



BASIC UNIT 2 SIMOCODE PRO V;
 PROFIBUS DP INTERFACE 12 MBIT/S, RS485;
 4I/3O FREELY PARAMETERIZABLE;
 US: AC/DC 110-240V;
 INPUT F. THERMISTOR MOTOR PROTECTION;
 RELAY OUTPUTS MONOSTABLE;
 EXPANDABLE BY EXPANSION MODULES

General technical data:

Product brand name		SIRIUS
product designation		basic unit 2
Protection class IP		IP20
Built in orientation		any
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		2 kV (power ports) / 1 kV (signal ports)
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
EMC emitted interference / according to IEC 60947-1		class A
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
Active power loss / total / typical	W	10
Switching behaviour		monostable
Number of outputs		3
Number of inputs		4

Number of semiconductor outputs		0
Number of outputs / as contact-affected switching element		3
Product component <ul style="list-style-type: none"> • input for thermistor connection • input for analog temperature sensors • input for ground-fault detection 		Yes No No
Product function <ul style="list-style-type: none"> • voltage detection • current detection 		Yes Yes
Item designation <ul style="list-style-type: none"> • according to DIN EN 61346-2 • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 		F F

Communication:

Product function <ul style="list-style-type: none"> • bus-communication 		Yes
Protocol / will be supported / PROFIBUS DP protocol		Yes

Supply voltage:

Type of voltage <ul style="list-style-type: none"> • of supply voltage 		AC/DC
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Control circuit:

Type of voltage <ul style="list-style-type: none"> • of the controlled supply voltage 		AC/DC
Control supply voltage frequency / 1 <ul style="list-style-type: none"> • rated value 	Hz	50
Control supply voltage frequency / 2 <ul style="list-style-type: none"> • rated value 	Hz	60
Control supply voltage <ul style="list-style-type: none"> • 1 / for DC / rated value • for DC / rated value • at 50 Hz / at AC / rated value • at 60 Hz / at AC / rated value 	V V V V	240 110 ... 240 110 ... 240 110 ... 240

Installation/mounting/dimensions:

Type of mounting		screw and snap-on mounting
Width	mm	45
Height	mm	111
Depth	mm	124

Connections:

Product function

- removable terminal for auxiliary and control circuit

Yes

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
- stranded wire
 - with conductor end processing
 - without conductor final cutting

mm²

0.5 ... 4

mm²

0.5 ... 2.5

mm²

0.5 ... 2.5

AWG number / as coded connectable conductor cross-section

- for auxiliary contact

20 ... 14

Ambient conditions:

Installation altitude / at a height over sea level / maximum

m

4,000

Ambient temperature

- during storage
- during operating
- during transport

°C

-40 ... 80

°C

-25 ... 60

°C

-40 ... 80

Relative humidity / during operating phase

%

5 ... 95

Certificates/approvals:

Verification of suitability

CE / UL / CSA / CCC / C-TICK / GOST / NOM / ATEX / NEPSI / ABS / DNV / GL / LRS / RoHS

General Product Approval

For use in hazardous locations



CQC



CSA

[ROSTEST](#)



UL

[CQST](#)

[DEKRA EXAM, DMT](#)

Test Certificates

Shipping Approval

[Manufacturer](#)



ABS



DNV



GL



LRS

other

[Manufacturer](#)

[PNO](#)

[other](#)

Safety:

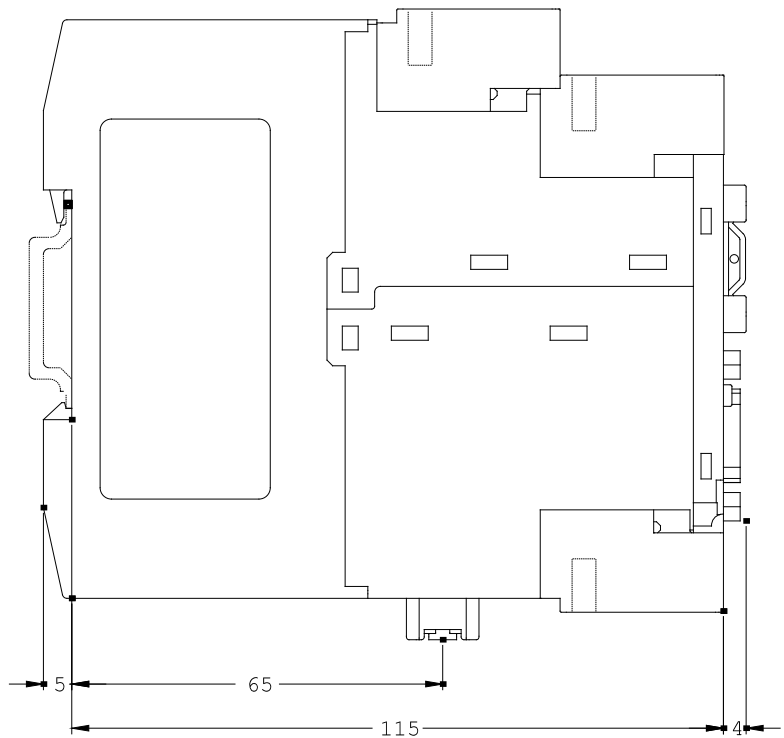
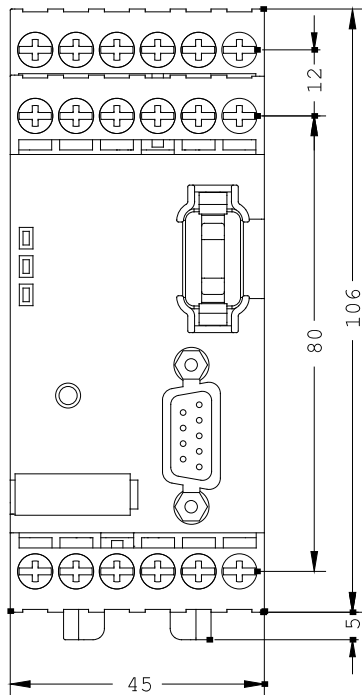
Protection against electrical shock

finger-safe

Further information:

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

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



last change:

Oct 31, 2011