

AS-i SlimLine Compact module SC22.5, IP20, analog, 2AQ-C/V
spring-type terminals 4 x analog output Outputs switchable C/V
Overall width 22.5 mm



Product designation	Slimline Compact I/O module for use in the control cabinet
Design of the product	AS-i SC22.5, 2AQ voltage/current
General technical data	
Protection class IP	IP20
Design of the slave type	standard slave
AS interface slave profile	S-7.3.5
ID1 code	F; Factory setting, changeable
Operating voltage acc. to AS Interface specification	18 ... 31.6 V
Product function suitable for AS-i Power24V	Yes
Protocol is supported AS-Interface protocol	Yes
Consumed current from profile conductors of the AS-Interface	
• at 30 V maximum	200 mA
• at 24 V with AS-i Power24V maximum	200 mA
Type of address setting of AS-i slaves	via front addressing socket
Display version	
• for AS Interface	LED green/red
Reference code	
• acc. to DIN EN 61346-2	K

• acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	A
Shock resistance	15g / 11 ms (modules) or 10g / 11 ms (modules with device connector)
Other information	An auxiliary external feed (AUX POWER) of between 20 and 30 V DC is necessary for supplying the output circuits. The auxiliary feed must comply with IEC 60990 (PELV), protection class III.
Digital Inputs	
Number of digital inputs	0
Number of digital inputs safety-related	0
Digital Outputs	
Number of digital outputs	0
Type of voltage supply at the outputs	AS interface or U_AUX
Analog inputs	
Number of analog inputs	0
Analog outputs	
Number of analog outputs	2
Product function Parameterizable output variable	Yes
Device connector	
Ampacity of the interface to the device connector	
• for AS Interface	2 A
• for external auxiliary voltage	4 A
Installation/ mounting/ dimensions	
Mounting type	screw and snap-on mounting
Height	100 mm
Width	22.5 mm
Depth	120 mm
Connections/ Terminals	
Type of electrical connection	
• of the inputs and outputs	Spring-loaded terminals
Type of connectable conductor cross-sections	
• solid	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 1.5 mm ²)
• finely stranded with core end processing	1x (0.5 ... 1.0 mm ²), 2x (0.5 ... 1.0 mm ²)
• finely stranded without core end processing	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 1.5 mm ²)
• at AWG conductors solid	1x (20 ... 16), 2x (20 ... 16)
• at AWG conductors stranded	1x (20 ... 16), 2x (20 ... 16)
Certificates/ approvals	

General Product Approval			EMC	Declaration of Conformity	
					Miscellaneous
CSA	UL		RCM	EG-Konf.	

Test Certificates	Marine / Shipping				
Type Test Certificates/Test Report					
	ABS	LRS	PRS	RINA	RMRS

