

AS-Interface module, 4 inputs and 4 outputs, black, Spring-type terminal (push-in) for input/output, for front plate mounting



Product brand name	SIRIUS ACT
Product designation	AS-Interface module
Product type designation	3SU1
General technical data	
Product function	4 DI / 4 DQ
Degree of pollution	3
Type of voltage	
• of the operating voltage	DC
• of the input voltage	DC
Consumed current	
• maximum	150 mA
Protection class IP	IP20
Shock resistance	
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	A
Reference code acc. to DIN EN 81346-2	K

Reference code acc. to DIN EN 61346-2	K
Design of the slave type	4 DI / 4 DO
AS interface slave profile	S-7.0.E
ID1 code	0...F
Number of AS-i slaves	1
Protocol is supported ASIsafe (Safety at work) protocol	No
Operating voltage • rated value	18 ... 31.6 V
Operating voltage 1 • at DC rated value	30 V

Communication/ Protocol

Protocol is supported • AS-Interface protocol	Yes
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Inputs/ Outputs

Number of digital inputs • safety-related	4 0
Number of digital outputs	4

Connections/ Terminals

Type of electrical connection	Push-in terminal
Type of connectable conductor cross-sections • solid without core end processing • finely stranded without core end processing • at AWG conductors	1x (0.14 ... 0.5 mm ²) 1x (0.2 ... 0.5 mm ²) 1x (26 ... 20)

Product Function

Suitability for use • safety-related circuits	No
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Ambient conditions

Ambient temperature • during operation • during storage	-25 ... +70 °C -40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 ... 95%, no condensation in operation permitted)

Installation/ mounting/ dimensions

Mounting type • of modules and accessories • of AS-i slaves	Front plate mounting Frontplattenbefestigung
Height	60 mm
Width	23.8 mm
Depth	53.5 mm

Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity	Test Certificates
 UL		 RCM	 EG-Konf.

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

Test Certificates	other
Special Test Certificate	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=3SU1400-1EK10-6AA0>

Cax online generator

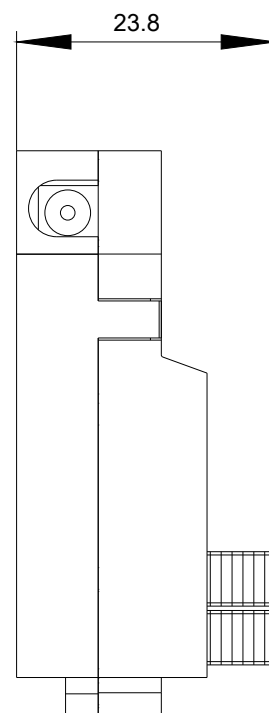
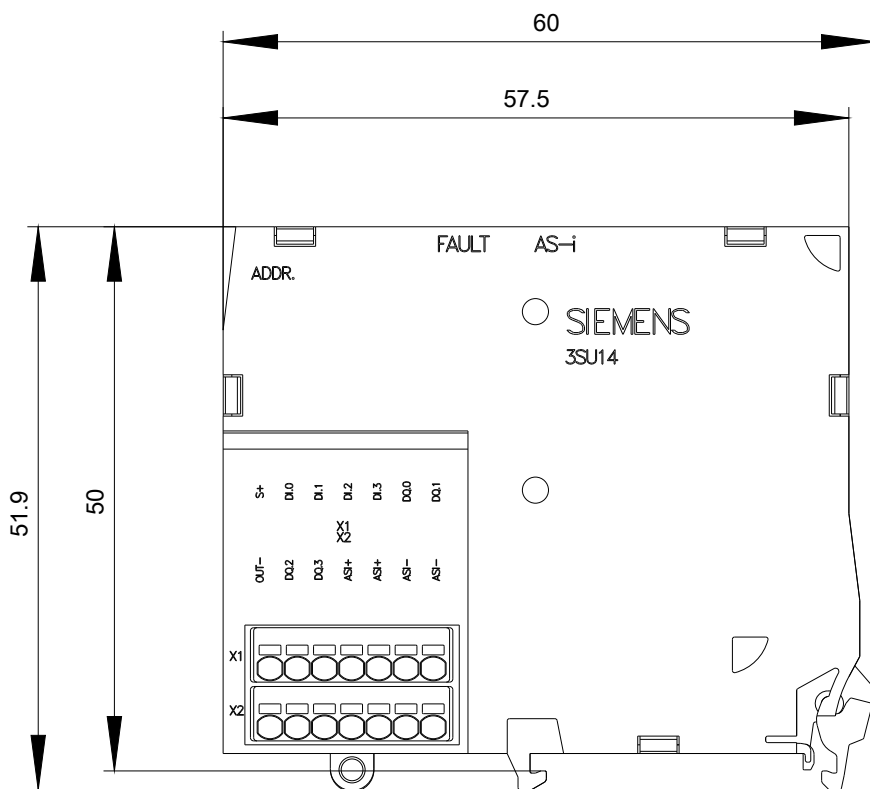
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1EK10-6AA0>

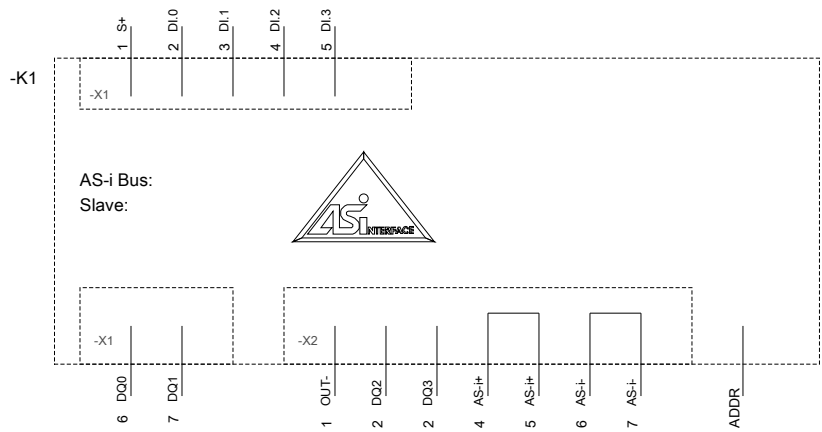
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1EK10-6AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1EK10-6AA0&lang=en





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