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
shock resistance	15 g / 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 (day/month/year)	05/01/2012
SVHC substance name	Lead CAS-No. 7439-92-1 Lead monoxide (lead oxide) CAS-No. 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5 Melamine CAS-No. 108-78-1 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol CAS-No. 119-47-1
Net Weight	0.266 kg
Ambient conditions	
installation altitude at height above sea level maximum	4 000 m
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 mounting
height	113 mm
width	45 mm
depth	124 mm
Connections/ Terminals	

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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)

Approvals Certificates

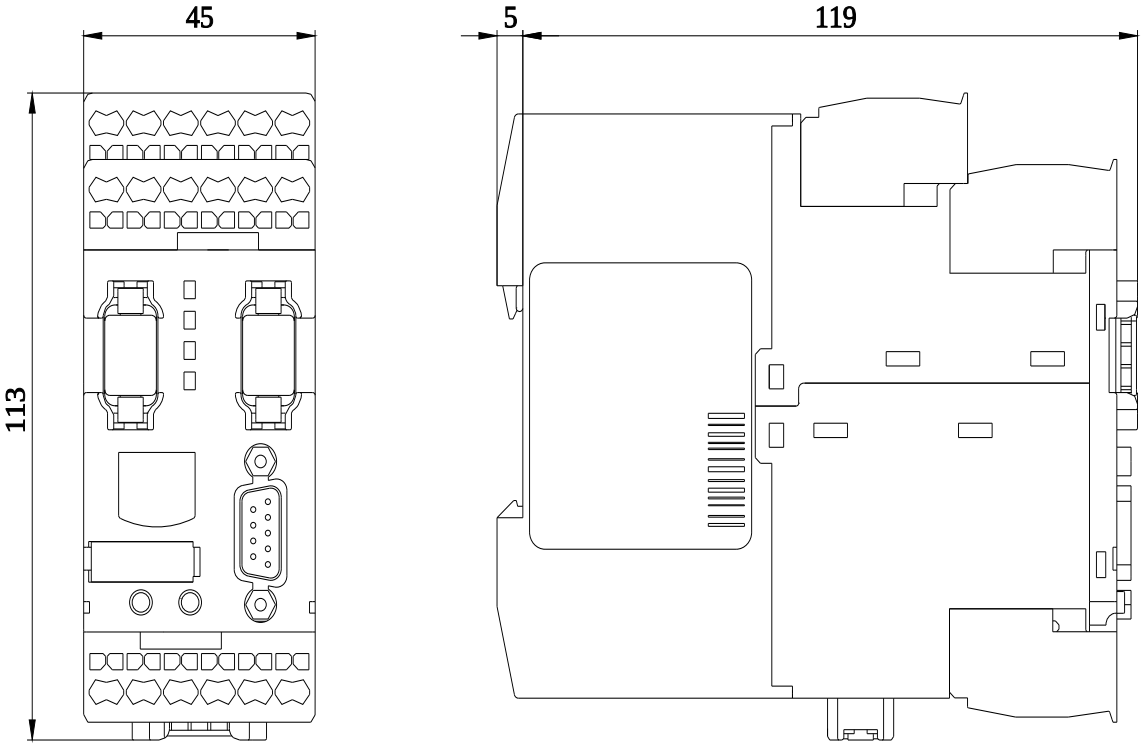
Environment	General Product Approval				EMV
Environmental Confirmations	cULus	EAC	CE EG-Konf.	UKCA	RCM

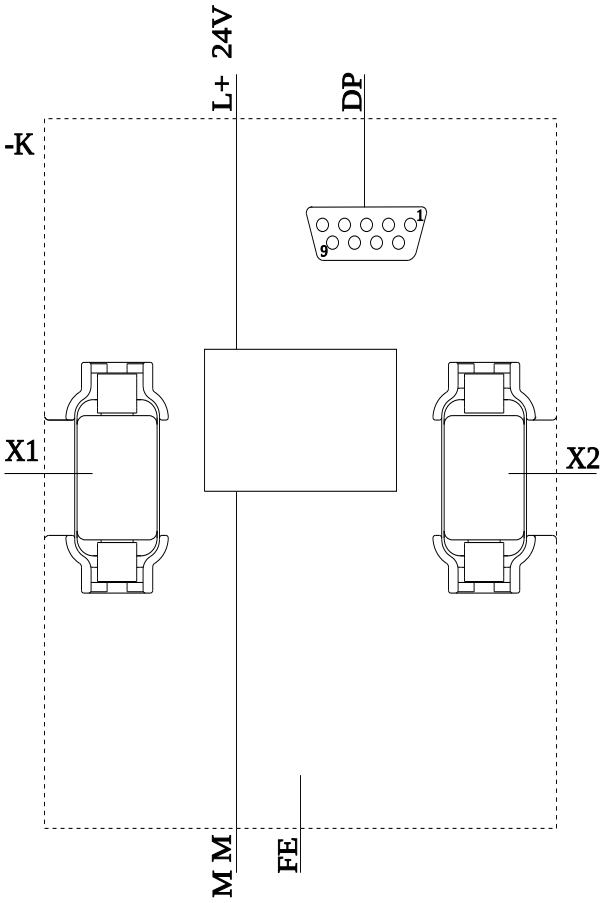
Functional Saftey	Test Certificates	other	
Miscellaneous	Type Test Certificates/Test Report	Confirmation	产品合格 QC PASS

Further information

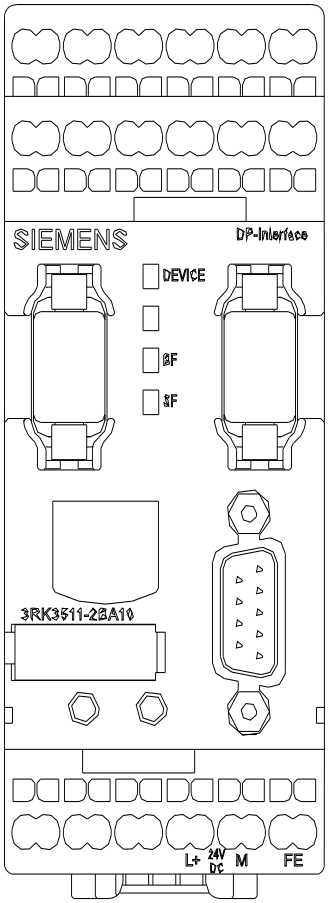
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK3511-2BA10
Cax online generator
https://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, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK3511-2BA10&lang=en

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