

ASIsafe SlimLine Compact module SC17.5F digital safety 2 F-DI, IP20 2 x input for mechanical sensors spring-type terminals Overall width 17.5 mm



Product designation	Slimline Compact I/O module for use in the control cabinet
Design of the product	AS-i SC17.5F, 2F-DI
General technical data	
Protection class IP	IP20
Design of the slave type	standard slave
AS interface slave profile	S-0.B.F
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	50 mA
• at 24 V with AS-i Power24V maximum	50 mA
Type of address setting of AS-i slaves	via front addressing socket
Display version	
• as status display of the inputs/outputs	Yellow LED
• for AS Interface	LED green/red
Reference code	

• acc. to DIN EN 61346-2 • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K A
Shock resistance	15g / 11 ms (modules) or 10g / 11 ms (modules with device connector)
Digital Inputs	
Number of digital inputs	0
Number of digital inputs safety-related	2
Type of input characteristic	mechanical contacts
Digital Outputs	
Number of digital outputs	0
Analog inputs	
Number of analog inputs	0
Analog outputs	
Number of analog outputs	0
Device connector	
Capacity of the interface to the device connector • for AS Interface	2 A
Installation/ mounting/ dimensions	
Mounting type	screw and snap-on mounting
Height	100 mm
Width	17.5 mm
Depth	120 mm
Ambient conditions	
Ambient temperature • during operation • during storage	-25 ... +70 °C -40 ... +85 °C
Connections/ Terminals	
Type of electrical connection • of the inputs and outputs	Spring-loaded terminals
Type of connectable conductor cross-sections • solid • finely stranded with core end processing • finely stranded without core end processing • at AWG conductors solid • at AWG conductors stranded	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 1.5 mm ²) 1x (0,25 ... 1,0 mm ²), 2x (0,25 ... 1,0 mm ²) 1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 1.5 mm ²) 1x (20 ... 16), 2x (20 ... 16) 1x (20 ... 16), 2x (20 ... 16)
Certificates/ approvals	

General Product Approval	EMC	Functional Safety/Safety of Machinery	Declaration of Conformity
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CSA



UL



RCM

[Miscellaneous](#)



EG-Konf.

Declaration of Conformity	Test Certificates	Marine / Shipping
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS



RINA

Marine / Shipping	other
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RMRS



DNVGL.COM/AF



ASi

[Confirmation](#)

Further information

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=3RK1205-0BG00-2AA2>

Cax online generator

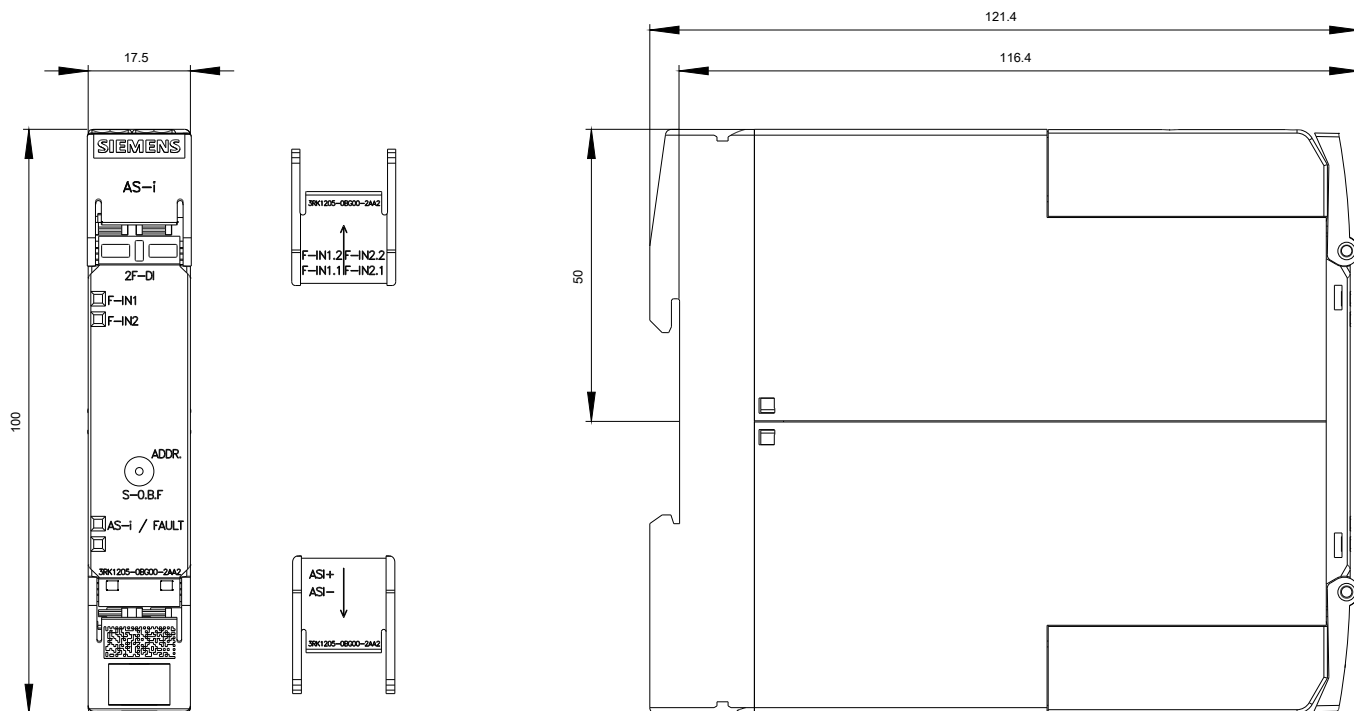
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1205-0BG00-2AA2>

