## **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

conducted interference  • 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  field-based interference according to IEC 61000-4-3  field-based interference according to IEC 61000-4-2  electrostatic discharge according to IEC 61000-4-2  Electrical Safety  touch protection against electrical shock  finger-safe	product brand name	SIRIUS
product function  EMERGENCY OFF function  EMERGENCY OFF function  Protective door monitoring  evaluation: electro-sensitive protective equipment  evaluation: selector switch  evaluation: selector switch  evaluation: selector switch  No  evaluation: selector switch  monitored start-up  res  insulation voltage rated value  degree of pollution  surge voltage resistance rated value  solo V  degree of pollution  3  surge voltage resistance rated value  solo Wibration resistance according to IEC 60088-2-6  reference code according to IEC 81346-2  K  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1  Lead monoxide (lead oxide) - 1317-36-8  2-methyl-t-(4-methythiophenyl)-2-morpholinopropan-1-one - 71868-10-5  6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1  Weight  installation altitude at height above sea level maximum  relative humidity during operation  electromagnetic compatibility  conducted interference  due to conductor-conductor surge according to IEC 61000-4-5  edue to conductor-conductor surge according to IEC 61000-4-5  due to conductor-conductor surge according to IEC 61000-4-2  edue to conductor-conductor surge according to IEC 61000	product category	Modular Safety System
EMERGENCY OFF function  oprotective door monitoring  oevaluation: electro-sensitive protective equipment  oevaluation: selectors witch  oevaluation: selectors witch  oevaluation: wo-hand operator panel  oevaluation: wo-hand operator panel  oevaluation: wo-hand operator panel  oevaluation: hoo-hand operator panel  oevaluation: hoo-hand operator panel  oevaluation: enabling switch  omnitored start-up  Yes  Insulation voltage rated value  of pollution  surge voltage resistance rated value  shock resistance  of pollution  shock resistance according to IEC 60068-2-6  substance or Prohibitance (Dato)  SVHC substance name  of pollution  SVHC substance name  of pollution  of pollution  of pollution  SVHC substance name  of pollution  of poll	design of the product	8 DI
protective door monitoring evaluation: electron-sensitive protective equipment evaluation: selector switch evaluation: two-hand operator panel evaluation: ovitage rated value for monitored start-up  Yes  insulation voltage rated value  50 V  degree of pollution 3 uruge voltage rosistance rated value 500 V  shock resistance 15g / 11 ms  vibration resistance according to IEC 60068-2-6 7 is 50 Hz: 0.75 mm  reference code according to IEC 81346-2 K Substance Prohibitance (Date)  5VHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Lead monoxide (lea	product function	
evaluation: electro-sensitive protective equipment     evaluation: selector switch     evaluation: selector switch     evaluation: two-hand operator panel     evaluation: enabling switch     monitored start-up     remonitored start-up     insulation voitage rated value     degree of pollution     surge voitage resistance rated value     shock resistance     vibration resistance according to IEC 60088-2-6     reference code according to IEC 81346-2     Substance Prohibitance (Date)     SVHC substance name     Lead - 7439-92-1     Lead - 439-92-1     Lead - resity flam (lead oxide) - 1317-36-8     z-methyl-1-(4-methythriophenyl)-2-morpholinopropan-1-one - 71868-10-5     6-6'-di-ret-buyl-2-2'-methylened-p-oresol - 119-47-1  Weight     John Shock resistance     4 due to burst according to IEC 61000-4-5     4 due to conductor-earth surge according to IEC 61000-4-5     4 due to conductor-earth surge according to IEC 61000-4-5     4 due to conductor-conductor surge according to IEC 61000-4-2     4 kV contact discharge according to IEC 61000-4-3     4 kV contact discharge 48 kV air discharge  Felectrostatic discharge according to IEC 61000-4-3     4 kV contact discharge /8 kV air discharge  Felectrostatic discharge according to IEC 61000-4-3     4 kV contact discharge /8 kV air discharge  Felectrostatic discharge according to IEC 61000-4-3     4 kV contact discharge /8 kV air discharge  Felectrostatic discharge according to IEC 61000-4-3     5 kV contact discharge /8 kV air discharge  Felectrostatic discharge according to IEC 61000-4-3     5 kV contact discharge /8 kV air discharge  Felectrostatic discharge according to IEC 61000-4-3     5 kV contact discharge /8 kV air discharge  Felectrostatic discharge according to IEC 61000-4-3     5 kV contact discharge /8 kV air discharge  Felectrostatic discharge according to IEC 61000-4-3     6 kV contact discharge /8 kV air discharge  Felectrostatic discharge according to IEC 61000-4-3     6 kV contact discharge /8 kV air discharge  Felectrostatic discharge /8 kV air disc	<ul> <li>EMERGENCY OFF function</li> </ul>	No
evaluation: selector switch     evaluation: two-hand operator panel     evaluation: two-hand operator panel     evaluation: enabling switch     evaluation: enabling switch     evaluation: enabling switch     evaluation: ontage rated value     evaluation: voltage resistance rated value     son V  shock resistance     son Hz: 0.75 mm  reference code according to IEC 60068-2-6     evaluation: voltage resistance     vibration resistance according to IEC 60068-2-6     evaluation: voltage resistance     vibration resistance according to IEC 60068-2-6     evaluation: voltage resistance     vibration resistance according to IEC 60068-2-6     evaluation: voltage resistance     vibration resistance according to IEC 60068-2-6     evaluation: voltage resistance     vibration resistance according to IEC 60068-2-6     evaluation: voltage resistance     evaluation: voltage resitance	<ul> <li>protective door monitoring</li> </ul>	No
