

AS-INTERFACE MODULE SLIMLINE S22.5, DIGITAL, 4A, IP20, 4 X 1 OUTP.,ELECTR., 1A, DC 24V SCREW-TYPE TERMINAL CONNECT. MODULE WIDTH 22.5 MM



General technical data:

<b>Design of the product</b>		SlimLine S22.5 - I/O modules for operation in the control cabinet, IP20
<b>Design of the slave type</b>		standard slave
<b>Type</b>		4 outputs
<b>I/O configuration</b>		8
<b>ID/ID2 code</b>		0/F
<b>Protocol is supported AS-interface protocol</b>		Yes
<b>AS interface total current input max</b>	mA	40
<b>operating voltage according to AS-Interface spezification</b>	V	26.5 ... 31.6
<b>Addressing</b>		front addressing socket
<b>Type of electrical connection of the inputs and outputs</b>		screw-type terminals
<b>Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b>		A
<b>Equipment marking acc. to DIN EN 61346-2</b>		K

<b>note</b>		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.
-------------	--	---

#### Inputs:

<b>Number of digital inputs</b>		0
---------------------------------	--	---

#### Outputs:

<b>Number of digital outputs</b>		4
<b>Type of voltage of output voltages</b>		DC
<b>Output voltage at DC at 24 V</b>	V	22 ... 24
<b>Outputs external power supply 24 V DC</b>		using terminals: Terminal 7= L+, Terminal 10 = M
<b>Outputs</b>		
• aggregate current max	A	2
<b>Ampacity</b>		
• of the semiconductor output at DC-13 at 24 V	A	1
<b>Type of switching output</b>		solid state (PNP)
<b>Property of the output Short-circuit proof</b>		Yes
<b>output Polarity reversal protection</b>		built-in
<b>Outputs</b>		
• short-circuit protection		built-in
• induction protection		built-in
• watchdog		built-in
<b>Status display</b>		
• display of I/Os		yellow LED
• AS-Interface		green LED
• FAULT		red LED
<b>Assignment of data bits</b>		
• D0		OUT1
• D1		OUT2
• D2		OUT3
• D3		OUT4

#### Ambient conditions:

<b>Ambient temperature</b>		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
<b>Protection class IP</b>		IP20

#### Mechanical data:

<b>Width</b>	mm	22.5
<b>Height</b>	mm	102
<b>Depth</b>	mm	86

<b>Mounting type</b>		35 mm standard rail mounting or wall mounting using push-in lugs
<b>Conductor cross-section</b>		1 x (0.5 - 4) mm <sup>2</sup> or 2 x (0.5 - 2.5) mm <sup>2</sup>
<ul style="list-style-type: none"> <li>• solid</li> <li>• finely stranded <ul style="list-style-type: none"> <li>— with end sleeve</li> </ul> </li> <li>• AWG solid or stranded</li> </ul>		1 x (0.5 - 2.5) mm <sup>2</sup> or 2 x (0.5 - 1.5) mm <sup>2</sup> AWG 2 x (20 - 14) mm <sup>2</sup>

#### Certificates/ approvals:

<b>AS-Interface certificate</b>		yes (or requested for in case of new units)
<b>Approvals</b>		UL, CSA, shipbuilding (or requested for in case of new units)

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	Shipping Approval
--------------------------	---------------------------------------	---------------------------	-------------------



**EAC**

[sonstig](#)



#### Shipping Approval



#### other



[Bestätigungen](#)

[Umweltbestätigung](#)

[sonstig](#)

#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

##### Cax online generator

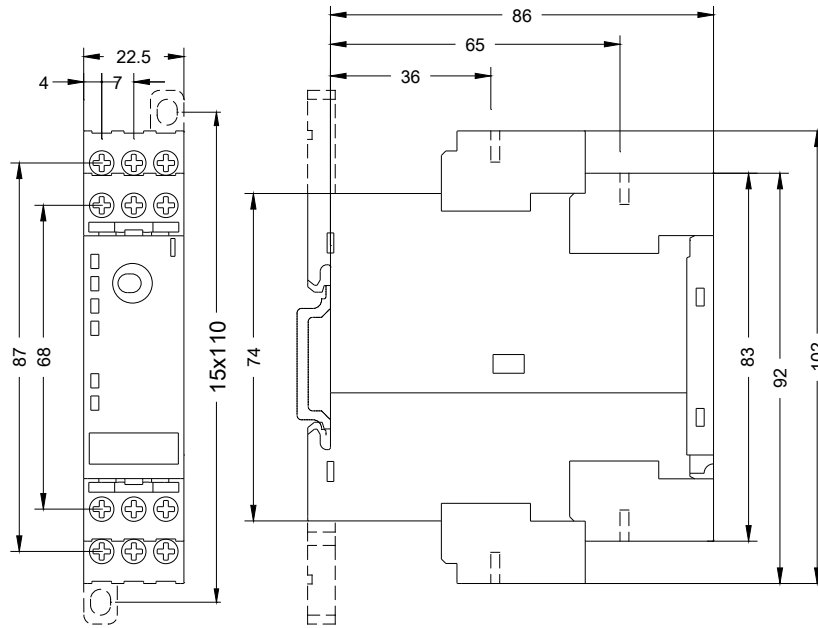
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1100-1CE00-0AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1100-1CE00-0AA2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1100-1CE00-0AA2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1100-1CE00-0AA2&lang=en)



last modified:

10/07/2016