



ARC FAULT DETECTION ELEMENT 1-16A 230V 1MW  
FOR MCB AND RCBO 1+N 2MW

Similar to image

### Technical data:

<b>Product extension / can be installed / supplementary device</b>		Yes
<b>mounting position</b>		any
<b>Mounting depth</b>	mm	70
<b>Current / for AC / rated value</b>	A	16
<b>Number of poles</b>		2
<b>Mechanical operating cycles as operating time / typical</b>		10,000
<b>Degree of pollution</b>		2
<b>Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30</b>		28
<b>Tightening torque</b> • with screw-type terminals	N-m	2 ... 2.5
<b>Product feature</b> • [not supplied - silicon-free] • halogen-free		Yes Yes
<b>Tripping current</b> • in the event of electrical arcs in series with the load • in the event of electrical arcs in parallel with the load	A A	1 ... 20 50 ... 500
<b>Number of modular widths for width / of the mountable protective device</b>		2

### Supply voltage:

#### Supply voltage frequency / rated value

Hz 50

#### Supply voltage

- for AC / rated value

V 230

### Connection elements and terminals:

#### Conductor cross-section that can be connected

- solid
- multibrain / minimum
- finely stranded
- with wire end processing

mm<sup>2</sup> 0.75 ... 16

mm<sup>2</sup> 0.75

mm<sup>2</sup> 0.75 ... 10

### Ambient conditions:

#### Ambient temperature / at a relative humidity of 95 %

°C 55

#### Ambient temperature

°C -25 ... +45

#### Ambient temperature

- during storage

°C -40 ... +75

### Certificates/approvals:

#### General Product Approval



### Further information:

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

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

#### Industry Mall (Online ordering system)

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

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

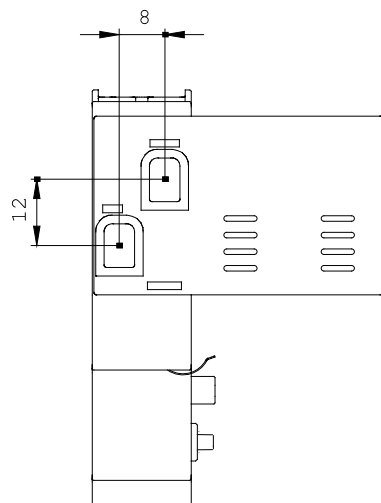
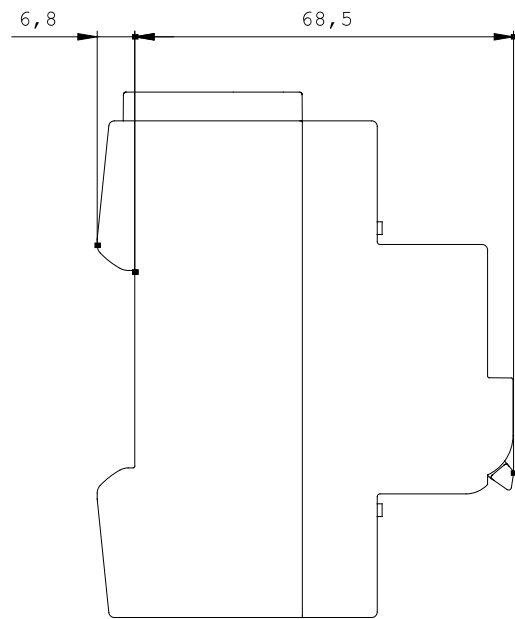
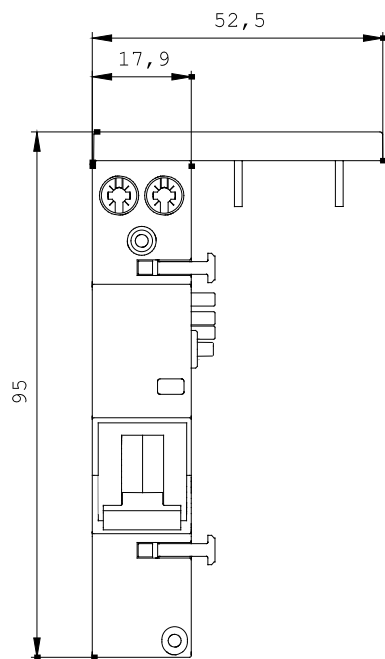
<http://support.automation.siemens.com/WW/view/en/5SM6021-1/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SM6021-1](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM6021-1)

#### CAX-Online-Generator

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



last change:

Dec 5, 2012