



SIRIUS, interface module DP interface, for modular safety system 3RK3 PROFIBUS DP interface 12 Mbps, RS 485 45 mm overall width spring-type terminal can be parameterized via Safety ES without connection cable

product brand name  
product category  
product designation  
design of the product

SIRIUS  
Modular safety system  
Interface module  
DP-Interface

### General technical data

protection class IP  
shock resistance  
degree of pollution  
certificate of suitability UL approval  
vibration resistance according to IEC 60068-2-6  
reference code according to DIN 40719 extended  
according to IEC 204-2 according to IEC 750  
reference code according to EN 61346-2

IP20  
15g / 11 ms  
2  
Yes  
5 ... 500 Hz: 0.75 mm  
K  
K

### Communication/ Protocol

protocol is supported  
• PROFIBUS DP protocol

Yes

### Control circuit/ Control

type of voltage  
inrush current peak at 24 V  
duration of inrush current peak at 24 V

A  
ms

DC  
70  
1

### Installation/ mounting/ dimensions

fastening method  
mounting position  
width  
height  
depth

mm  
mm  
mm

DIN rail  
vertical  
45  
113  
124

### Connections/ Terminals

type of electrical connection  
connectable conductor cross-section for auxiliary contacts  
• solid or stranded  
• finely stranded  
— with core end processing  
— without core end processing  
type of connectable conductor cross-sections for auxiliary contacts  
• solid  
• finely stranded  
— with core end processing  
— without core end processing  
AWG number as coded connectable conductor cross section

mm<sup>2</sup>  
mm<sup>2</sup>  
mm<sup>2</sup>

spring-loaded terminals  
0.25 ... 1.5  
0.25 ... 1.5  
0.25 ... 1.5  
2x (0.25 ... 1.5 mm<sup>2</sup>)  
2x (0.25 ... 1.5 mm<sup>2</sup>)  
2x (0.25 ... 1.5 mm<sup>2</sup>)

<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>	20 ... 16
<b>type of connectable conductor cross-sections at AWG cables</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>	2x (20 ... 16)

#### Electromagnetic compatibility

<b>conducted interference due to burst according to IEC 61000-4-4</b>	2 kV (power ports)
<b>conducted interference due to conductor-earth surge according to IEC 61000-4-5</b>	Test Level 0.5 kV / 1 kV

#### Ambient conditions

<b>installation altitude at height above sea level maximum</b>	m	2 000
<b>ambient temperature</b>		
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	°C	-20 ... +60
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	°C	-40 ... +85
<ul style="list-style-type: none"> <li>• during transport</li> </ul>	°C	-40 ... +85
<b>relative humidity during operation</b>	%	10 ... 95

#### Certificates/ approvals

<b>General Product Approval</b>	<b>EMC</b>	<b>Functional Safety/Safety of Machinery</b>
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[Confirmation](#)



[Miscellaneous](#)

<b>Declaration of Conformity</b>	<b>Test Certificates</b>	<b>other</b>
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[Type Test Certificates/Test Report](#)

[Confirmation](#)

#### Further information

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

<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK3511-2BA10>

**Cax online generator**

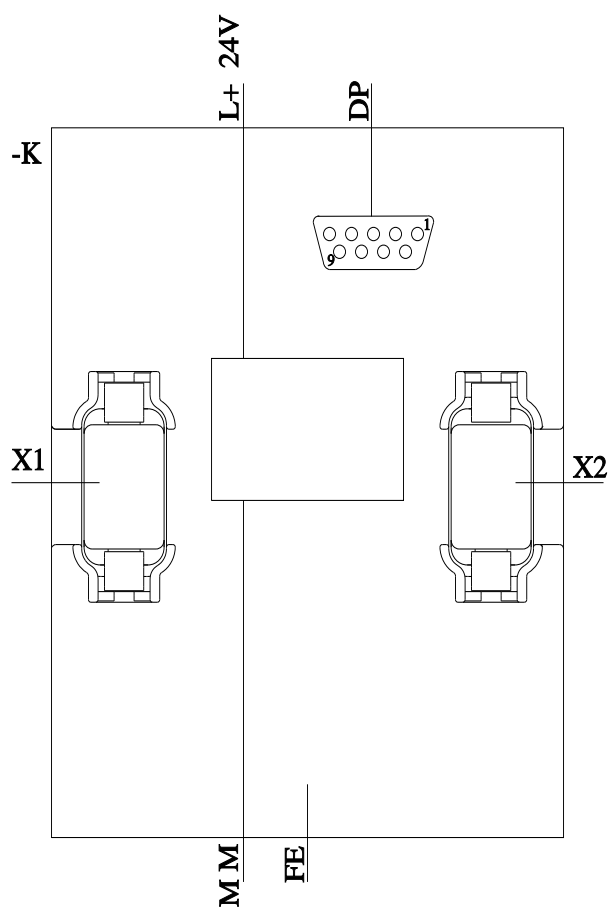
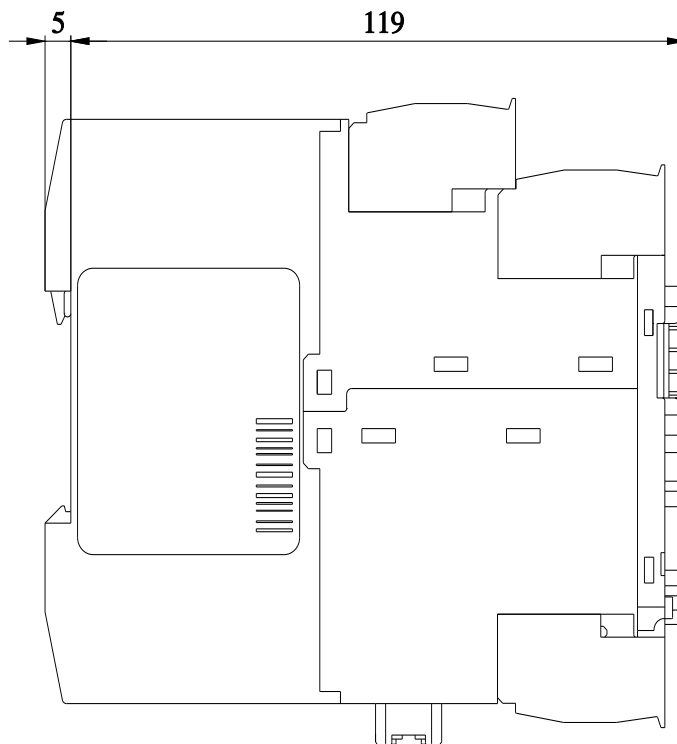
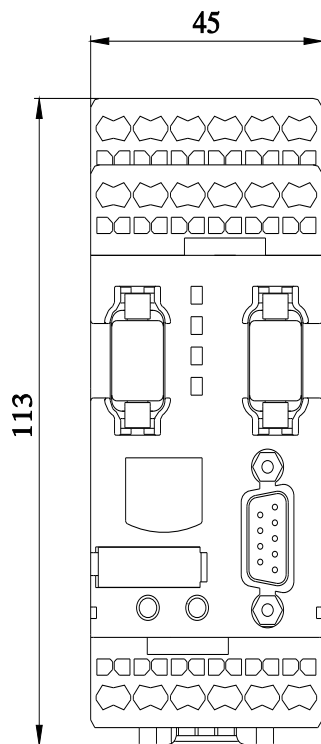
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK3511-2BA10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK3511-2BA10>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK3511-2BA10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK3511-2BA10&lang=en)



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