



AS-i SlimLine Compact module SC17.5 digital, A/B slave 4 DI, IP20 4 x input for 2-wire sensor Screw terminals Overall width 17.5 mm

product designation	Slimline Compact I/O module for use in the control cabinet
design of the product	AS-i SC17.5, 4DI A/B, 2-wire
product type designation	3RK2
design of the device type	A/B slave
AS-Interface device 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 the AS-i devices	via front addressing socket
Substance Prohibitance (day/month/year)	05/01/2012
SVHC substance name	Lead CAS-No. 7439-92-1 Lead monoxide (lead oxide) CAS-No. 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5 Melamine CAS-No. 108-78-1 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol CAS-No. 119-47-1 Diboron trioxide CAS-No. 1303-86-2
Net Weight	0.172 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	15 g / 11 ms (modules) or 10 g / 11 ms (modules with device connector)
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-wire technology
Sensor supply	
type of voltage supply for sensor supply	using AS-Interface
ampacity of the sensor supply for all inputs at ambient temperature 40 °C	200 mA
property of the sensor supply short-circuit and overload resistant	Yes
voltage drop at the sensor supply	
• from AS-interface	8.5 V
Digital Outputs	
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	2 A	
• for AS-Interface		
Installation/ mounting/ dimensions		
fastening method	screw and snap-on mounting	
height	100 mm	
width	17.5 mm	
depth	120 mm	
Ambient conditions		
ambient temperature	-25 ... +70 °C	
• during operation		
• during storage		
	-40 ... +85 °C	
Connections/ Terminals		
type of electrical connection of the inputs and outputs	Screw terminals	
type of connectable conductor cross-sections	1x (0.5 ... 2.5 mm²), 2x (0.5 ... 1.5 mm²) 1x (0.25 ... 2.5 mm²), 2x (0.25 ... 1.0 mm²) Not permitted 1x (24 ... 14), 2x (24 ... 16) Not permitted	
• solid		
• finely stranded with core end processing		
• finely stranded without core end processing		
• for AWG cables solid		
• for AWG cables stranded		
Approvals Certificates		
Environment	General Product Approval	EMV

[Environmental Con-
firmations](#)



Test Certificates	Maritime application	other
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[Type Test Certi-
ficates/Test Report](#)



[Miscellaneous](#)

other	Industrial Communication
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[Confirmation](#)



Further information

Siemens is working on the renewal of the current EAC certificates.

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).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

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,...)

