

# Specifications

## Eaton 170M5812D

Eaton Bussmann series high speed square body fuse, 700V (UL), 690V (IEC), 630A, 200 kAIC, Combination fuse status indicator, Fuse, Din 43-620 blade end X Din 43-620 blade end, Class aR

### General specifications

<b>PRODUCT NAME</b>	Eaton Bussmann series high speed square body fuse
<b>CATALOG NUMBER</b>	170M5812D
<b>UPC</b>	051712334525
<b>EAN</b>	5027590460880
<b>PRODUCT LENGTH/DEPTH</b>	150 mm
<b>PRODUCT HEIGHT</b>	72 mm
<b>PRODUCT WIDTH</b>	54 mm
<b>PRODUCT WEIGHT</b>	679 g
<b>WARRANTY</b>	Not Applicable
<b>COMPLIANCES</b>	CE Marked RoHS Compliant
<b>CERTIFICATIONS</b>	UL Recognized IEC Rated
<b>GLOBAL CATALOG</b>	170M5812D
<b>PRODUCT TYPE</b>	High speed square body fuse

## Product specifications

<b>AMPERAGE RATING</b>	630 A
<b>BREAKING CAPACITY</b>	200 kA
<b>FUSE INDICATOR</b>	Combination fuse status indicator
<b>INSULATED METAL GRIPPING LUGS (IMGL)</b>	No
<b>UTILIZATION CATEGORY</b>	aR (accompanied semiconductor protection)
<b>VOLTAGE TYPE</b>	AC
<b>FUSE SIZE</b>	2
<b>RATED VOLTAGE AC</b>	690 V
<b>CURRENT TYPE</b>	AC
<b>CLASS</b>	Class aR
<b>CLEARING (I<sub>2</sub>T)</b>	295000 at 660 V
<b>WATT LOSSES</b>	42 W
<b>FUSE SHAPE</b>	Square body, knife blade contacts
<b>PRE ARC (I<sub>2</sub>T)</b>	41000
<b>COLOR</b>	None
<b>INTERRUPT RATING</b>	200 kAIC
<b>FITTED WITH:</b>	Dual indicator
<b>CONNECTION</b>	Din 43-620 blade end x Din 43-620 blade end
<b>CONSTRUCTION SIZE</b>	2
<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>	DIN 43620 Bladed
<b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>	Other

## Resources

### CATALOGS

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

### DECLARATIONS OF CONFORMITY

[eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250464en.pdf](#)  
[eaton-high-speed-square-body-fuse-declaration-of-conformity-uk250947en.pdf](#)

### INSTALLATION VIDEOS

[Eaton's Switch disconnectors and Bussmann series fuses for MOEM Applications \(brightcove.net\)](#)

### MANUALS AND USER GUIDES

[High speed fuses application guide](#)

### MCAD MODEL

[eaton-hs-square-body-fuses-mcad-3d-models-pdc0054a.stp](#)

### PRODUCT NOTIFICATIONS

[eaton-bussmann-series-170m-fuses-product-change-notice-pcn-bur-00193-en-us.pdf](#)  
[eaton-bussmann-series-ukca-marking-high-speed-fuses-pcn-bur-00167-en-gb.pdf](#)

### TECHNICAL DATA SHEETS

[720101 DIN 43620 690V Dual ind](#)

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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