

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
General technical data	
Protection class IP	IP20
Design of the slave type	A/B slave
AS interface slave profile	S-0.A.0
ID1 code	7; Factory setting, changeable
Operating voltage acc. to AS Interface specification	18 ... 31.6 V
Product function suitable for AS-i Power24V	Yes
Protocol is supported AS-Interface protocol	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
Display version	
• as status display of the inputs/outputs	Yellow LED
• for AS Interface	LED green/red
Reference code	

• acc. to DIN EN 61346-2 • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K A
Shock resistance	15g / 11 ms (modules) or 10g / 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	2-wire technology
Sensor supply	
Type of voltage supply for power 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 • for AS Interface	2 A
Installation/ mounting/ dimensions	
Mounting type	screw and snap-on mounting
Height	100 mm
Width	17.5 mm
Depth	120 mm
Ambient conditions	
Ambient temperature • during operation • during storage	-25 ... +70 °C -40 ... +85 °C
Connections/ Terminals	
Type of electrical connection • of the inputs and outputs	Screw terminals
Type of connectable conductor cross-sections	

- solid
- finely stranded with core end processing
- finely stranded without core end processing
- at AWG conductors solid
- at AWG conductors stranded

1x (0.5 ... 2.5 mm²), 2x (1.0 ... 1.5 mm²)
 1x (0.5 ... 2.5 mm²), 2x (0.5 ... 1 mm²)
 Not permitted
 1x (20 ... 14), 2x (18 ... 16)
 Not permitted

Certificates/ approvals

General Product Approval			EMC	Declaration of Conformity	
 CSA	 UL		 RCM	 EG-Konf.	Miscellaneous

Test Certificates	Marine / Shipping				
Type Test Certificates/Test Report	 ABS	 LRS	 PRS	 RMRS	 DNVGL.COM/AF

other		
 ASi	Confirmation	Miscellaneous

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

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

Cax online generator

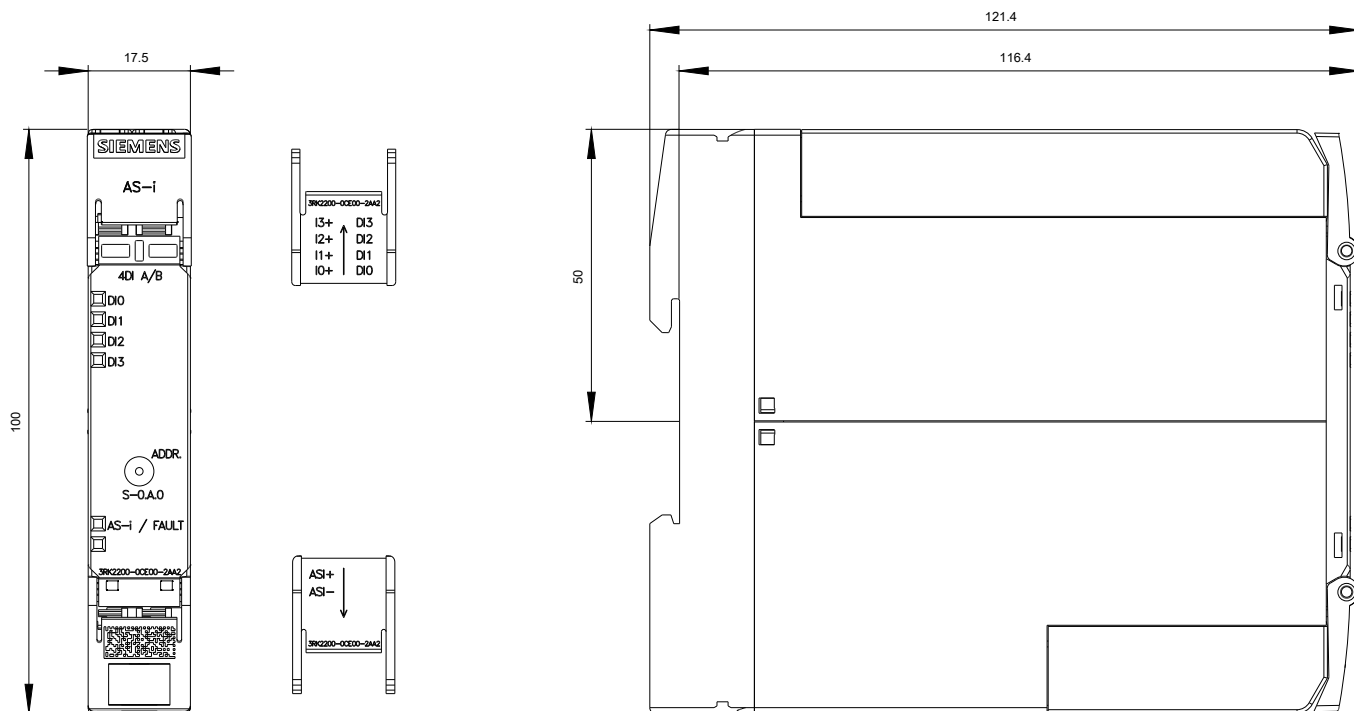
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0CE00-2AA2>