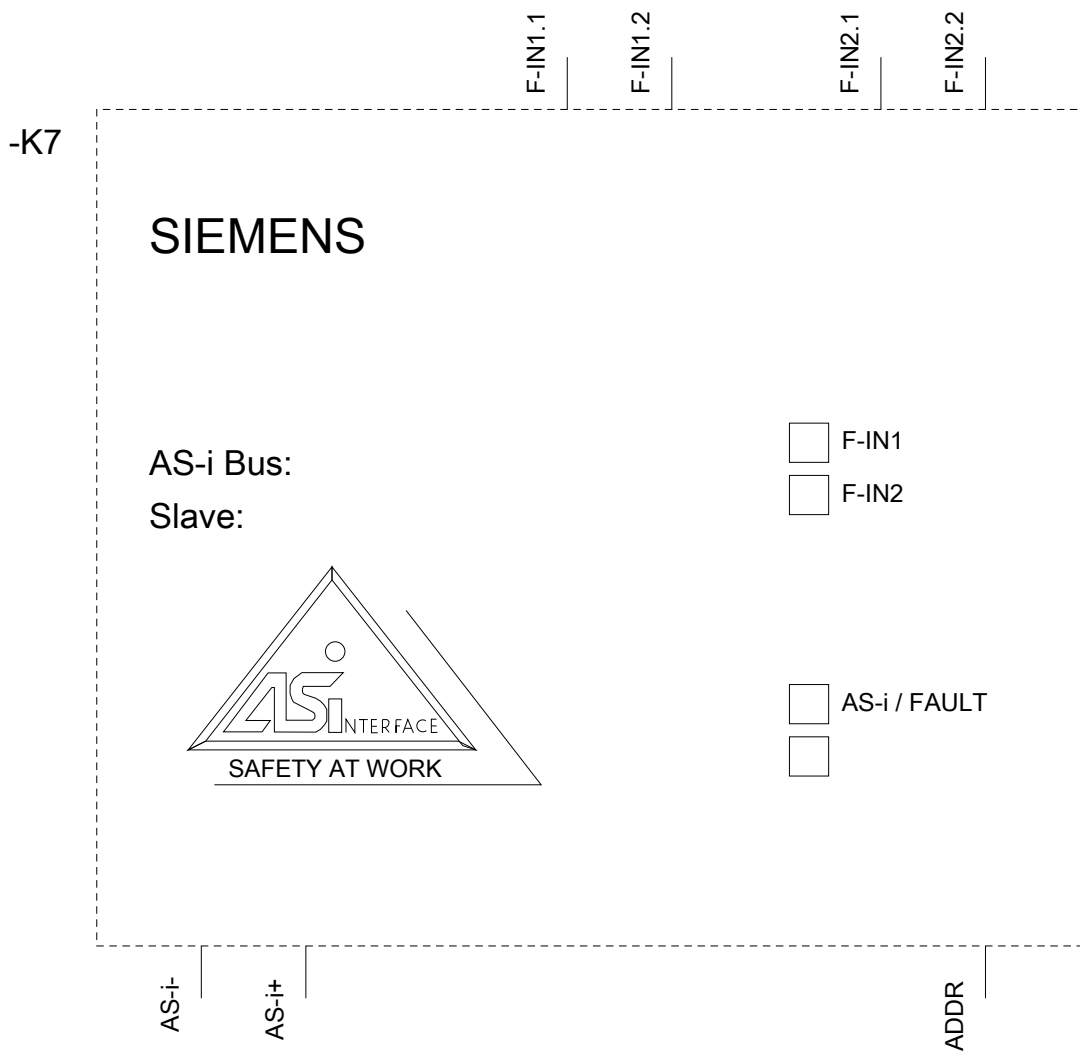
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1205-0BG00-2AA2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1205-0BG00-2AA2&lang=en





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