

ELECTRONIC MODULE FOR IO-LINK, BLACK, 8 INPUTS /
OUTPUTS, 2DI/6DQ, PUSH-IN, FOR FLOOR MOUNTING



Figure similar

Product brand name	SIRIUS ACT
Product designation	Electronic module
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	

<ul style="list-style-type: none"> • for railway applications acc. to DIN EN 61373 	Category 1, Class B
Equipment marking	
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 	P
<ul style="list-style-type: none"> • acc. to DIN EN 81346-2 	P
Main circuit	
Operating voltage	
<ul style="list-style-type: none"> • rated value 	18 ... 30 V
Operating voltage 1	
<ul style="list-style-type: none"> • at DC rated value 	24 V
Communication/ Protocol	
Protocol is supported	
<ul style="list-style-type: none"> • AS-interface protocol 	No
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • of the address area of the inputs with cyclical transfer total 	3 byte
<ul style="list-style-type: none"> • of the address area of the outputs with cyclical transfer total 	1 byte
Inputs/ Outputs	
Number of digital inputs	2
Number of digital outputs	6
Connections/Terminals	
Type of electrical connection	Push-in terminal
Type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • solid with core end processing 	1x (0.14 ... 0.5 mm ²)
<ul style="list-style-type: none"> • solid without core end processing 	1x (0.14 ... 0.5 mm ²)
<ul style="list-style-type: none"> • finely stranded without core end processing 	1x (0.2 ... 0.5 mm ²)
<ul style="list-style-type: none"> • at AWG conductors 	1x (26 ... 20)
Product Function	
Suitability for use	
<ul style="list-style-type: none"> • 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
- 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	floor mounting
Height	57.5 mm
Width	23.8 mm
Depth	53.5 mm

Measuring circuit

Product function	2DI / 6DO
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Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates	other
	 EG-Konf.	Declaration of the Compliance with the order	Special Test Certificate Confirmation

Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1400-2HN10-6AA0>

Cax online generator

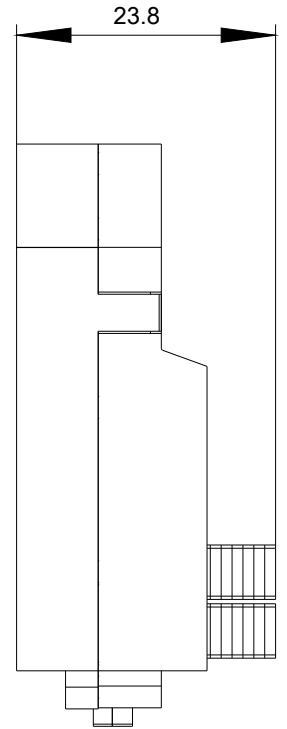
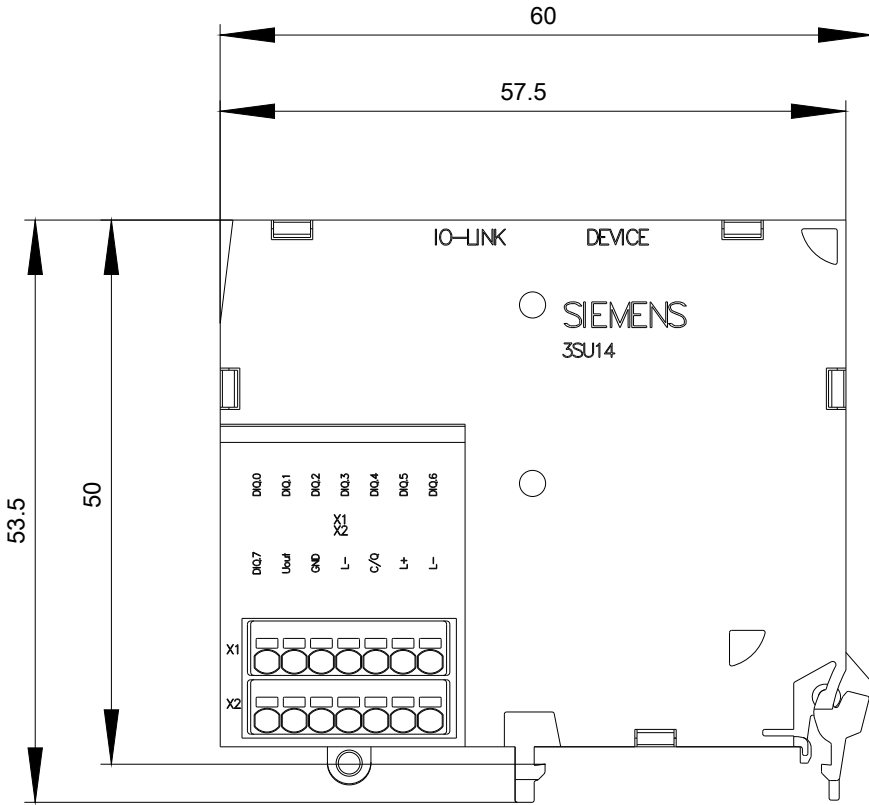
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-2HN10-6AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-2HN10-6AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-2HN10-6AA0&lang=en



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