evaluation: two-hand operator panel     evaluation: enabling switch     e monitored start-up     Yes  insulation voltage rated value     degree of pollution     surge voltage resistance rated value     soo V  degree of pollution     surge voltage resistance rated value     soo V  shock resistance     vibration resistance according to IEC 60068-2-6     reference code according to IEC 81346-2     K Substance Prohibitance (Date)     Os/o1/2012  SYHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-4-methyl-thiophenyl)-2-morpholinopropan-1-one - 71868-10-5 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1  Weight     olistallation altitude at height above sea level maximum     2 000 m relative humidity during operation     vibration resistance occording to IEC 61000-4-4     due to bust according to IEC 61000-4-4     due to bust according to IEC 61000-4-3     due to bust according to IEC 61000-4-3     due to bust according to IEC 61000-4-3     due to conductor-conductor surge according to IEC 61000-4-3     dele to conductor-conductor surge according to IEC 61000-4-3     due to conductor-con	<ul> <li>evaluation: electro-sensitive protective equipment</li> </ul>	No
e evaluation: enabling switch e monitored start-up insulation voltage rated value  degree of pollution surge voltage resistance rated value  shock resistance vibration resistance according to IEC 60068-2-6 reference code according to IEC 81346-2  K Substance Prohibitance (Date)  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"-d-itert-ively-i-2,2"-methylenedi-p-cresol - 119-47-1  Weight 10.15 kg installation altitude at height above sea level maximum 2 000 m relative humidity during operation  Electromagnetic compatibility  conducted interference e due to burst according to IEC 61000-4-4 e due to conductor-earth surge according to IEC 61000-4-5 electromagnetic compatibility according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 electrostatic discharge according to IEC 61000-4-3 electrost	<ul><li>evaluation: selector switch</li></ul>	No
insulation voltage rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-6 shock resistance according to IEC 60068-2-6 substance Prohibitance (Date)  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 10.15 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 61000-4-3 due to conductor-conductor surge according to IEC 61000-4-5 field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Electrical Safety  touch protection against electrical shock finger-safe Imputs/ Outputs  product function e parameterizable outputs No number of inputs e safety-related  7 yes  500 V  50	<ul> <li>evaluation: two-hand operator panel</li> </ul>	No
insulation voltage rated value  degree of pollution  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)  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-etr-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  Electromagnetic compatibility  conducted interference  • 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 61000-4-3  • due to conductor-conductor surge	<ul><li>evaluation: enabling switch</li></ul>	No
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 - Ar39-92-1 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 Installation altitude at height above sea level maximum 2 000 m relative humidity during operation 10 95 %  Electromagnetic compatibility  conducted interference 4 due to burst according to IEC 61000-4-4 2 kV (power ports) 4 due to conductor-carth surge according to IEC 61000-4-5 1kV 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	monitored start-up	Yes
surge voltage resistance rated value  shock resistance  vibration resistance according to IEC 60068-2-6  reference code according to IEC 81346-2  Kubstance Prohibitance (Date)  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  installation altitude at height above sea level maximum  relative humidity during operation  relative humidity during operation  Electromagnetic compatibility  conducted interference  • 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  electrostatic discharge according to IEC 61000-4-2  Electrical Safety  touch protection against electrical shock  finger-safe  Inputs  • parameterizable outputs  No  number of inputs  • safety-related  5 500 Hz: 0.75 mm  5 500 Hz:	insulation voltage rated value	50 V
shock resistance  vibration resistance according to IEC 60068-2-6  vibration resistance according to IEC 81346-2  K Substance Prohibitance (Date)  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-eth-butyl-2,2'-methylenedi-p-cresol - 119-47-1  Weight  0.15 kg  installation altitude at height above sea level maximum relative humidity during operation  Electromagnetic compatibility  conducted interference  • due to burst according to IEC 61000-4-4 • due to conductor-carth 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  electrostatic discharge according to IEC 61000-4-2  electrostatic discharge according to IEC 61000-4-2  electrostatic discharge according to IEC 61000-4-2  field-based interference according to IEC 61000-4-2  electrostatic discharge according to IEC 61000-4-2  electrostatic discharge according to IEC 61000-4-2  finger-safe  inputs/ Outputs  product function  • parameterizable outputs  No  number of inputs  • safety-related  0	degree of pollution	3
vibration resistance according to IEC 80068-2-6  reference code according to IEC 81346-2  Kubstance Prohibitance (Date)  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  Electromagnetic compatibility  conducted interference  • 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 61000-4-3 • field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Electrical Safety  touch protection against electrical shock finger-safe  Inputs/ Outputs  Product function • parameterizable outputs  No  number of inputs • safety-related  0 5 500 Hz: 0.75 mm  5 500 Hz: 0.75 mm  0 501/1/2012  Lead - 7439-92-1  Lead monoxide (lead oxide) - 1317-36-8  2-methyl-le/emethylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5  6,6'-di-tert-butyl-2,2'-methylthiophenyly-2-morpholinopropan-1-one - 71868-10-5  6,6'-di-tert-butyl-le/emethylthiophenyly-2-morpholinopropan-1-one - 71868-10-5  6,6'-di-tert-butyl-2,2'-methylthiophenyly-2-morpholinopropan-1-one - 71868-10-5  6,6'-di-tert-butyl-2,2'-methylthenyle  2 000 m  10 95 %  Electrostation and the depth above sea level maximum  2 000 m  1 95 %  Electrostation and the depth above sea level maximum  2 kV (power ports)	surge voltage resistance rated value	500 V
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 1 kV  • due to conductor-conductor surge 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 inger-safe Imputs/ Outputs  product function • parameterizable outputs  No  number of inputs • safety-related 0	shock resistance	15g / 11 ms
