

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

PRODUCT NAME	Eaton Bussmann series high speed square body fuse
CATALOG NUMBER	170M5812D
EAN	5027590460880
UPC	051712334525
PRODUCT LENGTH/DEPTH	150 mm
PRODUCT HEIGHT	72 mm
PRODUCT WIDTH	54 mm
PRODUCT WEIGHT	679 g
COMPLIANCES	CE Marked RoHS Compliant
CERTIFICATIONS	UL Recognized IEC Rated

Product specifications

AMPERAGE RATING	630 A
BREAKING CAPACITY	200 kA
FUSE INDICATOR	Combination fuse status indicator
INSULATED METAL GRIPPING LUGS (IMGL)	No
UTILIZATION CATEGORY	aR (accompanied semiconductor protection)
VOLTAGE TYPE	AC
FUSE SIZE	2
RATED VOLTAGE AC	690 V
CURRENT TYPE	AC
CLASS	Class aR
CLEARING (I₂T)	295000 at 660 V
WATT LOSSES	42 W
FUSE SHAPE	Square body, knife blade contacts
PRE ARC (I₂T)	41000
COLOR	None
INTERRUPT RATING	200 kAIC
FITTED WITH:	Dual indicator
CONNECTION	Din 43-620 blade end x Din 43-620 blade end
CONSTRUCTION SIZE	2
PACKAGING TYPE	Standard
VOLTAGE RATING	690 V (IEC), 700 V (UL)
TYPE	Fuse
APPLICATION	Semiconductor, DC Common bus, DC drives, power converters/rectifiers
FUSE TYPE	DIN 43620 Bladed
FUSE SYSTEM (ACCORDING TO IEC 60269)	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-ukca-marking-high-speed-fuses-pcn-bur-00167-en-gb.pdf](#)

[eaton-bussmann-series-170m-fuses-product-change-notice-pcn-bur-00193-en-us.pdf](#)

TECHNICAL DATA SHEETS

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

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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