Marine / Shipping	other				
			Confirmation		
	DNV GL	ASi			

Further information

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

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1107-0BG00-2AA2>

Cax online generator

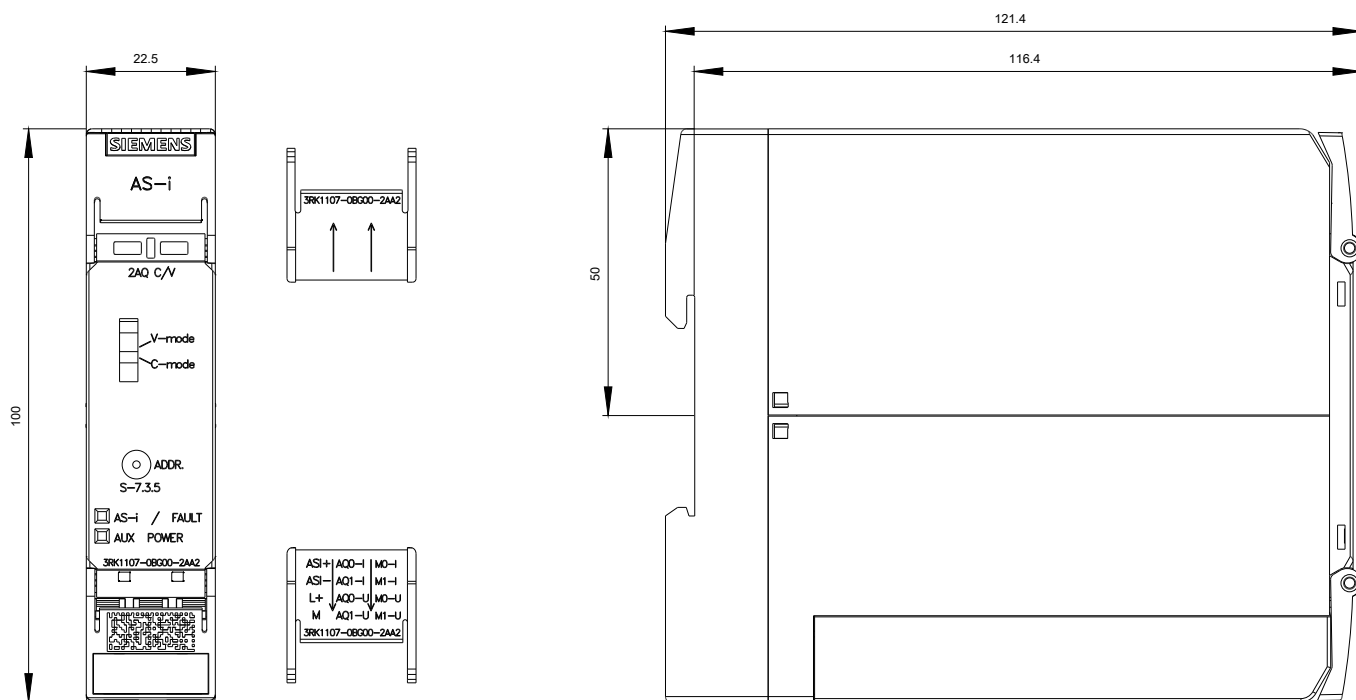
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1107-0BG00-2AA2>

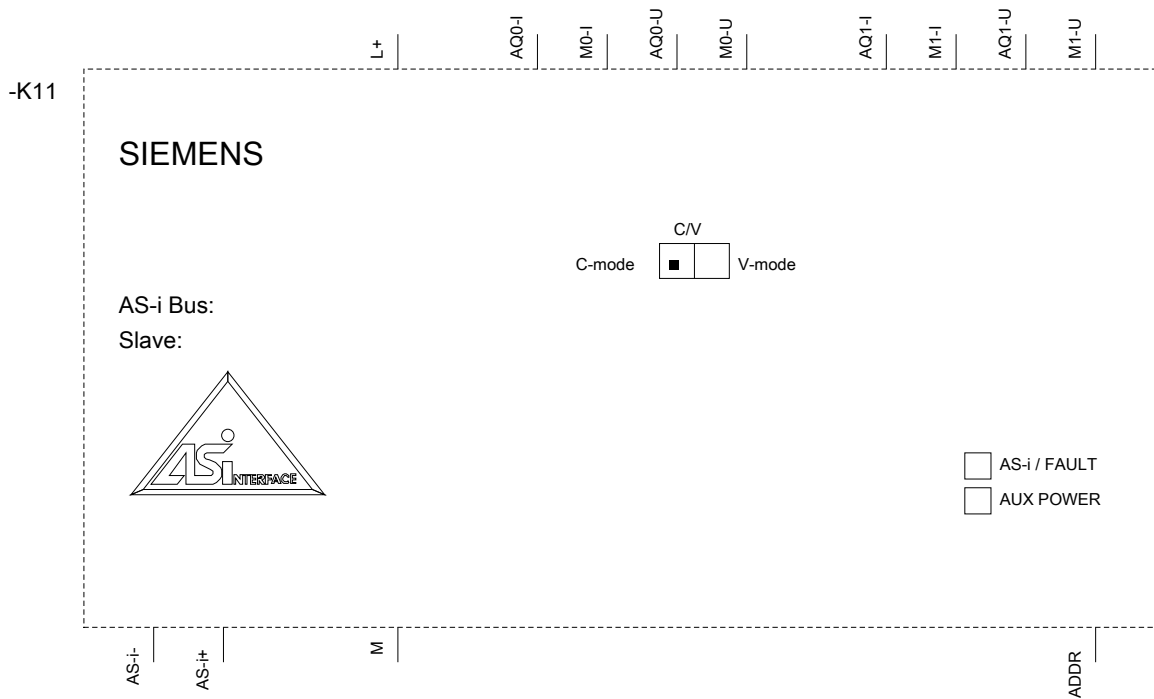
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1107-0BG00-2AA2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1107-0BG00-2AA2&lang=en





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