

Specifications



Eaton 170M2107

Fuse-link, high speed, 100 A, DC 1200 V, compact size 1, 39 x 66 x 164 mm, aR, IEC, single indicator

General specifications

PRODUCT NAME	Eaton Bussmann series high speed traction fuse
CATALOG NUMBER	170M2107
UPC	051712423724
EAN	5027590442152
PRODUCT LENGTH/DEPTH	164 mm
PRODUCT HEIGHT	66 mm
PRODUCT WIDTH	39 mm
PRODUCT WEIGHT	750 g
COMPLIANCES	CE RoHS Compliant EAC
CERTIFICATIONS	IEC 60269-4
GLOBAL CATALOG	170M2107
PRODUCT TYPE	High speed traction fuse



Powering Business Worldwide

Product specifications

AMPERAGE RATING	100 A
BREAKING CAPACITY	100 kA
VOLTAGE TYPE	DC
UTILIZATION CATEGORY	aR (accompanied semiconductor protection)
RELEASE CHARACTERISTIC	Other
FUSE INDICATOR	Other
FREQUENCY RATING - MIN	45 Hz
FREQUENCY RATING - MAX	62 Hz
RATED SWITCHING CAPACITY	150 A
FUSE SIZE	1*
CLASS	Class aR
CLEARING (I2T)	11600 at 1200 Vdc
WATT LOSSES	26 W
FUSE SHAPE	Square body, offset bolted tags
PRE ARC (I2T)	3800
MOUNTING DIMENSION	M8
CENTER-TO-CENTER DISTANCE OF CONNECTIONS	139.5 mm
CURRENT TYPE	DC
RATED VOLTAGE DC	1200 V
COLOR	None
INTERRUPT RATING	50 kAIC
CONSTRUCTION SIZE	Other
MATERIAL	Ceramic
PACKAGING TYPE	Standard
VOLTAGE RATING	1200 V
TYPE	Fuse
APPLICATION	<ul style="list-style-type: none">• traction• third rail
FITTED WITH:	Single slot tags
FUSE SYSTEM (ACCORDING TO IEC 60269)	Other

Resources

	Traction fuse-links
CATALOGS	eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf
DECLARATIONS OF CONFORMITY	eaton-high-speed-square-body-fuse-declaration-of-conformity-uk251153en.pdf eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250670en.pdf
MCAD MODEL	eaton-traction-fuses-mcad-3d-models-170m2103.stp

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

© 2026 Eaton. All Rights Reserved.

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

