

AS-i SlimLine module Phased-out product !!! For further information, please contact our sales department S22.5 digital 4 DQ, IP20 4 x output, 1 A, 24 V DC spring-type 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		4 outputs
I/O configuration		8
ID/ID2 code		0/F
protocol is supported AS-Interface protocol		Yes
AS interface total current input max	mA	40
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		spring-loaded 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.
Note 1		detachment tool for spring-loaded terminal connection: See Accessories

Inputs

number of digital inputs		0
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Outputs

number of digital outputs		4
type of voltage of output voltages		DC
output voltage at DC at 24 V	V	22 ... 24
Outputs external power supply 24 V DC		using terminals: Terminal 7= L+, Terminal 10 = M
Outputs		
• aggregate current max	A	2
ampacity		
• of the semiconductor output at DC-13 at 24 V	A	1
type of switching output		solid state (PNP)
property of the output short-circuit proof		Yes
output Polarity reversal protection		built-in
Outputs		
• short-circuit protection		built-in
• induction protection		built-in
• watchdog		built-in
Status display		
• display of I/Os		yellow LED
• AS-Interface		green LED
• FAULT		red LED

Assignment of data bits			OUT1 OUT2 OUT3 OUT4
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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		103
depth	mm		86
fastening method			35 mm standard rail mounting or wall mounting using push-in lugs
Conductor cross-section			
• solid			2 x (0.25 - 1.5) mm ²
• finely stranded			
— with end sleeve			2 x (0.25 - 1) mm ²
— without end sleeve			2 x (0.25 - 1.5) mm ²
• AWG solid or stranded			AWG 2 x (24 - 16) mm ²

Certificates/ approvals

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



Marine / Shipping **other**



[Confirmation](#)

other

[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).

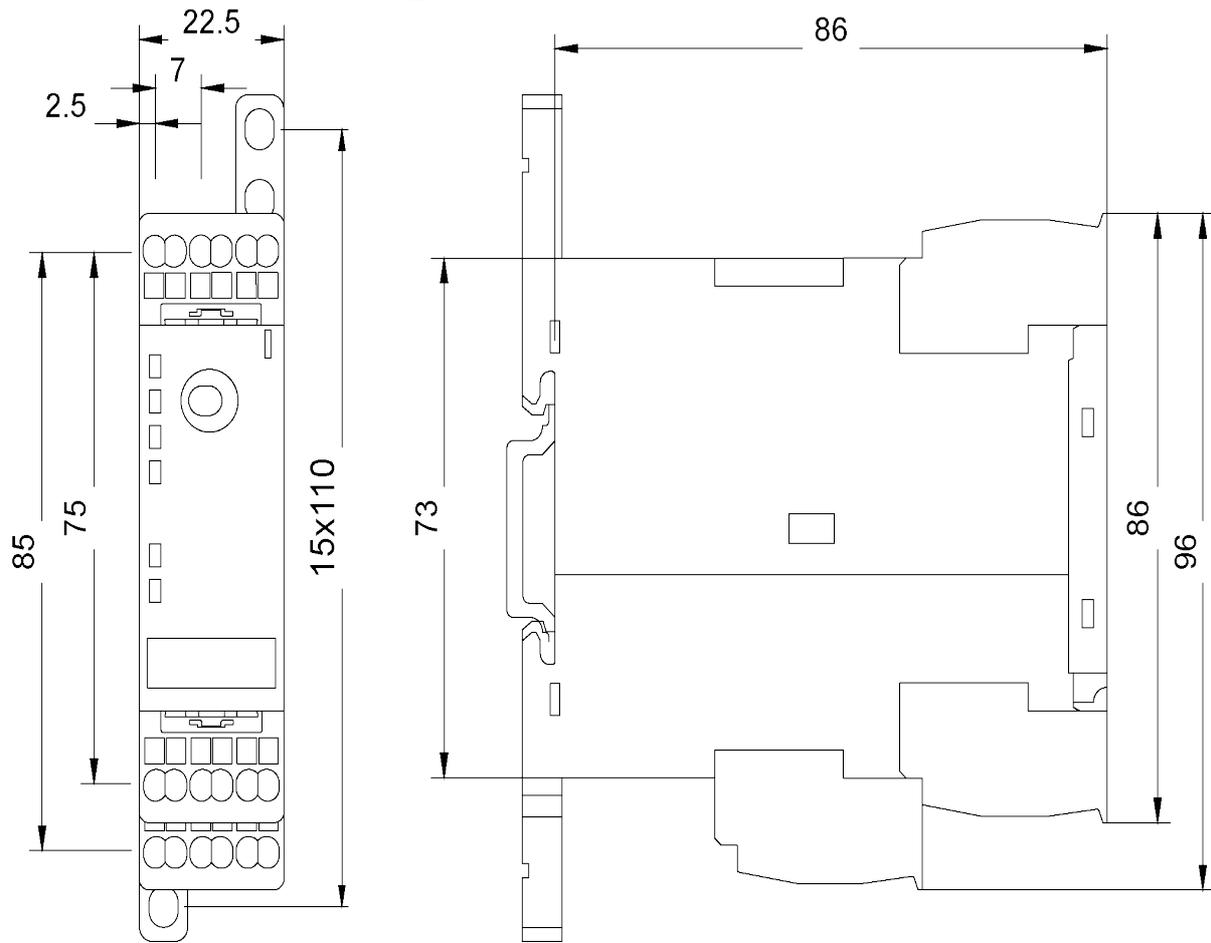
Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3RK1100-1CG00-0AA2>

Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1100-1CG00-0AA2>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RK1100-1CG00-0AA2>



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