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Data sheet 3RK2200-2CE00-2AA2



AS-i SlimLine Compact module SC22.5 digital, A/B slave 4 DI, IP20 4 x inputs for 3-wire sensor Sensor supply can be switched over Screw terminals Width 22.5 mm

product designation	Slimline Compact I/O module for use in the control cabinet
design of the product	AS-i SC22.5, 4DI A/B, 3-wire
product type designation	3RK2
design of the slave type	A/B slave
AS-Interface slave profile	S-0.A.0
ID1 code	7; Factory setting, changeable
operating voltage according to AS-Interface specification	18 ... 31.6 V
product function suitable for AS-i Power24V	Yes
consumed current from profile conductors of the AS-Interface	
● at 30 V maximum	270 mA
● at 24 V with AS-i Power24V maximum	270 mA
type of address setting of AS-i slaves	via front addressing socket
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 Diboron trioxide - 1303-86-2
Weight	0.225 kg
reference code	
● according to EN 61346-2	K
● according to DIN 40719 extended according to IEC 204-2 according to IEC 750	A
shock resistance	15g / 11 ms (modules) or 10g / 11 ms (modules with device connector)
other information	An auxiliary external feed (AUX POWER) of between 20 and 30 V DC is necessary for supplying the output circuits. The auxiliary feed must comply with IEC 60990 (PELV), protection class III.
Digital Inputs	
number of digital inputs	4
number of digital inputs safety-related	0
type of input characteristic	PNP Type 2
type of connection technology	2- and 3-wire technology
Sensor supply	
type of voltage supply for sensor supply	AS-Interface / U_AUX switchable
ampacity of the sensor supply for all inputs at ambient temperature 40 °C	500 mA
● note	200 mA with supply via AS interface / 500 mA with supply via Uaux
property of the sensor supply short-circuit and overload resistant	Yes
voltage drop at the sensor supply	
● from AS-interface	8.5 V
● from external auxiliary voltage	1 V
Digital Outputs	

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number of digital outputs	0
Analog inputs	
number of analog inputs	0
Analog outputs	
number of analog outputs	0
Device connector	
ampacity of the interface to the device connector	
● for AS-Interface	2 A
● for external auxiliary voltage	4 A
Installation/ mounting/ dimensions	
fastening method	screw and snap-on mounting
height	100 mm
width	22.5 mm
depth	120 mm
Ambient conditions	
ambient temperature	
● during operation	-25 ... +70 °C
● during storage	-40 ... +85 °C
Connections/ Terminals	
type of electrical connection of the inputs and outputs	Screw terminals
type of connectable conductor cross-sections	
● solid	1x (0.5 ... 2.5 mm²), 2x (0.5 ... 1.5 mm²)
● finely stranded with core end processing	1x (0.25 ... 2.5 mm²), 2x (0.25 ... 1.0 mm²)
● finely stranded without core end processing	Not permitted
● for AWG cables solid	1x (24 ... 14), 2x (24 ... 16)
● for AWG cables stranded	Not permitted

Approvals Certificates

General Product Approval	EMV	Test Certificates
CE EG-Konf. UKCA UL EAC	RCM	Type Test Certificates/Test Report

Maritime application	other
ABS DNV LRS PRS	产品合格 QC PASS	Confirmation

other	Environment	Industrial Communication
Miscellaneous	Environmental Confirmations	ASi

