



TEMPERATURE MODULE;
3 INPUTS TO CONNECT UP TO 3 TEMPERATURE
SENSORS;
MAX. 1 TEMPERATURE MODULE PER BASE UNIT 2

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

Field-bound parasitic coupling		
• according to IEC 61000-4-3		10 V/m
Resistance against vibration		1-6 Hz / 15 mm; 6-500 Hz / 2 g
Impulse voltage resistance / rated value	V	4,000
Insulation voltage / rated value	V	300
Number of inputs		3
Number of analog outputs		0
Number of analog inputs		3
Number of digital inputs		0
Number of outputs / as contact-affected switching element		0
Product component / input for thermistor connection		No
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		A
• according to DIN EN 61346-2		B

Installation/mounting/dimensions:

Type of mounting		screw and snap-on mounting
Width	mm	22.5
Height	mm	92
Depth	mm	124

Connections:

Design of the electrical connection		
• for auxiliary and control current circuit		screw-type terminals
Conductor cross-section that can be connected / for auxiliary contact		
• solid	mm ²	0.5 ... 4
• finely stranded		
• with conductor end processing	mm ²	0.5 ... 2.5
• without conductor final cutting	mm ²	0.5 ... 2.5
AWG number / as coded connectable conductor cross-section		
• for auxiliary contact		20 ... 14

Certificates/approvals:

Verification of suitability		CE / UL / CSA / CCC / C-TICK / GOST / NOM / ABS / DNV / GL / LRS / RoHS
------------------------------------	--	---

General Product Approval	EMC	For use in hazardous locations
--------------------------	-----	--------------------------------



CCC



CSA



GOST



UL



C-TICK

[Explosion Protection Certificate](#)

Test Certificates	Shipping Approval
-------------------	-------------------

[Special Test Certificate](#)



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

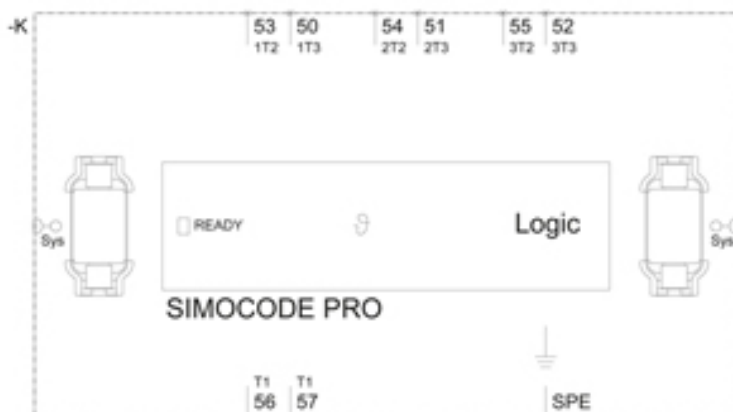
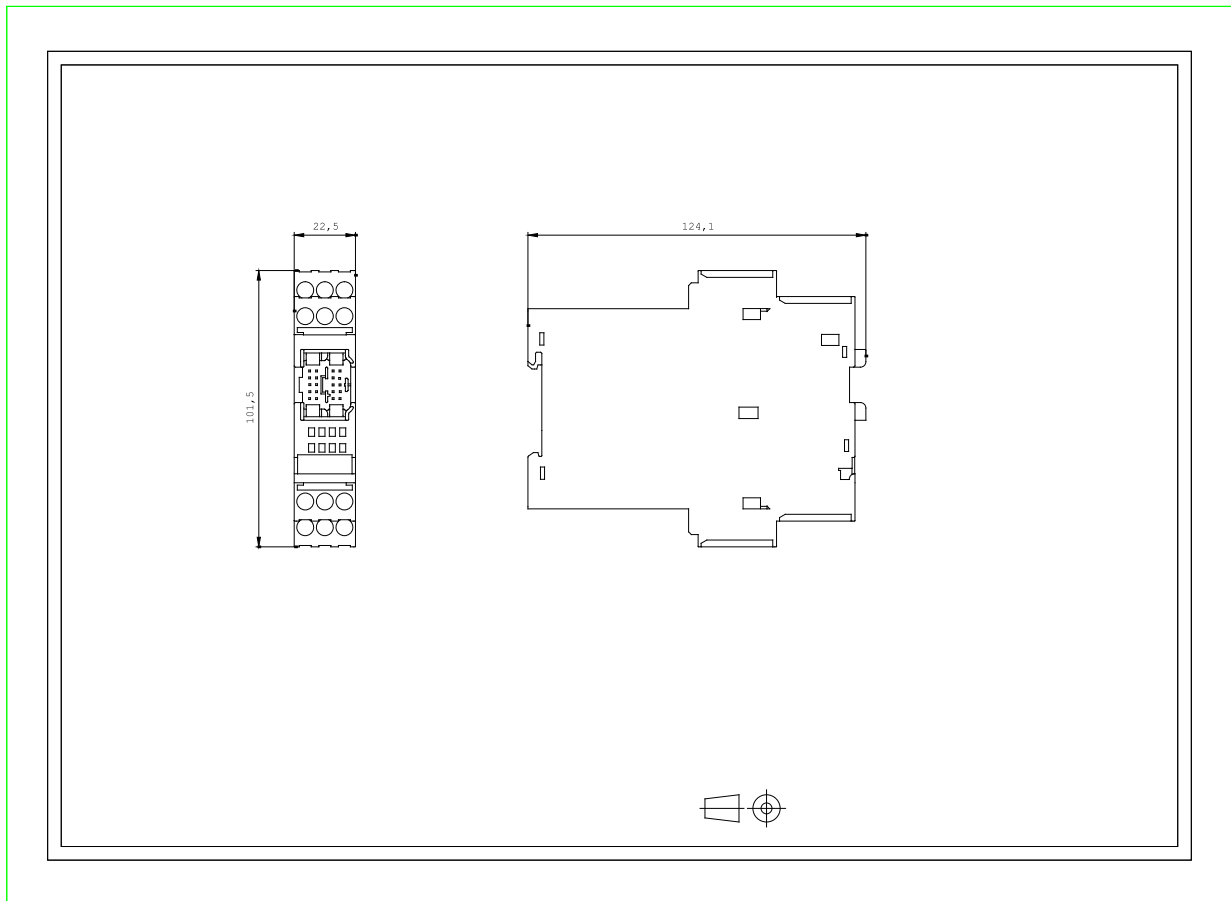
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3UF7700-1AA00-0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3UF7700-1AA00-0



last change:

Feb 18, 2013