SIEMENS

Data sheet 5SM6011-2



Arc fault detection device block AFDD, 1-16 A 230 V for MCB or RCBO 1+N 1 MW $\,$

product brand name product designation design of the product General technical data number of poles design of pole size of installation devices according to DIN 43880 touch protection against electrical shock according to EN 50274 mechanical service life (operating cycles) typical switching function short-term delayed overvoltage category degree of pollution type of voltage of the operating voltage Sentron Arc-fault detection unit block for MCB 5SY60 2 1P+N 1P+N 1 finger and back-of-hand safe 10 000 No No No Arc-fault detection unit block for MCB 5SY60 1P+N 1P+N 1P+N 1P+N 1P+N 1P+N 1P+N 1P+
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mechanical service life (operating cycles) typical switching function short-term delayed overvoltage category degree of pollution type of voltage of the operating voltage No LII AC Supply voltage
switching function short-term delayed overvoltage category degree of pollution type of voltage of the operating voltage Supply voltage
overvoltage category degree of pollution type of voltage of the operating voltage AC Supply voltage
degree of pollution 2 type of voltage of the operating voltage AC Supply voltage
type of voltage of the operating voltage AC Supply voltage
Supply voltage
supply voltage
• at AC rated value 230 V
value range of the supply voltage frequency 50Hz
Protection class
protection class IP IP20, with connected protective device and conductors
Current
tripping current
• in the event of electrical arcs in parallel with the load minimum 50 A
 in the event of electrical arcs in parallel with the load maximum 500 A
• in the event of electrical arcs in series with the load minimum 2 A
 in the event of electrical arcs in series with the load maximum 16 A
operational current at AC rated value 16 A
Product details
product feature
• halogen-free Yes
• silicon-free Yes
product extension installable supplementary devices Yes
Connections
connectable conductor cross-section solid
• minimum 0.75 mm²
• maximum 16 mm²

connectable conductor cross-section stranded 0.75 mm² minimum maximum 16 mm² connectable conductor cross-section finely stranded with core end processing 0.75 mm² minimum 10 mm² maximum tightening torque with screw-type terminals • minimum 2 N·m • maximum 2.5 N·m Bottom position of power supply cord Mechanical Design height 95 mm width 36 mm depth 68.5 mm 70 mm installation depth number of modular width units 1 number of modular width units of the mountable protective 1 device fastening method DIN rail (REG) mounting position any net weight 114 g ambient temperature during operation -25 °C • minimum • maximum 45 °C ambient temperature during storage -40 °C • minimum 75 °C maximum 55 °C ambient temperature with relative humidity 95% number of test cycles for environmental testing according 28 to IEC 60068-2-30 **Declaration of**

Confirmation

General Product Approval











Conformity

Declaration of Conformity

Test Certificates

other



Miscellaneous

Miscellaneous

Environmental Confirmations <u>Miscellaneous</u>

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=5SM6011-2

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

https://support.industry.siemens.com/cs/ww/en/ps/5SM6011-2

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

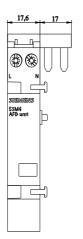
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM6011-2

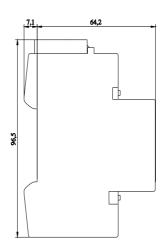
CAx-Online-Generator

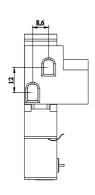
http://www.siemens.com/cax

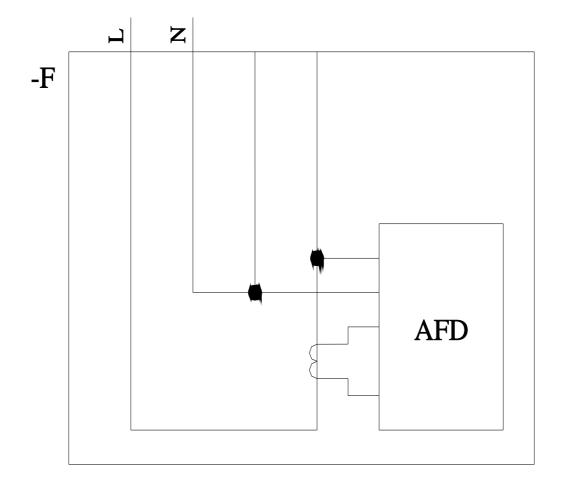
Tender specifications

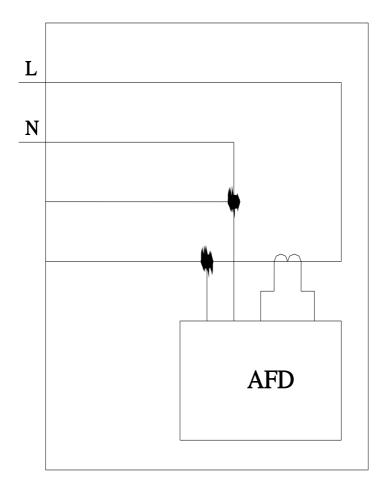
http://www.siemens.com/specifications











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