

AS-i SlimLine module Phased-out product !!! For further information, please contact our sales department S22.5 digital, A/B slave 4 DI, IP20 4 x inputs for 3-wire sensor Screw terminals Overall width 22.5 mm

General technical data		
design of the product		SlimLine S22.5 - I/O modules for operation in the control cabinet, IP20
design of the slave type		A/B slave
Type		4 inputs
I/O configuration		0
ID/ID2 code		A/0
protocol is supported AS-Interface protocol		Yes
AS interface total current input max	mA	270
operating voltage according to AS-Interface specification	V	26.5 ... 31.6
Addressing		front addressing socket
type of electrical connection of the inputs and outputs		screw-type terminals
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750		A
reference code according to EN 61346-2		K
note		An external additional supply (AUX POWER) of 20 to 30 V DC is required for the supply of the output circuits. The additional supply must comply with VDE 0106 (PELV), protection class III.
Sensor supply		
type of voltage supply for sensor supply		using AS-Interface
input voltage	V	20 ... 30
property of the sensor supply short-circuit and overload resistant		Yes
ampacity of the sensor supply for all inputs		
• at ambient temperature 40 °C	mA	200
Inputs		
number of digital inputs		4
type of connection technology		2- and 3-wire technology
Input circuit		PNP transistor
type of voltage of the input voltages		DC
Inputs switching level High min	V	10
input current at digital input		
• for signal <1> minimum	mA	5
• with signal <0> maximum	mA	1.5
Inputs sensor supply using AS-Interface		short-circuit and overload resistant
Outputs		
number of digital outputs		0
output voltage at DC at 24 V	V	22 ... 24
Status display		
• display of I/Os		yellow LED
• AS-Interface		green LED
• FAULT		red LED
Assignment of data bits		
• D0		IN1
• D1		IN2
• D2		IN3
• D3		IN4
Ambient conditions		
ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85

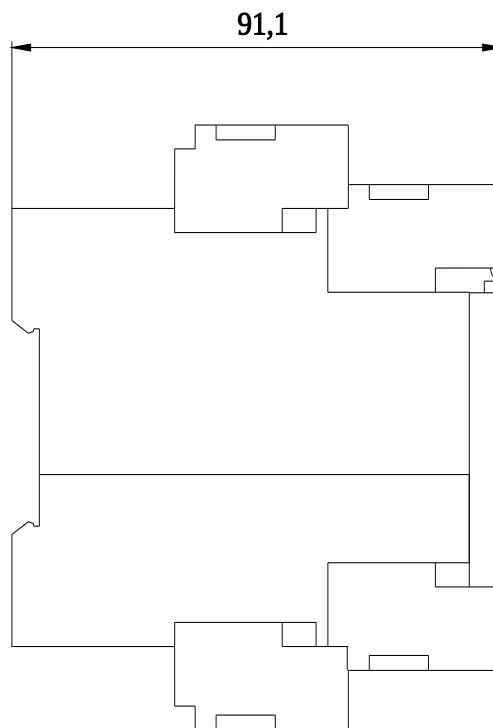
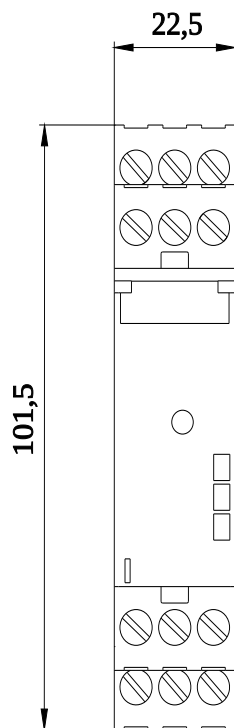
protection class IP		IP20
Mechanical data		
width	mm	22.5
height	mm	102
depth	mm	86
fastening method		35 mm standard rail mounting or wall mounting using push-in lugs
Conductor cross-section		
• solid • finely stranded — with end sleeve • AWG solid or stranded		1 x (0.5 - 4) mm ² or 2 x (0.5 - 2.5) mm ² 1 x (0.5 - 2.5) mm ² or 2 x (0.5 - 1.5) mm ² AWG 2 x (20 - 14) mm ²
Certificates/ approvals		
General Product Approval		EMV



EMV	Marine / Shipping	other	Environment
KC		Confirmation	Miscellaneous Environmental Confirmations

Industrial Communication

Further information 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=3RK2200-0CE02-0AA2 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0CE02-0AA2 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0CE02-0AA2 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0CE02-0AA2&lang=en
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