SIEMENS

Data sheet 3RK3321-1AA10

SIRIUS, Extension module 3RK33 for modular Safety system 3RK3 8 DI, 24 V DC Can be parameterized via MSS ES 22.5 mm overall width screw terminal without connection cable

product brand name	SIRIUS
product category	Modular Safety System
design of the product	8 DI
product function	
● EMERGENCY OFF function	No
● protective door monitoring	No
● evaluation: electro-sensitive protective equipment	No
● evaluation: selector switch	No
● evaluation: two-hand operator panel	No
● evaluation: enabling switch	No
● monitored start-up	Yes
insulation voltage rated value	50 V
degree of pollution	3
surge voltage resistance rated value	500 V
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
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1
Weight	0.15 kg
installation altitude at height above sea level maximum	2 000 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	2 kV
● due to conductor-conductor surge according to IEC 61000-4-5	1 kV
field-based interference according to IEC 61000-4-3	10 V/m, 3 V/m, 1 V/m
electrostatic discharge according to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
Electrical Safety	
touch protection against electrical shock	finger-safe
Inputs/ Outputs	
product function	
● parameterizable outputs	No
number of inputs	
● safety-related	0
● non-safety-related	8

number of outputs for testing contact-based sensors	0
number of outputs as contact-affected switching element safety-related	
● 1-channel	0
● 2-channel	0
number of outputs as contact-less semiconductor switching element	
● safety-related 2-channel	0
● non-safety-related	0
type of voltage	DC
control supply voltage 1 at DC rated value	24 V
mounting position	vertical
fastening method	DIN rail
height	102 mm
width	22.5 mm
depth	124 mm
type of electrical connection	screw terminal

