

Electronics module IO-Link for ID key-operated switch, with 5 programmable electronic switches, controller and RFID authentication of the switching function, black, Operating voltage 24 V DC, screw terminal, for front plate mounting, for industrial application in control cabinets and machines



Figure similar

Product brand name	SIRIUS ACT
Product designation	Electronic module
Product type designation	3SU1
Actuator	
Product extension optional Light source	No
Display	
Number of LEDs	4
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	

<ul style="list-style-type: none"> • maximum 	49 mA
Protection class IP	IP20
Operating voltage	
<ul style="list-style-type: none"> • rated value 	18 ... 30 V
<ul style="list-style-type: none"> • at DC <ul style="list-style-type: none"> — rated value 	24 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"> • 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 	2 byte
<ul style="list-style-type: none"> • of the address area of the outputs with cyclical transfer total 	0 byte

Auxiliary circuit

Number of NC contacts	
<ul style="list-style-type: none"> • for auxiliary contacts 	0
Number of NO contacts	
<ul style="list-style-type: none"> • for auxiliary contacts 	5
Number of CO contacts	
<ul style="list-style-type: none"> • for auxiliary contacts 	0

Inputs/ Outputs

Number of digital inputs	0
<ul style="list-style-type: none"> • safety-related 	0
Number of digital outputs	5
Output voltage at digital output at DC rated value	23.5 V

Connections/Terminals

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • solid with core end processing 	1x (0.2 ... 2.5 mm ²), 2x (0.2 ... 0.75 mm ²)
<ul style="list-style-type: none"> • solid without core end processing 	1x (0.2 ... 2.5 mm ²), 2x (0.2 ... 0.75 mm ²)
<ul style="list-style-type: none"> • finely stranded with core end processing 	1x (0.2 ... 2.5 mm ²), 2x (0.25 ... 0.75 mm ²)
<ul style="list-style-type: none"> • finely stranded without core end processing 	1x (0.2 ... 2.5 mm ²), 2x (0.2 ... 0.75 mm ²)
<ul style="list-style-type: none"> • at AWG conductors 	1x (24 ... 14), 2x (24 ... 19)
Tightening torque	

- with screw-type terminals

0.35 ... 0.4 N·m

Product Function

Product function parameterizable Yes

Safety related data

MTBF

- at 70 °C 138 y
- at full load at 25 °C 141 y

Protection against electrical shock finger-safe

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, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted)

Installation/ mounting/ dimensions

Mounting type front panel mounting

- of modules and accessories Front plate mounting

Height 36 mm

Width 50 mm

Depth 36.4 mm




Required spacing

- with side-by-side mounting
 - forwards 100 mm
 - Backwards 100 mm
 - upwards 100 mm
 - downwards 100 mm
 - at the side 100 mm

Measuring circuit

Product function IO-Link 24 V DC

Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates	other
 UL		 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=3SU1400-1GD10-1AA0>

Cax online generator

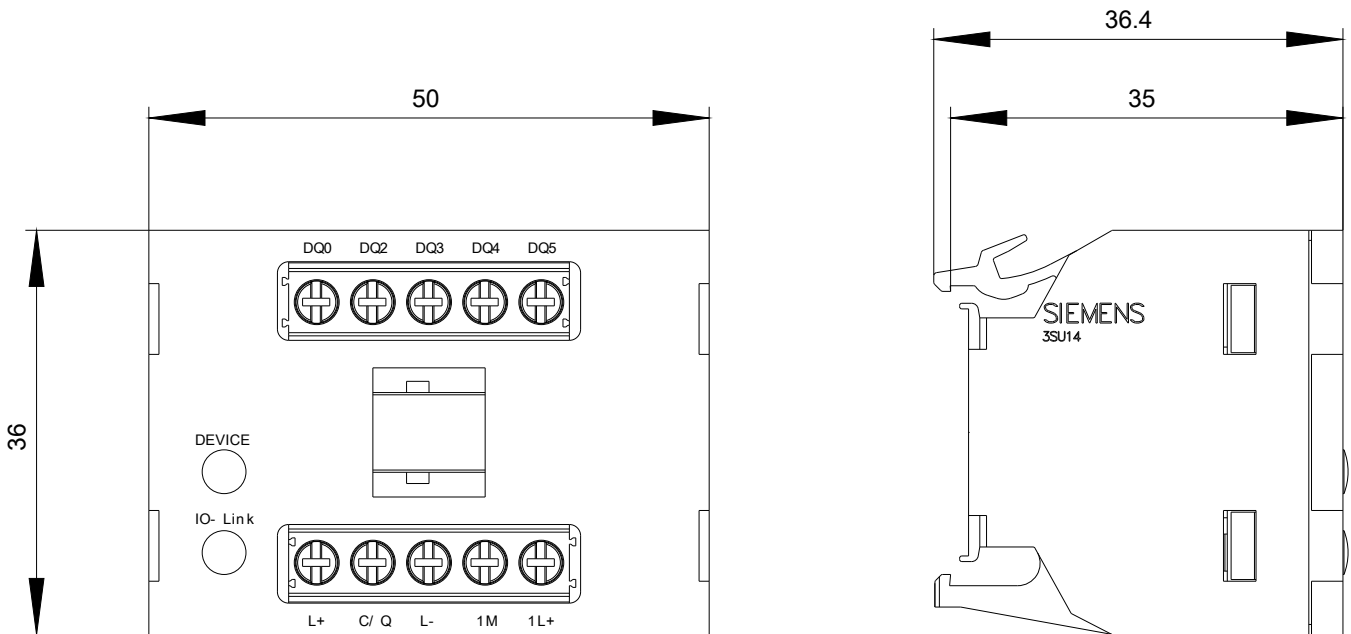
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1GD10-1AA0>

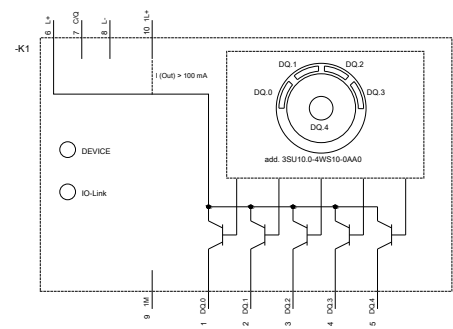
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1GD10-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1GD10-1AA0&lang=en





last modified:

02/22/2018