

Specifications



Eaton 170M7640

Fuse-link, high speed, 2500 A, AC 1000 V, 200 kA, size 4, 105 x 120 x 95 mm, aR, IEC, type K indicator

General specifications

PRODUCT NAME	Eaton Bussmann series high speed square body fuse
CATALOG NUMBER	170M7640
UPC	051712309790
EAN	5996516021750
PRODUCT LENGTH/DEPTH	202 mm
PRODUCT HEIGHT	116 mm
PRODUCT WIDTH	140 mm
PRODUCT WEIGHT	5475 g
WARRANTY	No warranty
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	IEC Rated
GLOBAL CATALOG	170M7640



Powering Business Worldwide

Product specifications

USED WITH	Protection of power rectifiers
AMPERAGE RATING	2500 A
BREAKING CAPACITY	200 kA
FUSE INDICATOR	Centre fuse status indicator
INSULATED METAL GRIPPING LUGS (IMGL)	No
UTILIZATION CATEGORY	aR (accompanied semiconductor protection)
VOLTAGE TYPE	AC
FUSE SIZE	4
RATED VOLTAGE AC	1000 V
CENTER-TO-CENTER DISTANCE OF CONNECTIONS	94.6 mm
CURRENT TYPE	AC
MOUNTING DIMENSION	M10
CLASS	Class aR
CLEARING (I2T)	18000000 at 1000 V
WATT LOSSES	295 W
PRE ARC (I2T)	3000000
COLOR	None
INTERRUPT RATING	200 kAIC
CONSTRUCTION SIZE	4
MOUNTING METHOD	Flush
PACKAGING TYPE	Standard
VOLTAGE RATING	1000 V (IEC)
TYPE	Fuse
APPLICATION	semiconductor protection
FUSE TYPE	Flush end BKN/95 Type K Indicator
FUSE SYSTEM (ACCORDING TO IEC 60269)	Other

Resources

CATALOGS	eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf
MANUALS AND USER GUIDES	High speed fuses application guide
MCAD MODEL	eaton-hs-square-body-fuses-mcad-3d-models-u1241.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	170M Size 4 Flush end fuses 1000 VAC (IEC and IEC/UL)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

Follow us on social media to get the latest product and support information.



© 2025 Eaton. All Rights Reserved.