



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	<ul style="list-style-type: none"> • EMERGENCY OFF function • protective door monitoring • evaluation: electro-sensitive protective equipment • evaluation: selector switch • evaluation: two-hand operator panel • evaluation: enabling switch • monitored start-up
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 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5
Net 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	<ul style="list-style-type: none"> • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5
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 Safety
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[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 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=3RK3321-1AA10>

Cax online generator

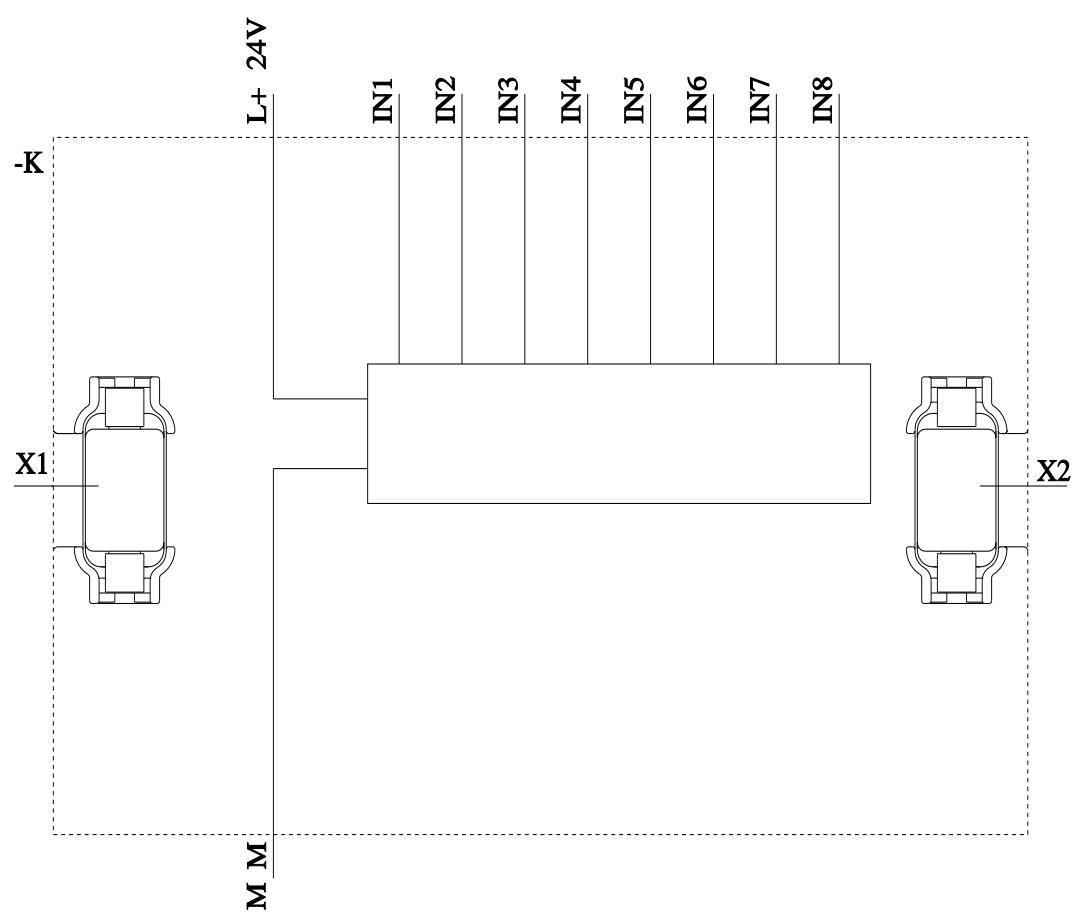
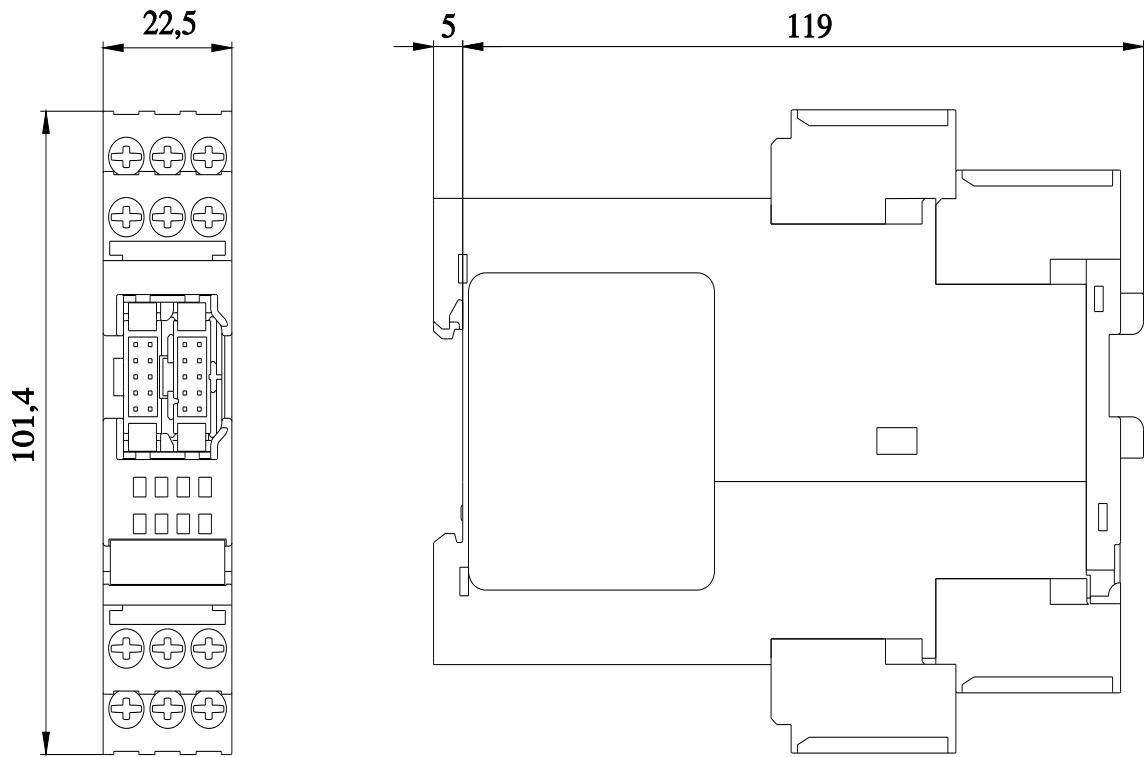
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK3321-1AA10>

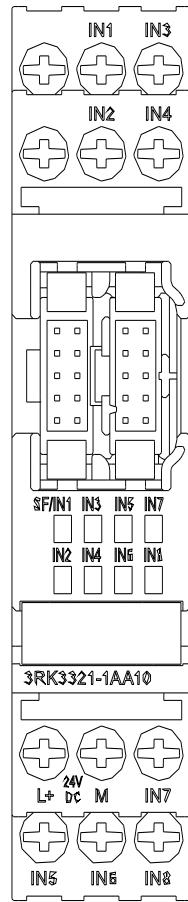
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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, ...)

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK3321-1AA10&lang=en





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