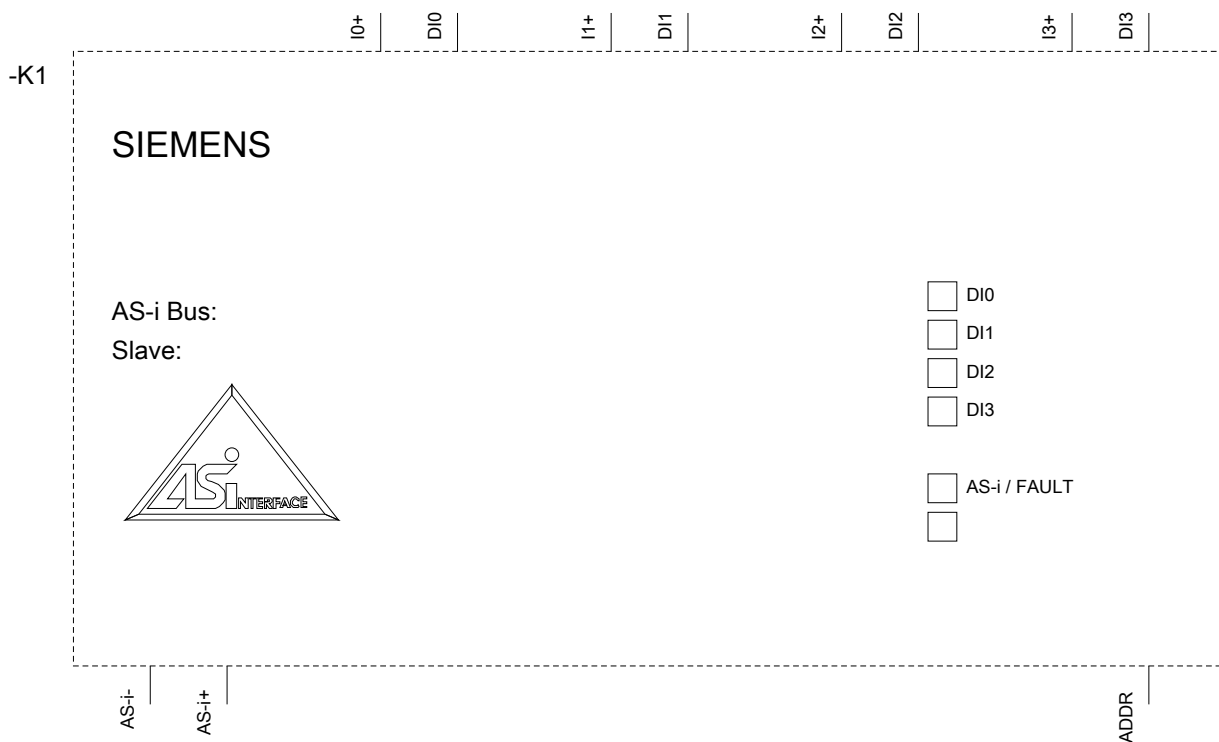
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0CE00-2AA2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0CE00-2AA2&lang=en





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