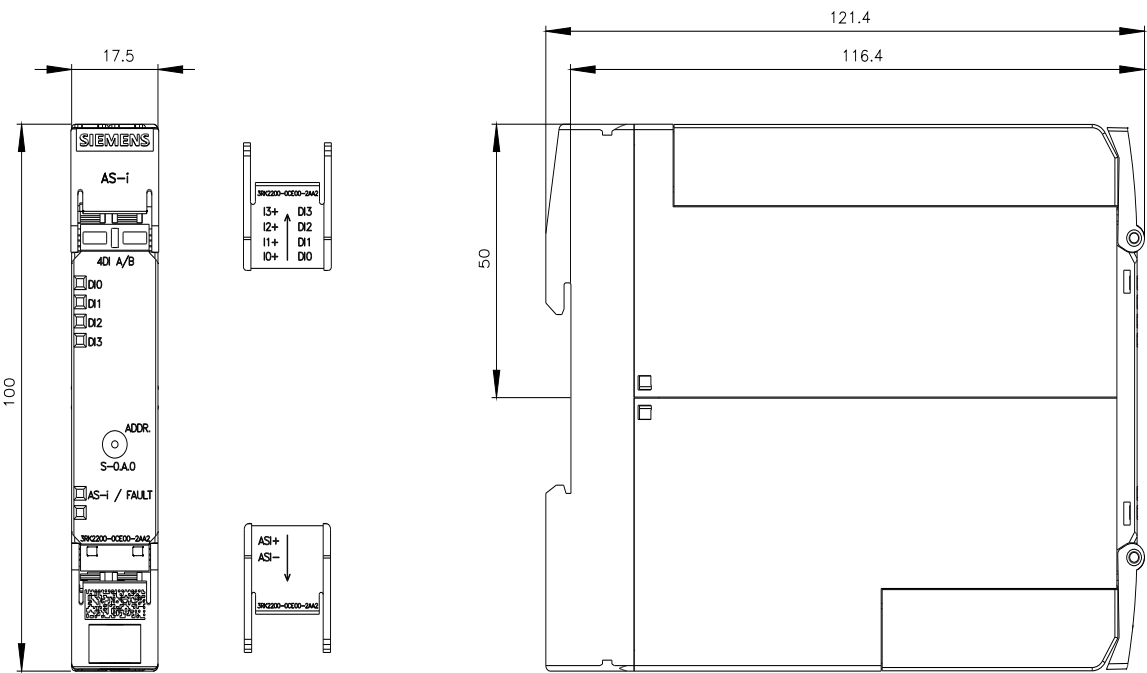
<https://www.siemens.com/ic10>

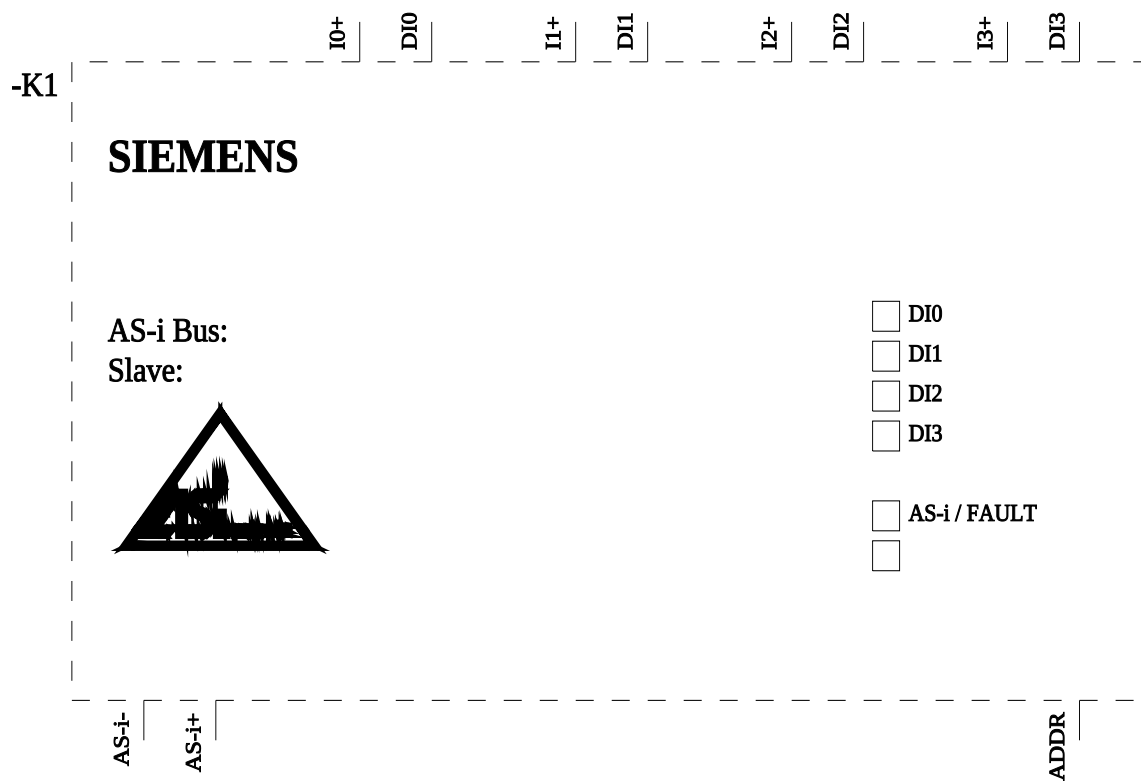
Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK2200-0CE00-2AA2>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0CE00-2AA2>





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