

# Specifications



## Eaton 170M1810

Fuse-link, high speed, 160 A, AC 1000 V, size 000, 24 x 36 x 115 mm, aR, IEC

### General specifications

<b>PRODUCT NAME</b>	Eaton Bussmann series high speed square body fuse
<b>CATALOG NUMBER</b>	170M1810
<b>MODEL CODE</b>	FUSE 160A 1000V DC 000FU/90 AR UR
<b>UPC</b>	051712683012
<b>EAN</b>	5027590441810
<b>PRODUCT LENGTH/DEPTH</b>	115 mm
<b>PRODUCT HEIGHT</b>	24 mm
<b>PRODUCT WIDTH</b>	36 mm
<b>PRODUCT WEIGHT</b>	158 g
<b>COMPLIANCES</b>	CE Marked RoHS Compliant
<b>CERTIFICATIONS</b>	UL Recognized IEC 60269
<b>GLOBAL CATALOG</b>	170M1810



Powering Business Worldwide

## Product specifications

<b>USED WITH</b>	IGBT inverter circuits with DC link voltages up to 1000 Vdc
<b>AMPERAGE RATING</b>	160 A
<b>BREAKING CAPACITY</b>	50 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>FUSE SIZE</b>	000
<b>RATED VOLTAGE DC</b>	1000 V
<b>CENTER-TO-CENTER DISTANCE OF CONNECTIONS</b>	91 mm
<b>CURRENT TYPE</b>	DC
<b>MOUNTING DIMENSION</b>	M8
<b>CLASS</b>	Class aR
<b>WATT LOSSES</b>	37 W
<b>FUSE SHAPE</b>	Square body, offset bolted tags
<b>COLOR</b>	None
<b>INTERRUPT RATING</b>	50 kAIC
<b>CONSTRUCTION SIZE</b>	000
<b>PACKAGING TYPE</b>	Standard
<b>VOLTAGE RATING</b>	1000 V
<b>TYPE</b>	Fuse
<b>APPLICATION</b>	IGBT circuits, semiconductor protection
<b>FUSE TYPE</b>	Bolted tag
<b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>	Other

## Resources

CATALOGS	<a href="#">eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf</a>
DECLARATIONS OF CONFORMITY	<a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250670en.pdf</a> <a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-uk251153en.pdf</a>
MANUALS AND USER GUIDES	<a href="#">High speed fuses application guide</a>
MCAD MODEL	<a href="#">eaton-hs-square-body-fuses-mcad-3d-models-u0805.stp</a>
PRODUCT NOTIFICATIONS	<a href="#">eaton-bussmann-series-170m-fuses-product-change-notice-pcn-bur-00193-en-us.pdf</a> <a href="#">eaton-bussmann-series-ukca-marking-high-speed-fuses-pcn-bur-00167-en-gb.pdf</a>

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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