



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

<b>product brand name</b>	SIRIUS
<b>product category</b>	Modular Safety System
<b>design of the product</b>	8 DI
<b>product function</b>	
• 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
<b>insulation voltage rated value</b>	50 V
<b>degree of pollution</b>	3
<b>surge voltage resistance rated value</b>	500 V
<b>shock resistance</b>	15g / 11 ms
<b>vibration resistance according to IEC 60068-2-6</b>	5 ... 500 Hz: 0.75 mm
<b>reference code according to IEC 81346-2</b>	K
<b>Substance Prohibitance (Date)</b>	05/01/2012
<b>SVHC substance name</b>	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
<b>Weight</b>	0.15 kg
installation altitude at height above sea level maximum	2 000 m
relative humidity during operation	10 ... 95 %
<b>Electromagnetic compatibility</b>	
<b>conducted interference</b>	
• 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
<b>field-based interference according to IEC 61000-4-3</b>	10 V/m, 3 V/m, 1 V/m
<b>electrostatic discharge according to IEC 61000-4-2</b>	4 kV contact discharge / 8 kV air discharge
<b>Electrical Safety</b>	
<b>touch protection against electrical shock</b>	finger-safe
<b>Inputs/ Outputs</b>	
<b>product function</b>	
• parameterizable outputs	No
<b>number of inputs</b>	
• 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
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[Type Test Certificates/Test Report](#)

