



AS-i SlimLine Compact module SC17.5 digital, A/B slave 4 DI, IP20 4 x input for 2-wire sensor spring-type 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 according 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	
• 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)
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 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		
fastening method	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	Spring-loaded terminals	
type of connectable conductor cross-sections - solid - finely stranded with core end processing - finely stranded without core end processing - at AWG cables solid - at AWG cables stranded	1x (0.5 ... 1.5 mm²), 2x (0.5 ... 1.5 mm²) 1x (0,25 ... 1,0 mm²), 2x (0,25 ... 1,0 mm²) 1x (0.5 ... 1.5 mm²), 2x (0.5 ... 1.5 mm²) 1x (20 ... 16), 2x (20 ... 16) 1x (20 ... 16), 2x (20 ... 16)	
Certificates/ approvals		
General Product Approval	EMC	Declaration of Conformity



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Test Certificates

Marine / Shipping

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other



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Further information

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=3RK2200-0CG00-2AA2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0CG00-2AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0CG00-2AA2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0CG00-2AA2&lang=en