Substance Prohibitance (Date)  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  Electromagnetic compatibility  conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 61000-4-5 field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 1 kV  field-based interference according to IEC 61000-4-2 electrostatic discharge according to IEC 61000-4-2 field-based interference according to IEC 61000-4-2 finger-safe  loupts/ Outputs  product function • parameterizable outputs  No  number of inputs • safety-related  0  05/01/2012  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-ti-(4-methylthiophenyl)-2-morpholionpopan-1-one - 71868-10-5 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-ti-(4-methylthiophenyl)-2-morpholionpopan-1-one - 71868-10-5 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1  2 0.15 kg  10.45 kg  10.47 kg  10	vibration resistance according to IEC 60068-2-6	5 500 Hz: 0.75 mm
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 relative humidity during operation  10 95 %  Electromagnetic compatibility  conducted interference • 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 • due to conductor-conductor surge according to IEC 61000-4-3  field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 electroal Safety  touch protection against electrical shock finger-safe  Inputs/ Outputs  product function • parameterizable outputs  No  number of inputs • safety-related  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  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  0.15 kg  2 kV (power ports)  2 kV (power ports)  2 kV  1 kV  4 kV contact discharge / 8 kV air discharge  Finger-safe  Inputs/ Outputs  Product function • parameterizable outputs  No	reference code according to IEC 81346-2	K
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	Substance Prohibitance (Date)	05/01/2012
installation altitude at height above sea level maximum  relative humidity during operation  10 95 %  Electromagnetic compatibility  conducted interference  • 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 • due to conductor-conductor surge according to IEC 61000-4-5  field-based interference according to IEC 61000-4-3 • leectrostatic discharge according to IEC 61000-4-2 • 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	SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5
relative humidity during operation  10 95 %  Electromagnetic compatibility  conducted interference  • 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  field-based interference according to IEC 61000-4-2  electrostatic discharge according to IEC 61000-4-2  Electrical Safety  touch protection against electrical shock  finger-safe  Inputs/ Outputs  product function  • parameterizable outputs  No  number of inputs  • safety-related  0	Weight	0.15 kg
Electromagnetic compatibility  conducted interference  • 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  field-based interference according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Electrical Safety  touch protection against electrical shock  finger-safe  Inputs/ Outputs  product function • parameterizable outputs  number of inputs • safety-related  0	installation altitude at height above sea level maximum	2 000 m
conducted interference  • 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  • due to conductor-conductor surge according to IEC 61000-4-5  field-based interference according to IEC 61000-4-3  • leectrostatic discharge according to IEC 61000-4-2  Electrical Safety  touch protection against electrical shock  finger-safe  Inputs/ Outputs  product function  • parameterizable outputs  • safety-related  0	relative humidity during operation	10 95 %
• 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     • due to conductor-conductor surge according to IEC 61000-4-5  field-based interference according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Electrical Safety  touch protection against electrical shock  Inputs/ Outputs  product function     • parameterizable outputs  No  number of inputs     • safety-related  2 kV (power ports)  2 kV  1 kV  61000-4-5  1 kV  61000-4-3  4 kV contact discharge / 8 kV air discharge  Finger-safe  No  No	Electromagnetic compatibility	
• 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  electrostatic discharge according to IEC 61000-4-2  Electrical Safety  touch protection against electrical shock  Inputs/ Outputs  product function     • parameterizable outputs  number of inputs     • safety-related  • o	conducted interference	
due to conductor-conductor surge according to IEC 61000-4-5  field-based interference according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Electrical Safety  touch protection against electrical shock  Inputs/ Outputs  product function      parameterizable outputs  number of inputs      safety-related      1 kV  10 V/m, 3 V/m, 1 V/m  4 kV contact discharge / 8 kV air discharge  finger-safe  Inputs/ Outputs  No  No	<ul> <li>due to burst according to IEC 61000-4-4</li> </ul>	2 kV (power ports)
field-based interference according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Electrical Safety  touch protection against electrical shock  Inputs/ Outputs  product function  • parameterizable outputs  number of inputs  • safety-related  o V/m, 3 V/m, 1 V/m  4 kV contact discharge / 8 kV air discharge  finger-safe  finger-safe  No	<ul> <li>due to conductor-earth surge according to IEC 61000-4-5</li> </ul>	2 kV
electrostatic discharge according to IEC 61000-4-2  Electrical Safety  touch protection against electrical shock  Inputs/ Outputs  product function  • parameterizable outputs  • safety-related  • safety-related  4 kV contact discharge / 8 kV air discharge  finger-safe  No  No		1 kV
Electrical Safety  touch protection against electrical shock finger-safe  Inputs/ Outputs  product function	field-based interference according to IEC 61000-4-3	10 V/m, 3 V/m, 1 V/m
touch protection against electrical shock finger-safe  Inputs/ Outputs  product function	electrostatic discharge according to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
Inputs/ Outputs  product function  • parameterizable outputs  number of inputs  • safety-related  0	Electrical Safety	
product function  • parameterizable outputs  No  number of inputs  • safety-related  0	touch protection against electrical shock	finger-safe
parameterizable outputs  No  number of inputs     safety-related  0	Inputs/ Outputs	
number of inputs  • safety-related  0	product function	
• safety-related 0	parameterizable outputs	No
	number of inputs	
• non-safety-related 8	safety-related	0
	<ul><li>non-safety-related</li></ul>	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	
<ul> <li>safety-related 2-channel</li> </ul>	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** 

