



EARTH FAULT MODULE;  
 1 INPUT TO CONNECT A SUMMATION CURR. TRANSF.  
 3UL22 ;MAX. 1 EARTH FAULT MODULE PER BASE UNIT  
 2

General technical data:		
<b>product brand name</b>		SIRIUS
<b>product designation</b>		ground fault modules
<b>Protection class IP</b>		IP20
<b>mounting position</b>		any
<b>Installation altitude / at a height over sea level / maximum</b>	m	4,000
<b>Ambient temperature</b>		
• during storage	°C	-40 ... +80
• during operating	°C	-25 ... +60
• during transport	°C	-40 ... +80
<b>Relative humidity</b>		
• during operating phase	%	5 ... 95
<b>EMC immunity to interference / according to IEC 60947-1</b>		corresponds to degree of severity 3
<b>Conductor-bound parasitic coupling BURST</b>		
• according to IEC 61000-4-4		1 kV
<b>Conductor-bound parasitic coupling conductor-earth SURGE</b>		
• according to IEC 61000-4-5		2 kV
<b>Conductor-bound parasitic coupling conductor-conductor SURGE</b>		
• according to IEC 61000-4-5		1 kV

<b>Field-bound parasitic coupling</b>		10 V/m
<ul style="list-style-type: none"> <li>• according to IEC 61000-4-3</li> </ul>		
<b>Resistance against vibration</b>		1-6 Hz / 15 mm; 6-500 Hz / 2 g
<b>Impulse voltage resistance / rated value</b>	V	4,000
<b>Insulation voltage / rated value</b>	V	300
<b>Number of inputs</b>		1
<b>Number of analog outputs</b>		0
<b>Number of analog inputs</b>		1
<b>Number of digital inputs</b>		0
<b>Number of outputs / as contact-affected switching element</b>		0
<b>Product component / input for thermistor connection</b>		No
<b>Item designation</b>		
<ul style="list-style-type: none"> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>		A
<ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> </ul>		B

#### Installation/mounting/dimensions:

<b>Type of mounting</b>		screw and snap-on mounting
<b>Width</b>	mm	22.5
<b>Height</b>	mm	92
<b>Depth</b>	mm	124

#### Connections:

<b>Design of the electrical connection</b>		
<ul style="list-style-type: none"> <li>• for auxiliary and control current circuit</li> </ul>		screw-type terminals
<b>Conductor cross-section that can be connected / for auxiliary contact</b>		
<ul style="list-style-type: none"> <li>• solid</li> </ul>	mm <sup>2</sup>	0.5 ... 4
<ul style="list-style-type: none"> <li>• finely stranded</li> </ul>		
<ul style="list-style-type: none"> <li>• with conductor end processing</li> </ul>	mm <sup>2</sup>	0.5 ... 2.5
<ul style="list-style-type: none"> <li>• without conductor final cutting</li> </ul>	mm <sup>2</sup>	0.5 ... 2.5
<b>AWG number / as coded connectable conductor cross-section</b>		
<ul style="list-style-type: none"> <li>• for auxiliary contact</li> </ul>		20 ... 14

#### Certificates/approvals:

<b>Verification of suitability</b>		CE / UL / CSA / CCC / C-TICK / GOST / NOM / ABS / DNV / GL / LRS / RoHS
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#### Certificates/approvals:

<b>General Product Approval</b>	<b>EMC</b>	<b>For use in hazardous locations</b>
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CCC



CSA



GOST



UL



C-TICK

[Explosion Protection Certificate](#)

**Test Certificates**

[Special Test Certificate](#)

**Shipping Approval**



ABS



DNV



GL

**other**

[Confirmation](#)

[Declaration of Conformity](#)



Profibus

[PROFINET-Certification](#)

[PROFISafe-Certification](#)

[other](#)

