



Electronics module for IO-Link, black, 8 inputs/outputs, user-programmable, default 6 DI/2 DQ, Spring-type terminal (Push-in), for front plate mounting

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Electronic module for IO-Link
<b>product type designation</b>	3SU1
<b>General technical data</b>	
insulation voltage rated value	30 V
<b>degree of pollution</b>	3
<b>type of voltage</b>	
• of the operating voltage	DC
• of the input voltage	DC
<b>surge voltage resistance rated value</b>	0.8 kV
consumed current maximum	41 mA
<b>protection class IP</b>	IP20
shock resistance for railway applications according to EN 61373	Category 1, Class B
vibration resistance for railway applications according to EN 61373	Category 1, Class B
<b>reference code according to IEC 81346-2</b>	P
<b>Substance Prohibitance (Date)</b>	10/01/2014
operating voltage rated value	18 ... 30 V
operating voltage 1 at DC rated value	24 V
<b>Communication/ Protocol</b>	
<b>protocol is supported</b>	
• AS-Interface protocol	No
• IO-Link protocol	Yes
<b>IO-Link transfer rate</b>	COM2 (38,4 kBaud)
<b>point-to-point cycle time between master and IO-Link device minimum</b>	10 ms
<b>type of voltage supply via input/output link master</b>	Yes
<b>data volume</b>	
• of the address range of the inputs with cyclical transfer total	3 byte
• of the address range of the outputs with cyclical transfer total	1 byte
<b>Inputs/ Outputs</b>	
<b>number of digital inputs</b>	
• note	freely programmable
<b>number of digital outputs</b>	freely programmable
<b>Connections/ Terminals</b>	
<b>type of electrical connection</b>	spring-loaded terminal (push-in)
<b>type of connectable conductor cross-sections</b>	

- solid with core end processing 1x (0.14 ... 0.5 mm<sup>2</sup>)
- solid without core end processing 1x (0.14 ... 0.5 mm<sup>2</sup>)
- finely stranded without core end processing 1x (0.2 ... 0.5 mm<sup>2</sup>)
- at AWG cables 1x (26 ... 20)

#### Product Function

suitability for use safety-related circuits No

#### Ambient conditions

**ambient temperature**

- during operation -25 ... +70 °C
- during storage -40 ... +80 °C

environmental category during operation according 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

fastening method of modules and accessories Front plate mounting

**height** 57.5 mm

**width** 23.8 mm

**depth** 53.5 mm

#### Measuring circuit

**product function** freely programmable (default 6DI / 2DQ)

#### Certificates/ approvals

General Product Approval

Declaration of Conformity

Test Certificates

[Confirmation](#)



[Special Test Certificate](#)

Test Certificates

other

[Type Test Certificates/Test Report](#)

[Confirmation](#)

[Environmental Conformations](#)

#### 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=3SU1400-1HL10-6AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1HL10-6AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1HL10-6AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1400-1HL10-6AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1HL10-6AA0&lang=en)

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