

Electronics module for IO-Link, black, 8 inputs/outputs, 6 DI/2 DQ,
Push-in, for floor mounting



Product brand name	SIRIUS ACT
Product designation	Electronic module for IO-Link
Product type designation	3SU1

General technical data	
Insulation voltage	
• rated value	30 V
Degree of pollution	3
Type of voltage	
• of the operating voltage	DC
• of the input voltage	DC
Surge voltage resistance rated value	0.8 kV
Consumed current	
• maximum	41 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 EN 81346-2	P

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Operating voltage	
• rated value	18 ... 30 V
Operating voltage 1	
• at DC rated value	24 V
Communication/ Protocol	
Protocol is supported	
• AS-Interface protocol	No
• IO-Link protocol	Yes
IO-Link transfer rate	COM2 (38,4 kBaud)
Point-to-point cycle time between master and IO-Link device minimum	10 ms
Type of voltage supply via input/output link master	Yes
Amount of data	
• of the address area of the inputs with cyclical transfer total	3 byte
• of the address area of the outputs with cyclical transfer total	1 byte
Inputs/ Outputs	
Number of digital inputs	6
Number of digital outputs	2
Connections/ Terminals	
Type of electrical connection	Push-in terminal
Type of connectable conductor cross-sections	
• solid with core end processing	1x (0.14 ... 0.5 mm ²)
• solid without core end processing	1x (0.14 ... 0.5 mm ²)
• finely stranded without core end processing	1x (0.2 ... 0.5 mm ²)
• at AWG conductors	1x (26 ... 20)
Product Function	
Suitability for use	
• safety-related circuits	Yes
Safety related data	
Performance level (PL) acc. to EN ISO 13849-1	e
Category acc. to EN 954-1	4
Ambient conditions	
Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-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 <ul style="list-style-type: none">• of modules and accessories	Floor mounting
Height	57.5 mm
Width	23.8 mm
Depth	53.5 mm

Measuring circuit

Product function	6DI / 2DO
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Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates	other
	 EG-Konf.	Miscellaneous Type Test Certificates/Test Report	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=3SU1400-2HK10-6AA0>

Cax online generator

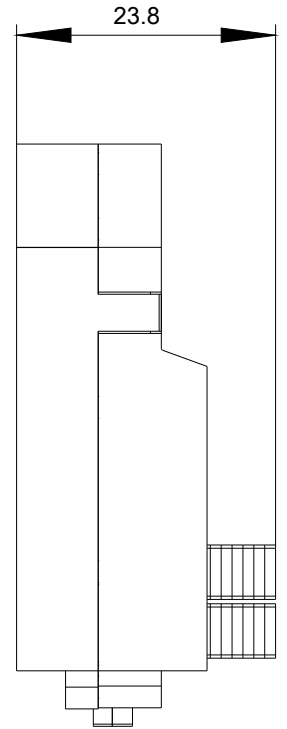
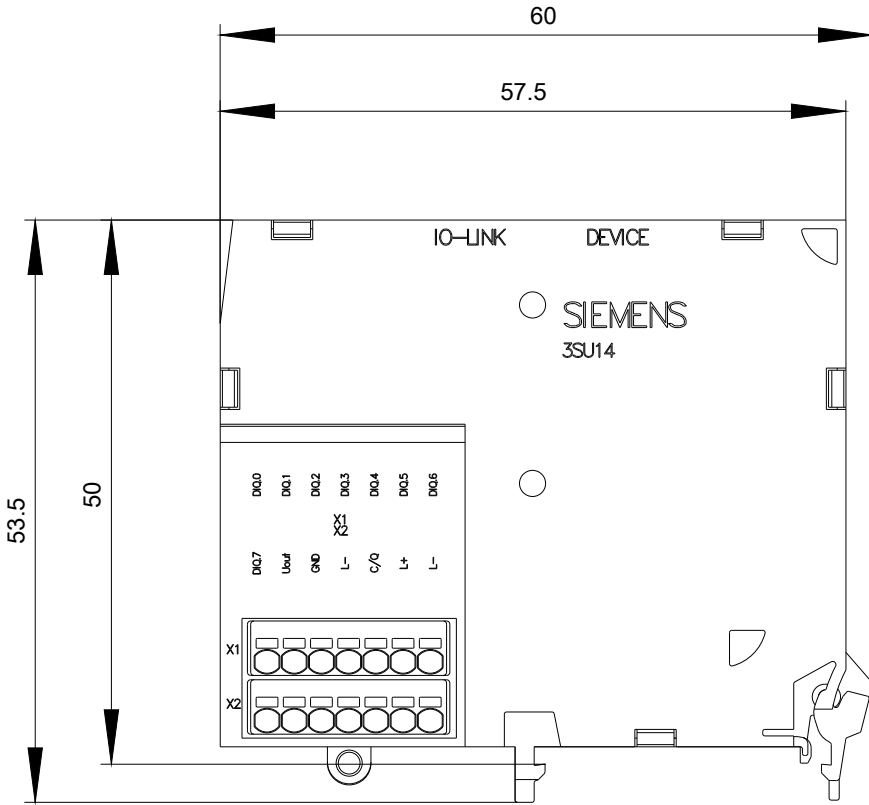
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-2HK10-6AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-2HK10-6AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-2HK10-6AA0&lang=en



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