



Figure similar

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:

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
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		A
Equipment marking acc. to DIN 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 for 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		
• D0		OUT1
• D1		OUT2
• D2		OUT3
• D3		OUT4

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
Mounting type		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:

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

General Product Approval	Shipping Approval				
 CSA	 GOST	 UL	 EAC	 ABS	 DNV

Shipping Approval	other				
 LRS	 PRS	 RINA	 RMRS	Confirmation	Declaration of Conformity

other	
Environmental Confirmations	other

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

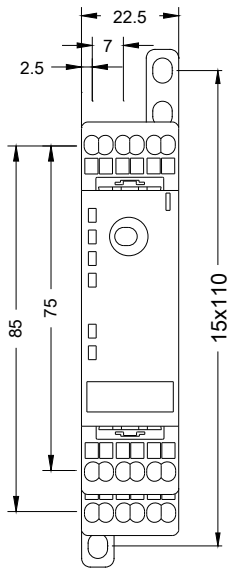
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK11001CG000AA2>

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

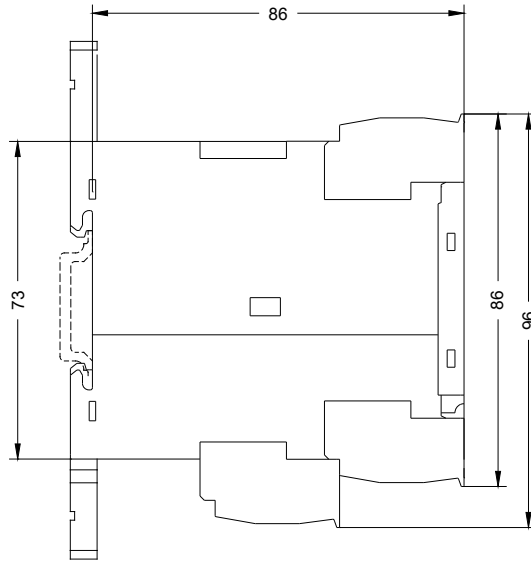
<http://support.automation.siemens.com/WW/view/en/3RK11001CG000AA2/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK11001CG000AA2&lang=en>



last modified:



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