**Safety:**

**Protection against electrical shock**

finger-safe

**Further information:**

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

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrial-controls/mall>

**Cax online generator**

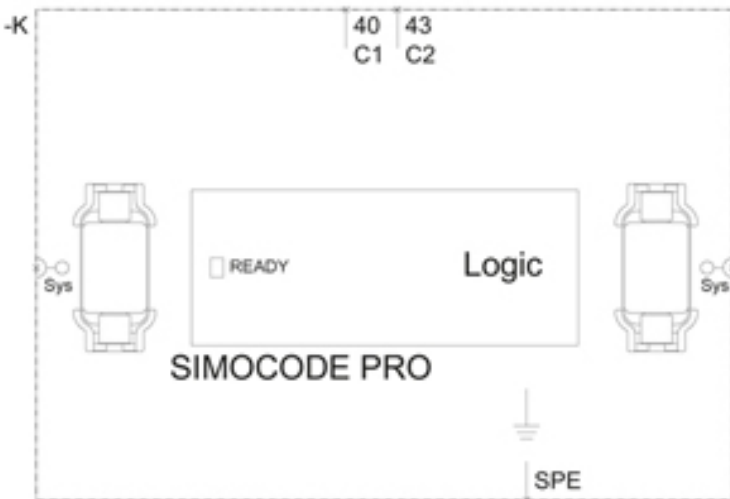
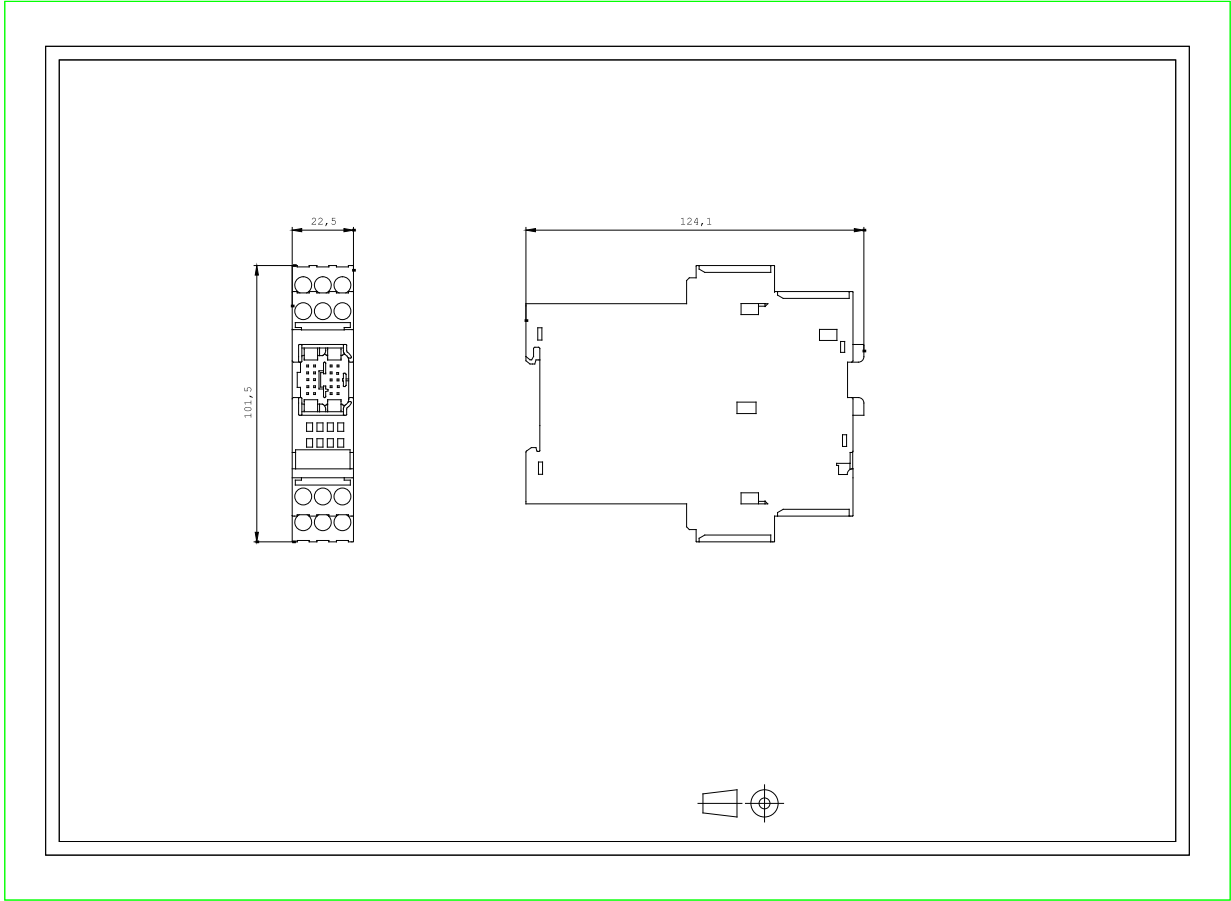
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3UF7500-1AA00-0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3UF7500-1AA00-0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3UF7500-1AA00-0)



last change:

Feb 11, 2013