



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

<b>product brand name</b>	SIRIUS
<b>product category</b>	Modular safety system
<b>product designation</b>	Interface module
<b>design of the product</b>	DP-Interface
<b>General technical data</b>	
certificate of suitability UL approval	Yes
<b>degree of pollution</b>	2
<b>shock resistance</b>	15g / 11 ms
<b>vibration resistance</b>	
• according to IEC 60068-2-6	5 ... 500 Hz: 0.75 mm
<b>reference code according to IEC 81346-2</b>	K
<b>Substance Prohibition (Date)</b>	05/01/2012
<b>SVHC substance name</b>	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1
<b>Weight</b>	0.307 kg
<b>Ambient conditions</b>	
installation altitude at height above sea level maximum	4 000 m; Derating, see Product Notification 109792701
relative humidity during operation	10 ... 95 %
<b>Electromagnetic compatibility</b>	
<b>conducted interference</b>	
• due to burst according to IEC 61000-4-4	2 kV (power ports)
• due to conductor-earth surge according to IEC 61000-4-5	Test Level 0.5 kV / 1 kV
<b>Communication/ Protocol</b>	
<b>protocol is supported</b>	
• PROFIBUS DP protocol	Yes
<b>Control circuit/ Control</b>	
<b>type of voltage</b>	DC
inrush current peak at 24 V	70 A
duration of inrush current peak at 24 V	1 ms
<b>Installation/ mounting/ dimensions</b>	
<b>mounting position</b>	vertical
<b>fastening method</b>	DIN rail
<b>height</b>	111 mm
<b>width</b>	45 mm
<b>depth</b>	124 mm
<b>Connections/ Terminals</b>	
<b>type of connectable conductor cross-sections</b>	
• for auxiliary contacts	
— solid	1x (0.5 ... 4 mm <sup>2</sup> ), 2x (0.5 ... 2.5 mm <sup>2</sup> )

— finely stranded with core end processing

- for AWG cables for auxiliary contacts

1x (0.5 ... 2.5 mm<sup>2</sup>), 2x (0.5 ... 1.5 mm<sup>2</sup>)

2x (20 ... 14)

### Approvals Certificates

General Product Approval

EMV

Functional Safety



[Miscellaneous](#)

Test Certificates

other

Environment

[Type Test Certificates/Test Report](#)



[Confirmation](#)

[Environmental Confirmations](#)

### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3RK3511-1BA10>

Cax online generator

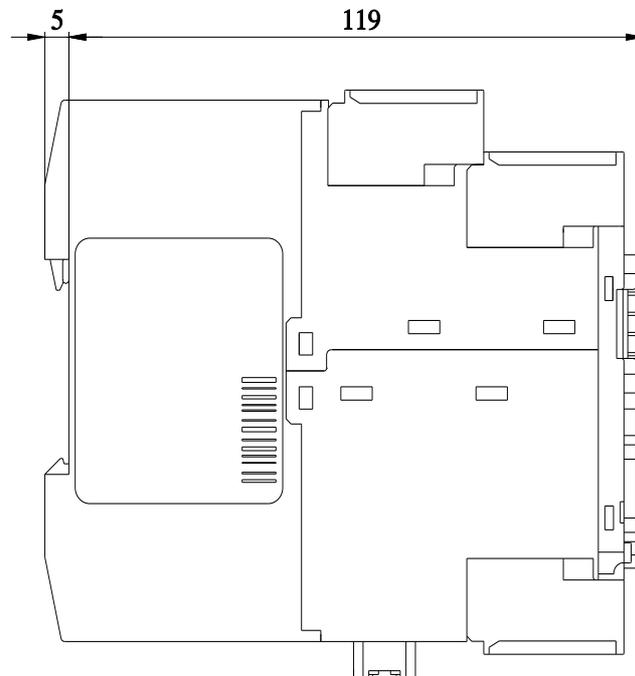
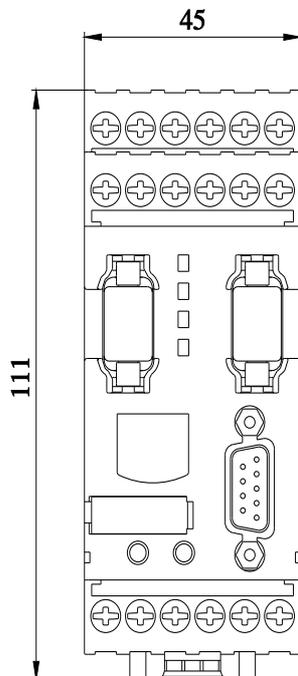
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK3511-1BA10>

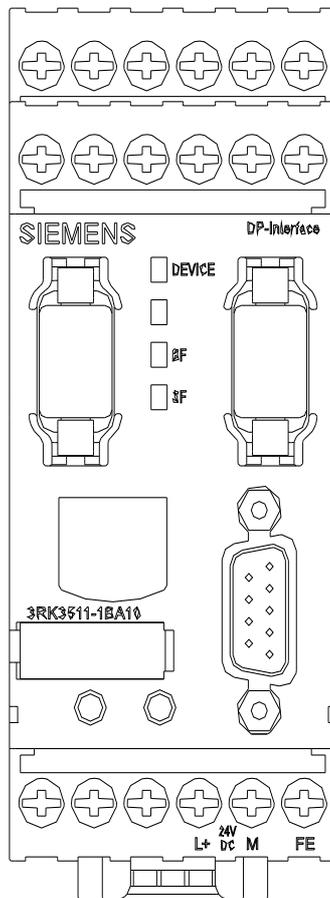
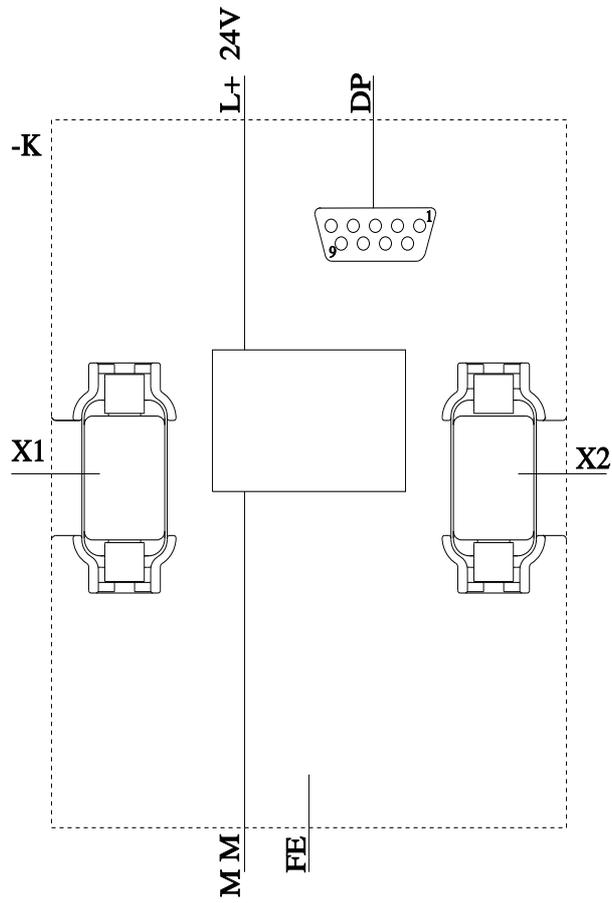
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK3511-1BA10>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK3511-1BA10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK3511-1BA10&lang=en)





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4/2/2025 