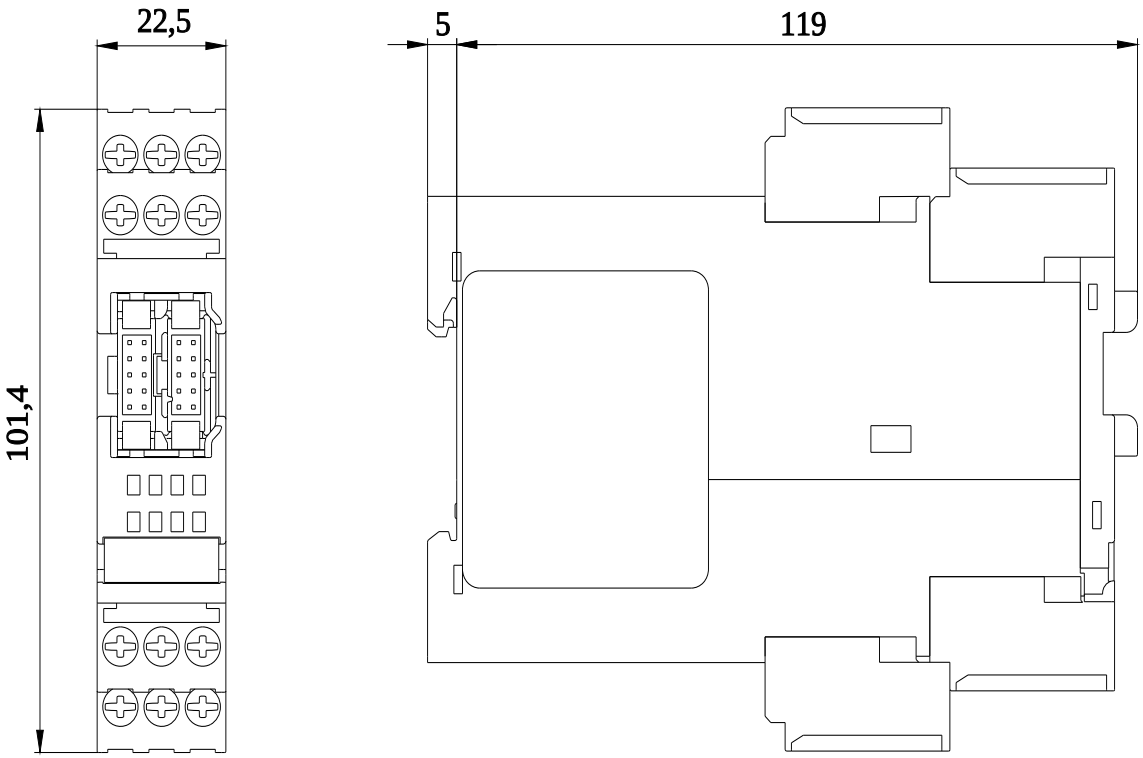
Approvals Certificates

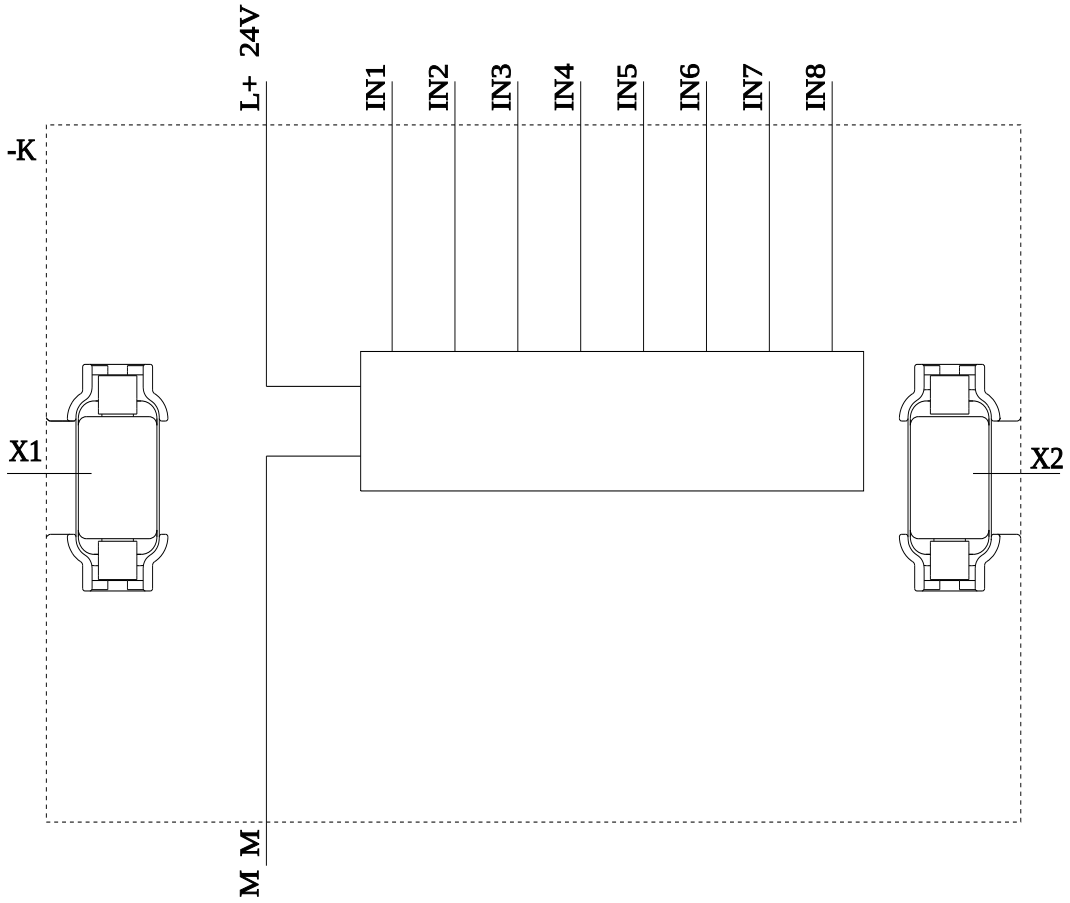
General Product Approval	EMV	Functional Saftey
		Miscellaneous

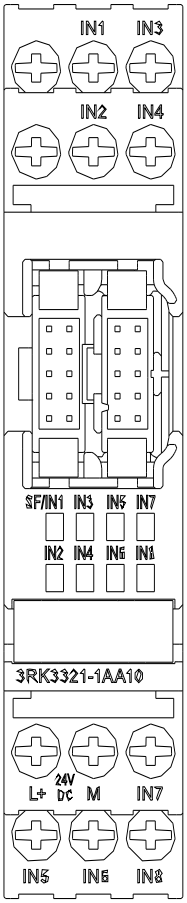
Test Certificates	other	Environment
Type Test Certificates/Test Report	Confirmation	Environmental Confirmations

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=3RK3321-1AA10
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK3321-1AA10
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK3321-1AA10
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK3321-1AA10&lang=en







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