

Specifications



Eaton 170M4659

Fuse-link, high speed, 250 A, AC 690 V, size 1, 53 x 69 x 136 mm, aR, IEC, UL, single indicator, 90 mm fixing centres

General specifications

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|-----------------------------|---|
| PRODUCT NAME | Eaton Bussmann series high speed square body fuse |
| CATALOG NUMBER | 170M4659 |
| MODEL CODE | FUSE 250A 690V 1FKE/90 AR UC |
| UPC | 051712259415 |
| EAN | 5027590453776 |
| PRODUCT LENGTH/DEPTH | 245 mm |
| PRODUCT HEIGHT | 62 mm |
| PRODUCT WIDTH | 142 mm |
| PRODUCT WEIGHT | 184.3333333 g |
| WARRANTY | Not Applicable |
| COMPLIANCES | CE Marked RoHS Compliant |
| CERTIFICATIONS | UL Recognized IEC Rated |
| GLOBAL CATALOG | 170M4659 |



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Product specifications

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| AMPERAGE RATING | 250 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 | 1 |
| RATED VOLTAGE AC | 690 V |
| CENTER-TO-CENTER DISTANCE OF CONNECTIONS | 91 mm |
| CURRENT TYPE | AC |
| MOUNTING DIMENSION | M12 |
| CLASS | Class aR |
| CLEARING (I2T) | 21000 at 660 V |
| WATT LOSSES | 55 W |
| FUSE SHAPE | Square body, center bolted tags |
| PRE ARC (I2T) | 3100 |
| COLOR | None |
| INTERRUPT RATING | 200 kAIC |
| FITTED WITH: | Type K Indicator for micro |
| CONNECTION | Blade end x blade end |
| CONSTRUCTION SIZE | 1 |
| PACKAGING TYPE | Standard |
| VOLTAGE RATING | 690 V |
| TYPE | Fuse |
| APPLICATION | Semiconductor, DC Common bus, DC drives, power converters/rectifiers |
| FUSE TYPE | US Style FKE/Type K indicator for micro Bolted tag |
| FUSE SYSTEM (ACCORDING TO IEC 60269) | Other |

Resources

| | |
|----------------------------|---|
| | eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf |
| CATALOGS | 170M4659~Eaton Bussmann series high speed square body fuse Bussmann series complete full line catalog no. 1007 |
| DECLARATIONS OF CONFORMITY | eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250033en.pdf eaton-high-speed-square-body-fuse-declaration-of-conformity-uk250911en.pdf |
| MANUALS AND USER GUIDES | High speed fuses application guide |
| MCAD MODEL | eaton-hs-square-body-fuses-mcad-3d-models-u0052.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 |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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