SIEMENS

Data sheet 3RK3511-2BA10

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	SIRIUS
product category	Modular safety system
product designation	Interface module
design of the product	DP-Interface
General technical data	
certificate of suitability UL approval	Yes
degree of pollution	2
protection class IP	IP20
shock resistance	15g / 11 ms
vibration resistance	
● **according to IEC 60068-2-6**	5 ... 500 Hz: 0.75 mm
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	05/01/2012
Ambient conditions	
installation altitude at height above sea level maximum	4 000 m; Derating, see Product Notification 109792701
relative humidity during operation	10 ... 95 %
Electromagnetic compatibility	
conducted interference	
● 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
Communication/ Protocol	
protocol is supported	
● PROFIBUS DP protocol	Yes
Control circuit/ Control	
type of voltage	DC
inrush current peak at 24 V	70 A
duration of inrush current peak at 24 V	1 ms
Installation/ mounting/ dimensions	
mounting position	vertical
fastening method	DIN rail
height	113 mm
width	45 mm
depth	124 mm
Connections/ Terminals	
type of connectable conductor cross-sections	
● for auxiliary contacts	
— solid	2x (0.25 ... 1.5 mm²)
— finely stranded with core end processing	2x (0.25 ... 1.5 mm²)
— finely stranded without core end processing	2x (0.25 ... 1.5 mm²)
● for AWG cables for auxiliary contacts	2x (20 ... 16)

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Certificates/ approvals

General Product Approval				EMC	Functional Safety/Safety of Machinery
CSA	Confirmation	UL	EAC	RCM	Miscellaneous

Declaration of Conformity	Test Certificates	other
CE EG-Konf. UKCA	Type Test Certificates/Test Report	Confirmation

Further information

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875

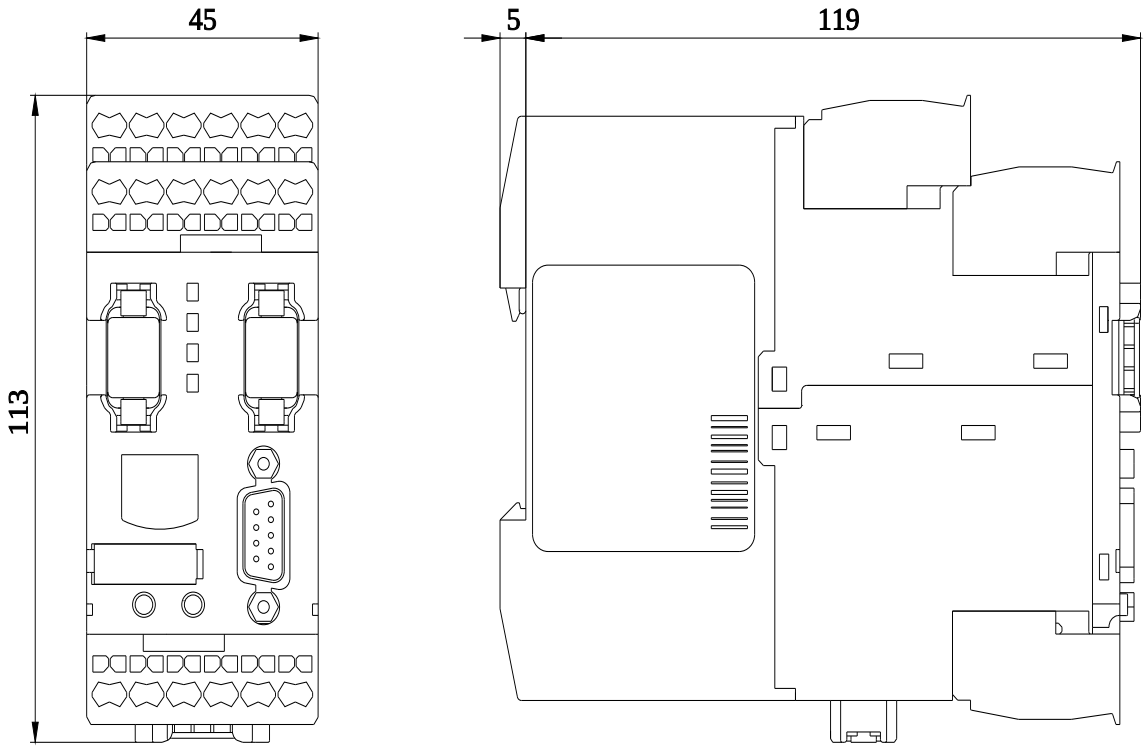
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK3511-2BA10

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



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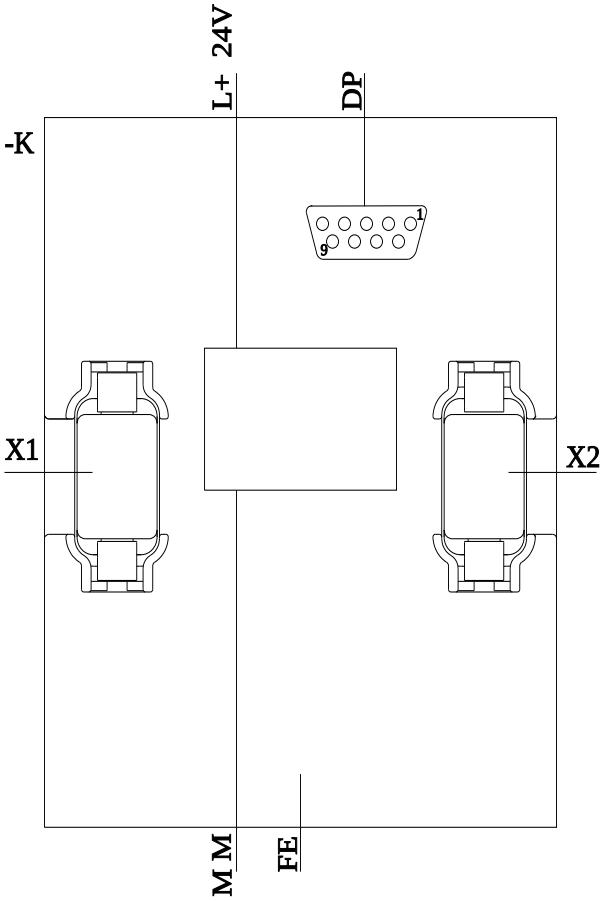

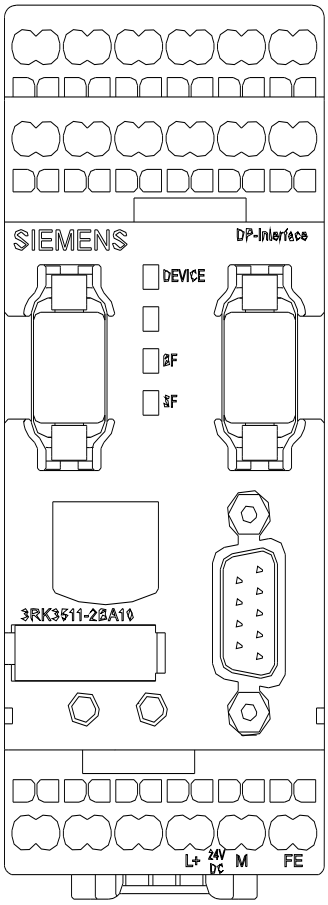

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