



SIRIUS, INTERFACE MODULE DP-INTERFACE,
FOR MODULAR SAFETY SYSTEM 3RK3 PROFIBUS-DP
INTERFACE 12 KBIT/S,
RS 485 45MM WIDTH SCREW TERMINAL CONNECTION
PARAMETRIZABLE BY MSS ES

General technical data:

product brand name		SIRIUS
product designation		Modular Safety System 3RK3
Design of the product		DP-Interface
Protection class IP		IP20
Resistance against shock		15g / 11 ms
Degree of pollution		2
Protocol / will be supported / PROFIBUS DP protocol		Yes
mounting position		vertical
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature		
• during operating	°C	-20 ... +60
• during storage	°C	-40 ... +85
• during transport	°C	-40 ... +85
Relative humidity		
• during operating phase	%	10 ... 95
Conductor-bound parasitic coupling BURST / according to IEC 61000-4-4		2 kV (power ports)
Conductor-bound parasitic coupling conductor-earth SURGE / according to IEC 61000-4-5		Test Level 0.5 KV / 1 KV

Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K
Item designation / according to DIN EN 61346-2		K

Control circuit:

type of voltage		DC
Control supply voltage / 1 / for DC / rated value	V	24
Operating range factor control supply voltage rated value • of the solenoid		0.85 ... 1.15

Installation/mounting/dimensions:

Type of mounting		standard rail
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	mm ²	0.5 ... 4
• stranded wire • with conductor end processing	mm ²	0.5 ... 2.5
AWG number / as coded connectable conductor cross-section • for auxiliary contact		20 ... 14
Type of the connectable conductor cross-section / for auxiliary contacts • solid		1x (0.5 ... 4 mm ²), 2x (0.5 ... 2.5 mm ²)
• finely stranded • with conductor end processing		1x (0.5 ... 2.5 mm ²), 2x (0.5 ... 1.5 mm ²)
Type of the connectable conductor cross-section / for AWG conductors • for auxiliary contacts		2x (20 ... 14)

Certificates/approvals:

General Product Approval



Functional Safety / Safety of Machinery

[other](#)

other

[Confirmation](#)

[Declaration of
Conformity](#)



Profibus

[Environmental
Confirmations](#)

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:

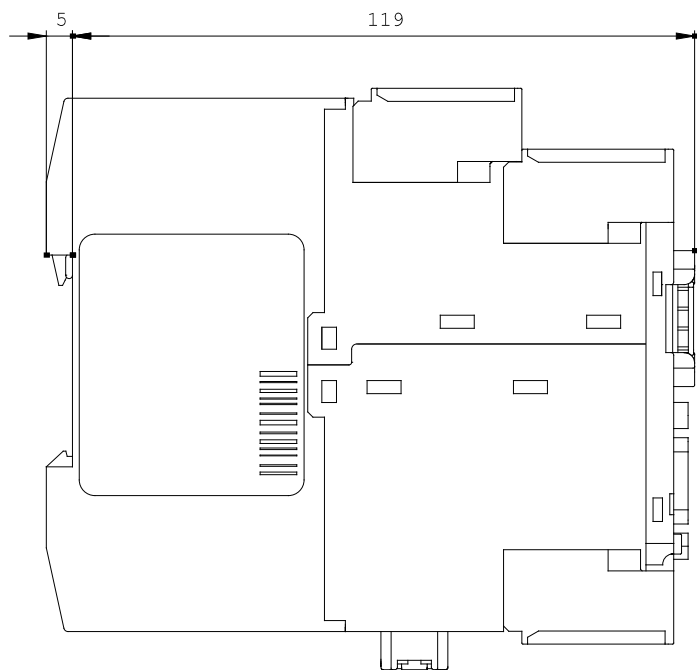
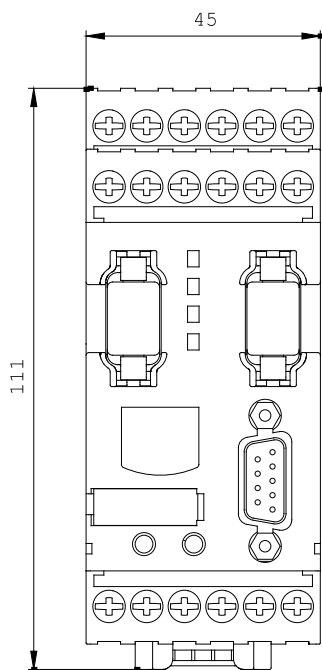
<http://www.siemens.com/cax>

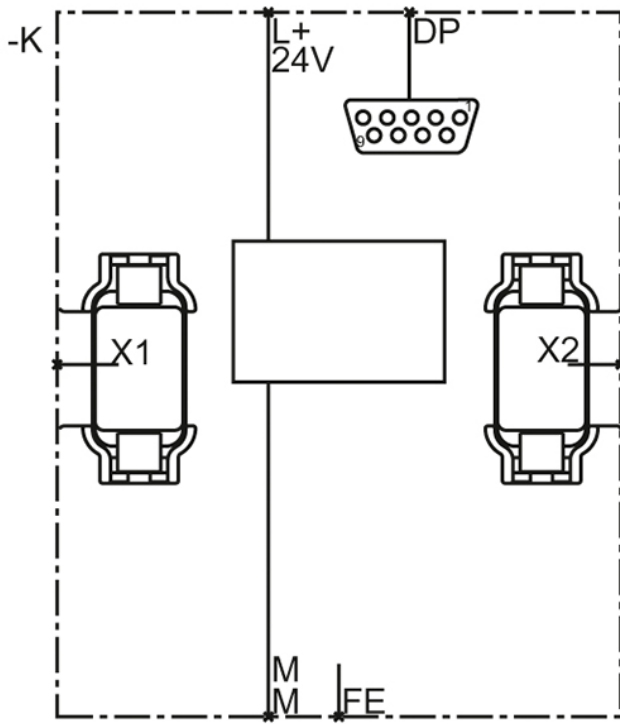
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RK3511-1BA10/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK3511-1BA10





last change:

Jul 17, 2012