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Data sheet 3RK3511-1BA10



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

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	0.278 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	111 mm
width	45 mm
depth	124 mm
Connections/ Terminals	

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type of connectable conductor cross-sections	
● for auxiliary contacts	
— solid	1x (0.5 ... 4 mm²), 2x (0.5 ... 2.5 mm²)
— finely stranded with core end processing	1x (0.5 ... 2.5 mm²), 2x (0.5 ... 1.5 mm²)
● for AWG cables for auxiliary contacts	2x (20 ... 14)

Approvals Certificates

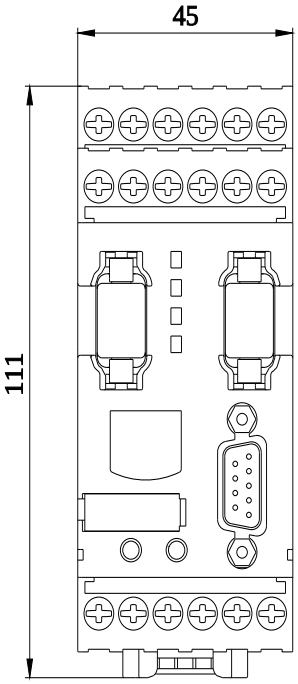
Environment	General Product Approval				EMV
Environmental Confirmations	cULus	EAC	CE EG-Konf.	UKCA	RCM

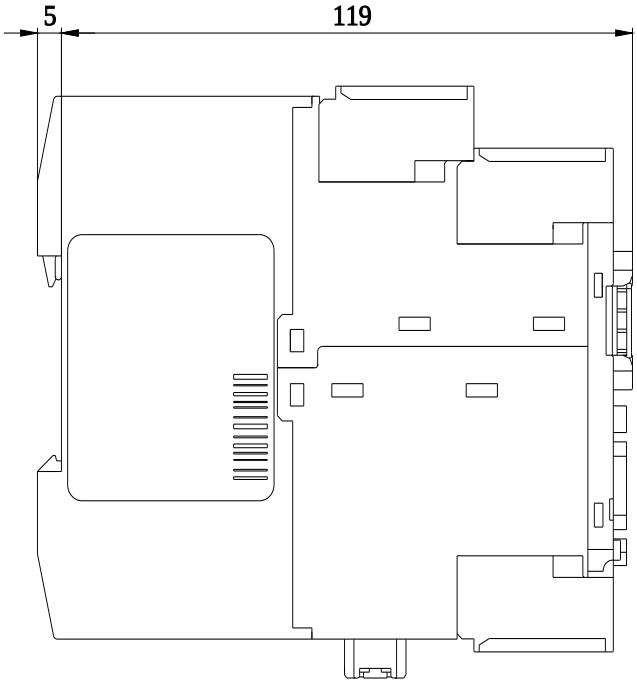
Functional Saftey	Test Certificates	other	
Miscellaneous	Type Test Certificates/Test Report	Confirmation	产品合格 QC PASS

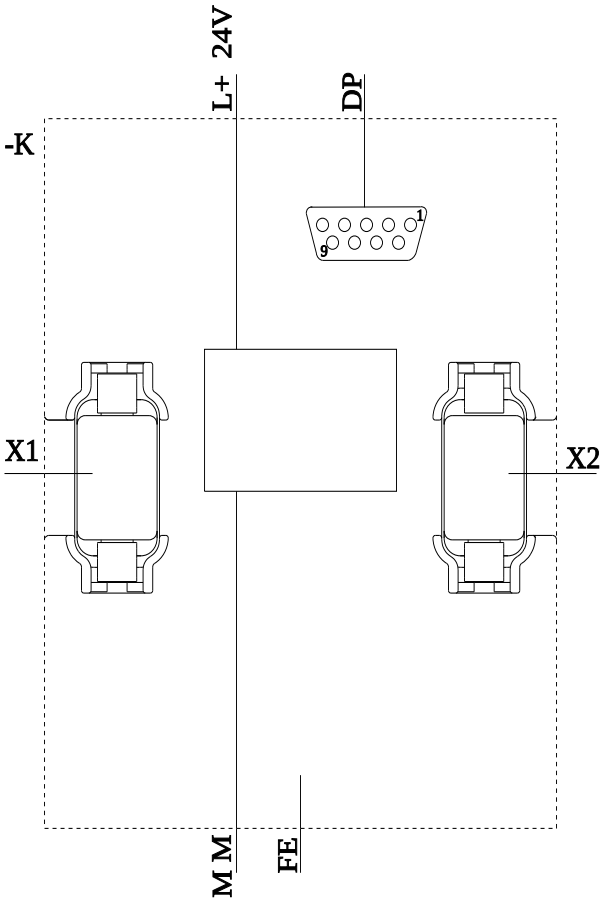
Further information

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=3RK3511-1BA10
Cax online generator
https://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, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK3511-1BA10&lang=en

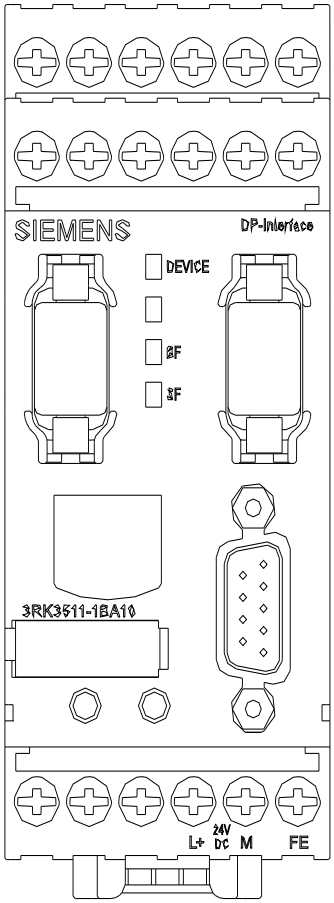
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