



SIRIUS, INTERFACE MODULE DP-INTERFACE, FOR MODULAR SAFETY SYSTEM 3RK3 PROFIBUS-DP INTERFACE 12 KBIT/S, RS 485 45MM WIDTH SPRING-LOADED TERMINAL PARAMETERIZABLE VIA MSS ES WITHOUT CONNECTING CABLE

General technical data:		
product brand name		SIRIUS
Product designation		Modular Safety System 3RK3
Design of the product		DP-Interface
Protection class IP		IP20
Shock resistance		15g / 11 ms
Degree of pollution		2
Protocol is supported PROFIBUS DP protocol		Yes
mounting position		vertical
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
• during operation	°C	-20 ... +60
• during storage	°C	-40 ... +85
• during transport	°C	-40 ... +85
Relative humidity during operation	%	10 ... 95
Conducted interference due to burst acc. to IEC 61000-4-4		2 kV (power ports)
Conducted interference due to conductor-earth surge acc. to IEC 61000-4-5		Test Level 0.5 KV / 1 KV
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K
Equipment marking acc. to DIN EN 61346-2		K
Control circuit/ Control:		
Type of voltage		DC

<b>Control supply voltage 1 for DC Rated value</b>	V	24
Operating range factor control supply voltage rated value of the magnet coil		0.85 ... 1.15

#### Installation/ mounting/ dimensions:

<b>Mounting type</b>		standard rail
<b>Width</b>	mm	45
<b>Height</b>	mm	113
<b>Depth</b>	mm	124

#### Connections/ Terminals:

<b>Product function removable terminal for auxiliary and control circuit</b>		Yes
<b>Type of electrical connection for auxiliary and control current circuit</b>		spring-loaded terminals
Connectable conductor cross-section for auxiliary contacts		
• single or multi-stranded	mm <sup>2</sup>	0.25 ... 1.5
• finely stranded		
— with core end processing	mm <sup>2</sup>	0.25 ... 1.5
— without core end processing	mm <sup>2</sup>	0.25 ... 1.5
AWG number as coded connectable conductor cross section for auxiliary contacts		20 ... 16
Type of connectable conductor cross-section for auxiliary contacts		
• solid		2x (0.25 ... 1.5 mm <sup>2</sup> )
• finely stranded		
— with core end processing		2x (0.25 ... 1.5 mm <sup>2</sup> )
— without core end processing		2x (0.25 ... 1.5 mm <sup>2</sup> )
Type of connectable conductor cross-section for AWG conductors for auxiliary contacts		2x (20 ... 16)

#### Certificates/ approvals:

General Product Approval	EMC	Functional Safety/Safety of Machinery
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[other](#)

Test Certificates	other
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[Special Test Certificate](#)

[Confirmation](#)

[Environmental Confirmations](#)



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### Further information

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

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

**Industry Mall (Online ordering system)**

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

**Cax online generator**

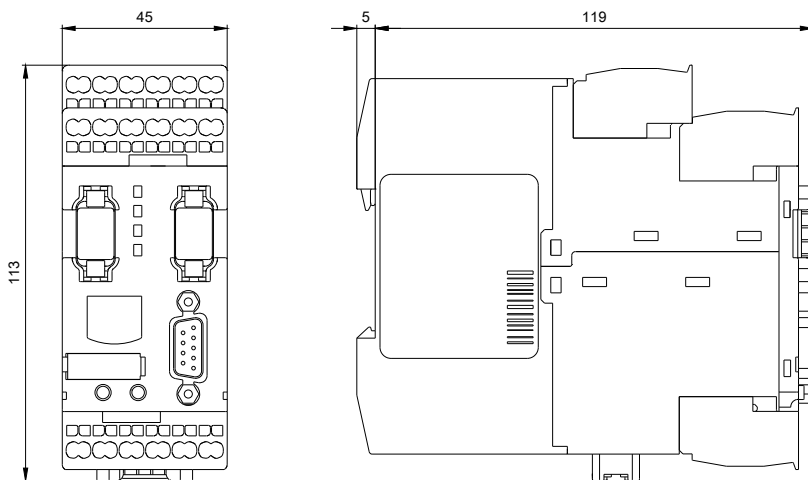
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK35112BA10>

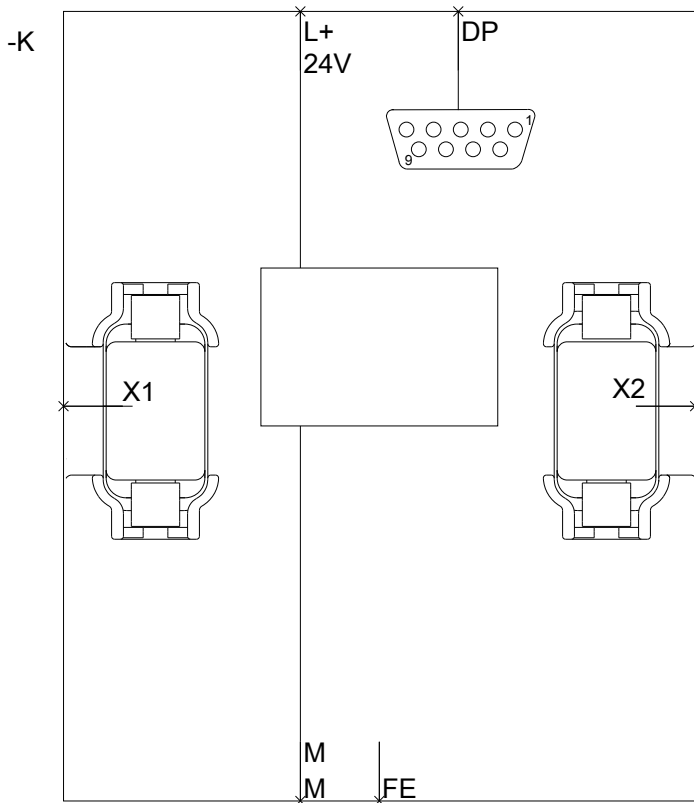
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3RK35112BA10/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK35112BA10&lang=en>





last modified:

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