Further information

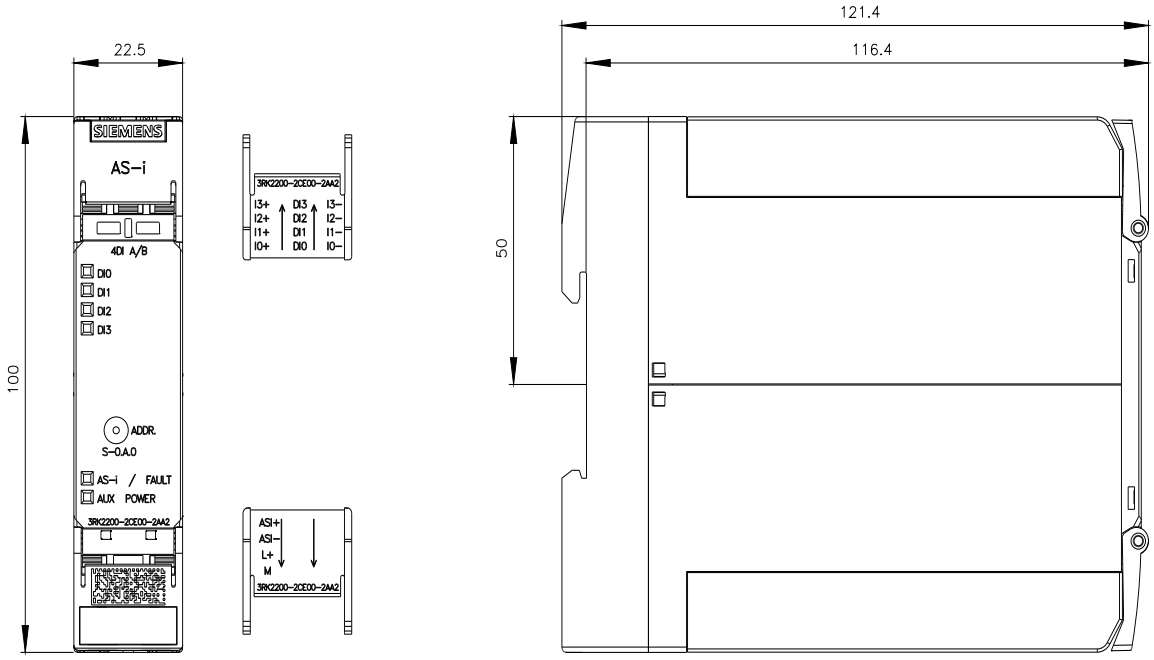
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Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
Siemens has decided to exit the Russian market (see here).
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Information on the packaging
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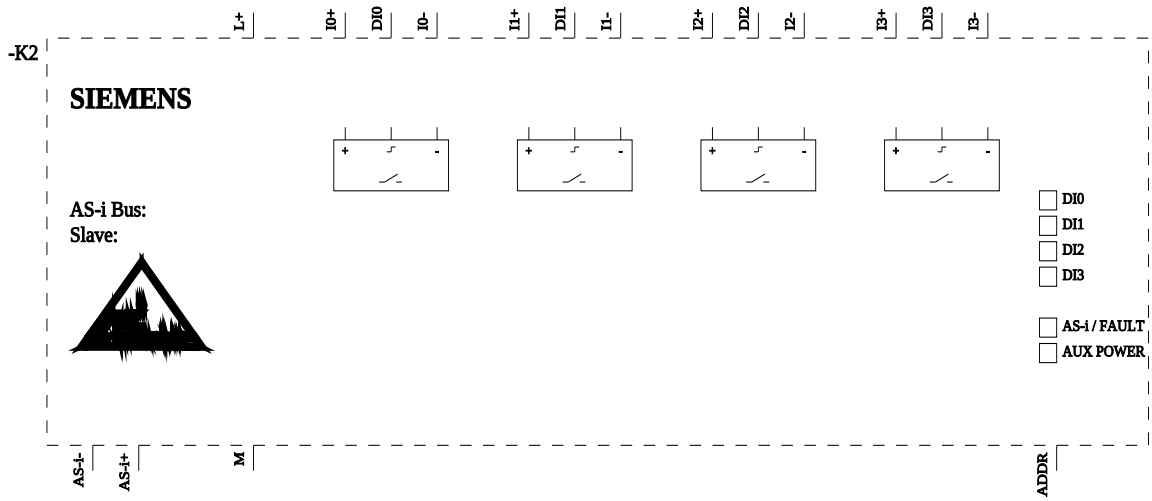
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-2CE00-2AA2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
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