**Miscellaneous** 

**Functional Saftey** 

**Test Certificates** 

other

Environment

Type Test Certificates/Test Report

Confirmation

Environmental Confirmations

## Further informatior

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

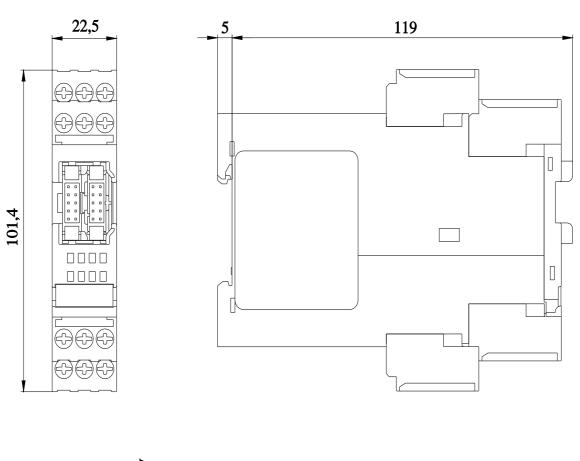
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RK3321-1AA10}$ 

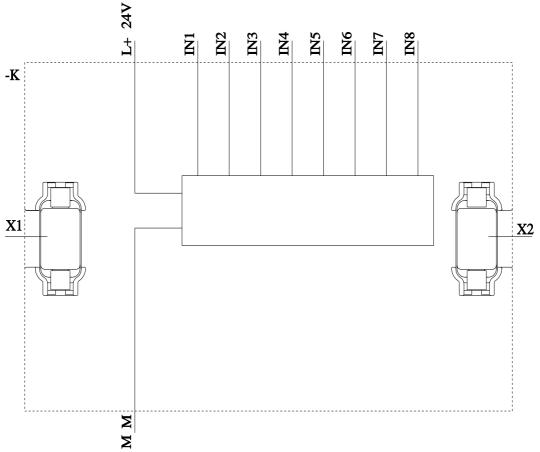
 $Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)$ 

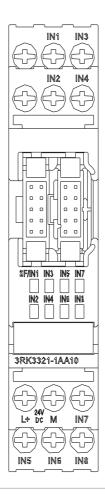
https://support.industry.siemens.com/cs/ww/en/ps/3RK3321-1AA10

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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