



DIGITAL MODULE;
4 INPUTS AND 2 RELAY OUTPUTS;
INPUT VOLTAGE DC 24V;
BISTABLE RELAY OUTPUTS;
MAXIMUM 2 DIGITAL MODULES PER BASIC UNIT 2

General technical data:		
product brand name		SIRIUS
product designation		digital modules
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		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
Switching behaviour		bistable
Number of outputs		2
Number of inputs		4
Number of analog outputs		0
Number of analog inputs		0
Number of digital inputs		4
Number of outputs / as contact-affected switching element		2
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		K

Control circuit:

Type of voltage / of the controlled supply voltage		DC
Control supply voltage		
• for DC		
• rated value	V	24 ... 24

Installation/mounting/dimensions:

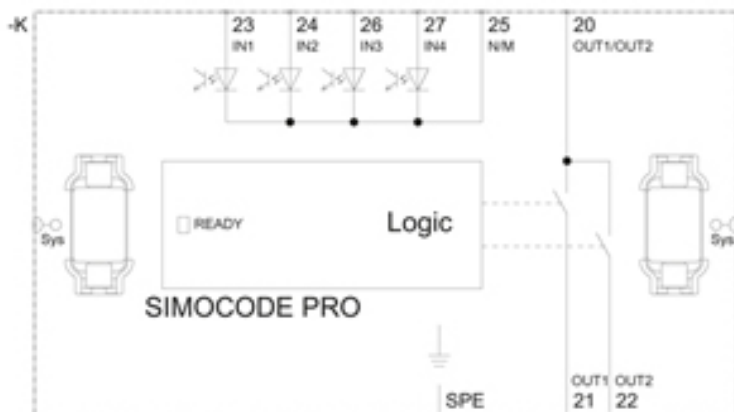
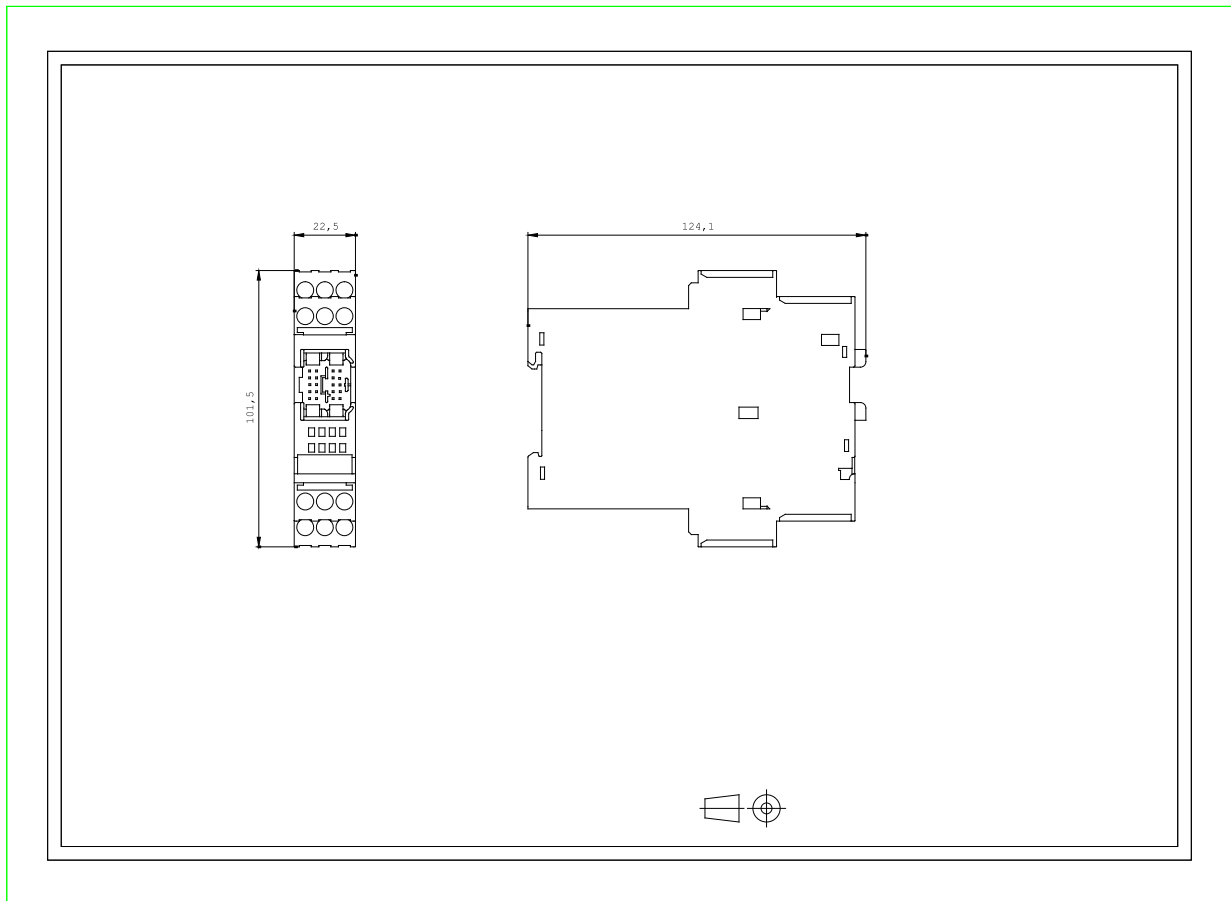
Type of mounting		screw and snap-on mounting
Width	mm	22.5
Height	mm	92
Depth	mm	124

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		
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/3UF7310-1AB00-0/all					
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3UF7310-1AB00-0					



last change:

Feb 18, 2013