



AS-i SlimLine module Phased-out product !!! For further information, please contact our sales department SC22.5 digital 2 DI/2 DQ, IP20 2 x input for 3-wire sensor 2 x output, 2 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 device type		standard slave
protocol is supported AS-Interface protocol		Yes
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
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
Inputs		
number of digital inputs		2
type of connection technology		2-wire technology
type of voltage of the input voltages		DC
input current at digital input		
• for signal <1> minimum	mA	5
• with signal <0> maximum	mA	1.5
Outputs		
number of digital outputs		2
type of voltage of output voltages		DC
output voltage at DC at 24 V	V	22 ... 24
ampacity		
• of the semiconductor output at DC-13 at 24 V	A	2
type of switching output		PNP transistor
property of the output short-circuit proof		Yes
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

Certificates/ approvals

General Product Approval

EMV



Test Certificates

Maritime application

other

Environment

[Special Test Certificate](#)



[Miscellaneous](#)



[Confirmation](#)

[Environmental Confirmations](#)

Industrial Communication



Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3RK1400-0BG00-0AA2>

Cax online generator

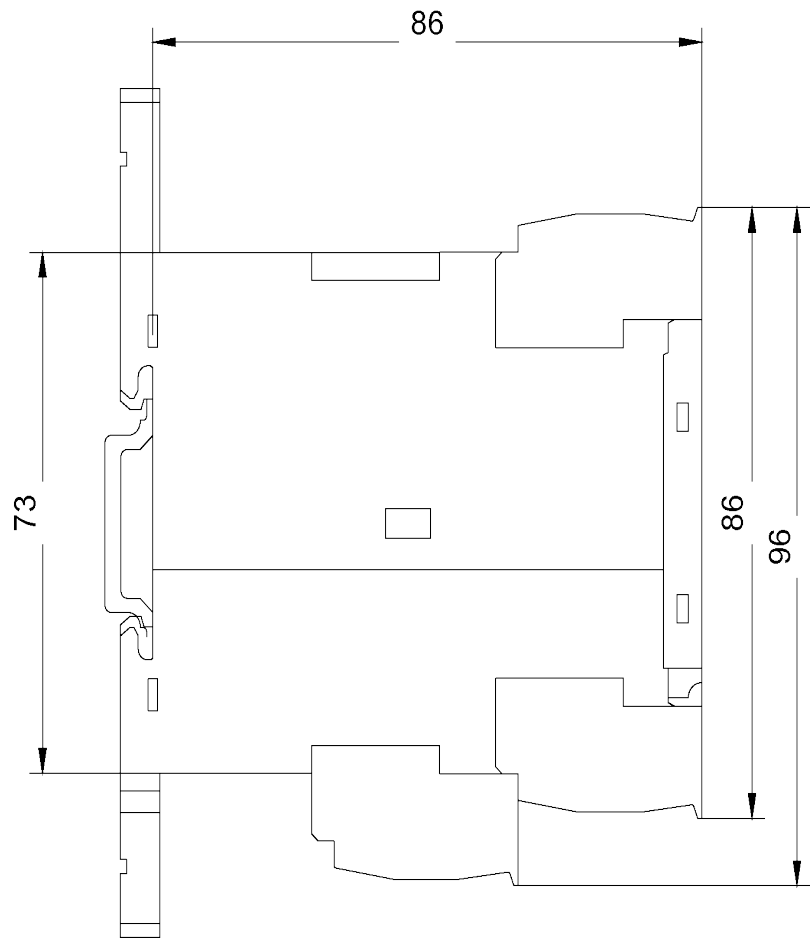
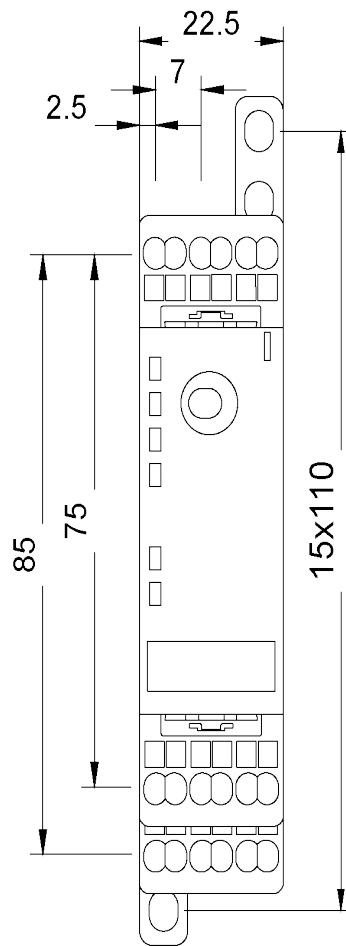
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1400-0BG00-0AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1400-0BG00-0AA2>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1400-0BG00-0AA2&lang=en



last modified:

5/4/2025 