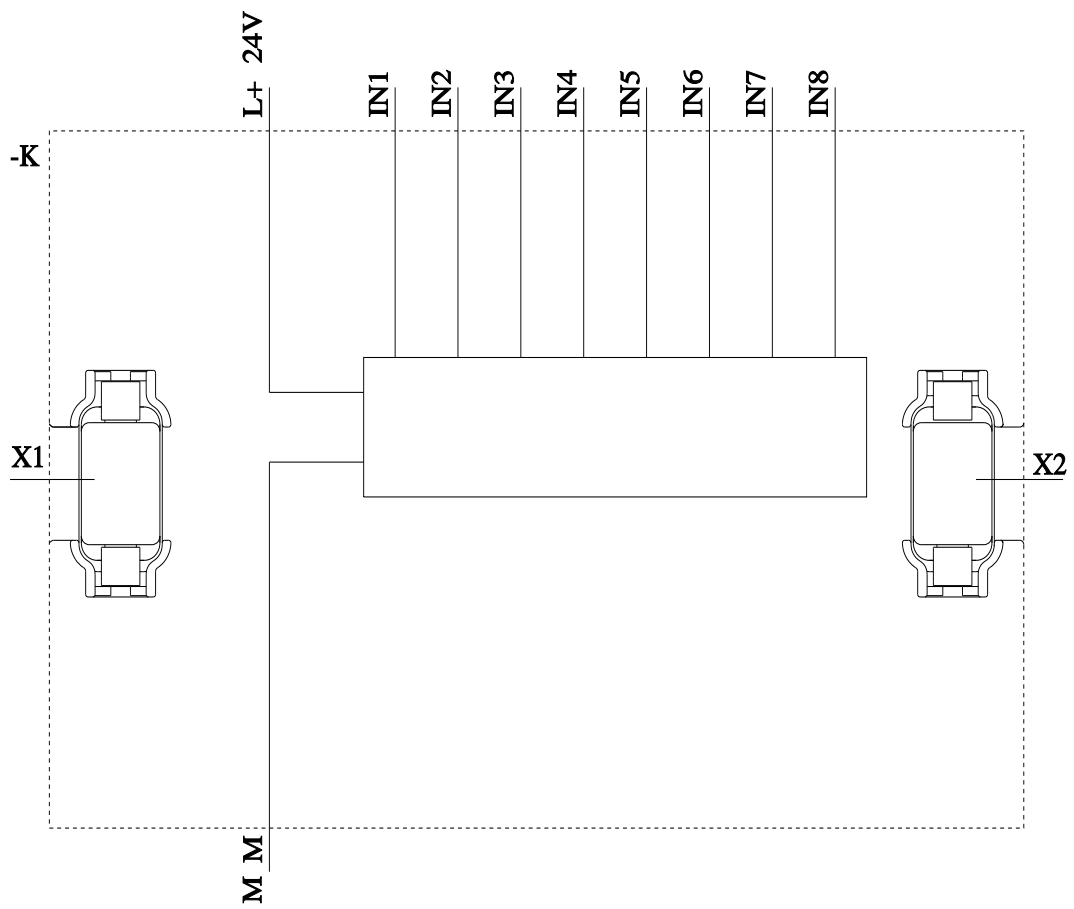
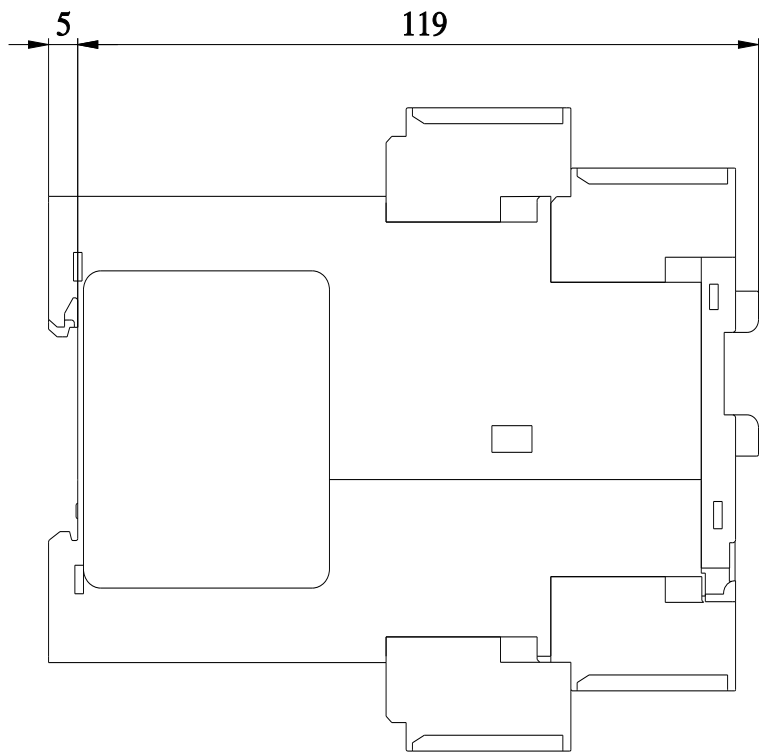
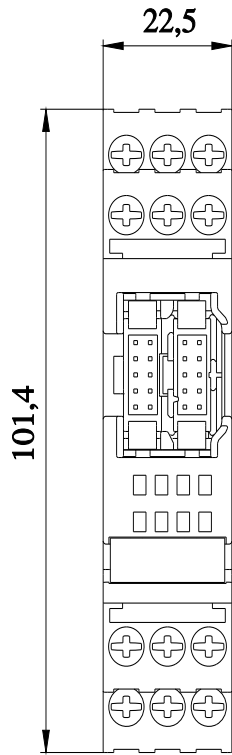
[Confirmation](#)

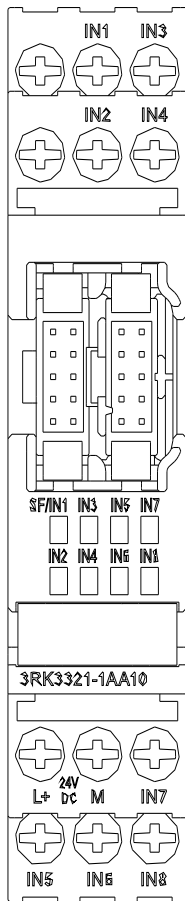


[Environmental Confirmations](#)

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





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