b>	360
<b>COLOR</b>	None
<b>INTERRUPT RATING</b>	200 kA RMS Sym, 50 kA at 500 Vdc
<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>	690 V (IEC), 700 V (UL)
<b>TYPE</b>	Fuse
<b>APPLICATION</b>	Semiconductor, DC Common bus, DC drives, power converters/rectifiers
<b>FUSE TYPE</b>	FE
<b>SUITABLE FOR</b>	EC-600 Trip indicator kit (indicator + clips) TI700 Fuse indicator MAI Microswitch/adaptor MBI Microswitch/adaptor
<b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>	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-emb.pdf](#)

[Bussmann series complete full line catalog no. 1007](#)

### DECLARATIONS OF CONFORMITY

[eaton-high-speed-british-standard-fuse-declaration-of-conformity-eu250044en.pdf](#)

[eaton-high-speed-british-standard-fuse-declaration-of-conformity-uk250922en.pdf](#)

### MCAD MODEL

[eaton-hs-bs88-body-fuses-mcad-3d-models-15-100afe.stp](#)

### TECHNICAL DATA SHEETS

[720024 CT, ET, FE, EET, FEE, FM, FMM, MT, MMT fuses](#)

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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