

AFDD-MCB-Combination 230V, 6kA, 2pole, C, 20A Compact (1MW)



| Model | |
|--|------------------------------|
| Product brand name | SENTRON |
| Design of the product | Compact unit |
| General technical data | |
| Number of poles | 2 |
| Number of poles / Note | 1P+N |
| Size of installation devices / acc. to DIN 43880 | 1 |
| Protection against electrical shock / acc. to EN 50274 | finger and back-of-hand safe |
| Mechanical service life (switching cycles) / typical | 10 000 |
| Switching function / short-term delayed | No |
| Overvoltage category | III |
| Supply voltage | |
| Type of voltage | AC |
| Current / at AC / rated value | 20 A |
| Supply voltage | |
| • at AC / rated value | 230 V |
| Supply voltage frequency | |
| • rated value | 50Hz |

| Protection class | |
|---|---|
| Protection class IP | IP20, with connected protective device and conductors |
| Dissipation | |
| Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole | 0.6 W |
| Electricity | |
| Tripping current | 50 ... 500 |
| | 1 ... 20 |
| Product details | |
| Product feature | |
| • halogen-free | Yes |
| • silicon-free | Yes |
| Product extension / can be installed / supplementary devices | Yes |
| Connections | |
| • Connectable conductor cross-section | |
| — stranded | 0.75 ... 16 mm ² |
| • Connectable conductor cross-section / finely stranded / with core end processing | 0.75 ... 16 mm ² |
| | 0.75 ... 10 mm ² |
| Tightening torque / with screw-type terminals | 2 ... 2.5 N·m |
| Position / of power supply cord | any |
| Mechanical Design | |
| Height | 90 mm |
| Width | 18 mm |
| Depth | 68.5 mm |
| Installation depth | 70 mm |
| Number of width units | 1 |
| Mounting type | DIN rail (REG) |
| Mounting position | any |
| Net weight | 150 g |
| Environmental conditions | |
| Ambient temperature | -25 ... +45 °C |
| | -40 ... +75 °C |
| Certificates | |



EG-Konf.

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SV6016-7KK20>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/5SV6016-7KK20>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV6016-7KK20

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>







