



Figure similar

AS-i SlimLine module Phased-out product !!! For further information, please contact our sales department S22.5 digital 2DI/2RQ, IP20 2 x input for 3-wire sensor 2 x 1 output, Relay 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		standard slave
Type		2 inputs / 2 outputs
I/O configuration		3
ID/ID2 code		0/F
protocol is supported AS-Interface protocol		Yes
AS interface total current input max	mA	50
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
Sensor supply		
type of voltage supply for power supply		using AS-Interface
input voltage	V	20 ... 30
property of the sensor supply short-circuit and overload resistant		Yes
Inputs		
number of digital inputs		2
type of connection technology		2-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		2
Outputs		
• current carrying capacity I _{th}	A	6
ampacity		
• of the output relay		
— at DC-13		
— at 24 V	A	1
— at 110 V	A	0.2
— at 230 V	A	0.1
— at AC-15 at 230 V at 50/60 Hz	A	3

type of switching output property of the output short-circuit proof output Polarity reversal protection Outputs <ul style="list-style-type: none"> • short-circuit protection • induction protection • watchdog Status display <ul style="list-style-type: none"> • display of I/Os • AS-Interface • FAULT Assignment of data bits <ul style="list-style-type: none"> • D0 • D1 • D2 • D3 	relay, changeover floating No does not apply external back-up fuse required: 6 A gL/gG does not apply built-in yellow LED green LED red LED IN1 IN2 OUT1 OUT2
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Ambient conditions

ambient temperature <ul style="list-style-type: none"> • during operation • during storage protection class IP	°C °C	-25 ... +70 -40 ... +85 IP20
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Mechanical data

width height depth fastening method Conductor cross-section <ul style="list-style-type: none"> • solid • finely stranded <ul style="list-style-type: none"> — with end sleeve • AWG solid or stranded 	mm mm mm	22.5 102 86 35 mm standard rail mounting or wall mounting using push-in lugs 1 x (0.5 - 4) or 2 x (0.5 - 2.5) 1 x (0.5 - 2.5) mm ² or 2 x (0.5 - 1.5) mm ² AWG 2 x (20 - 14) mm ²
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Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity
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[Confirmation](#)



Marine / Shipping	other
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other

[Confirmation](#)

[Miscellaneous](#)

Further information

Siemens has decided to exit the Russian market (see here).
<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>
 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).

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=3RK1402-0BE00-0AA2>

Cax online generator

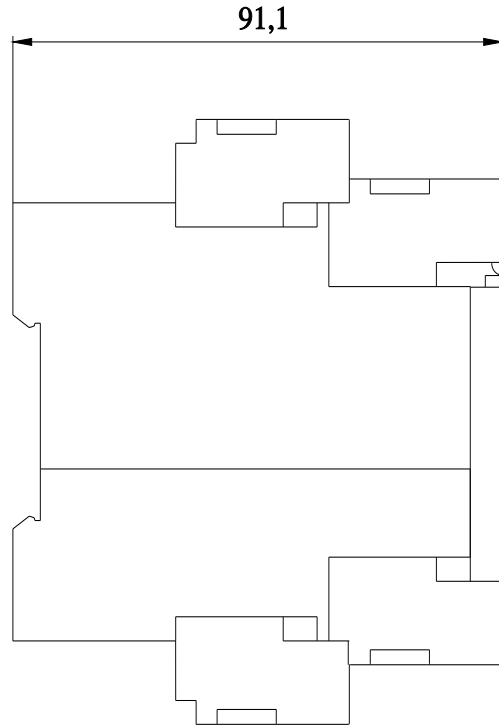
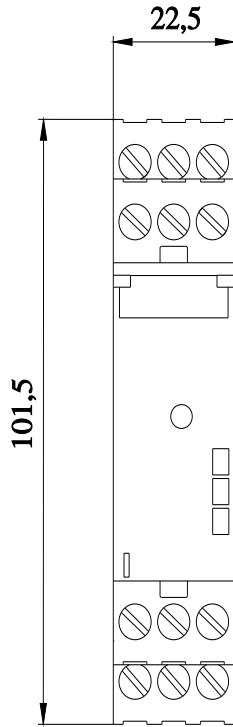
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1402-0BE00-0AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1402-0BE00-0AA2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1402-0BE00-0AA2&lang=en



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