

ELECTRONIC MODULE FOR ID KEY-OPERATED SWITCH, BLACK, OPERATING VOLTAGE 24V DC, IO-LINK, SCREW TERMINAL, FOR FRONT PLATE MOUNTING



Figure similar

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Electronic module for ID mode selector switch
<b>Actuator:</b>	
Product extension optional Light source	No
<b>Display:</b>	
Number of LEDs	4
<b>General technical data:</b>	
<b>Insulation voltage</b>	
• rated value	30 V
<b>Degree of pollution</b>	3
<b>Surge voltage resistance rated value</b>	0.8 kV
<b>Consumed current</b>	
• maximum	49 mA
<b>Protection class IP</b>	IP20
<b>Equipment marking</b>	

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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#### Main circuit:

<b>Operating voltage</b>	
• rated value	18 ... 30 V
<b>Operating voltage 1</b>	
• at DC rated value	24 V

#### Communication/ Protocol:

<b>Protocol is supported</b>	
• 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>Amount of data</b>	
• of the address area of the inputs with cyclical transfer total	2 byte
• of the address area of the outputs with cyclical transfer total	0 byte

#### Auxiliary circuit:

<b>Number of NC contacts</b>	
• for auxiliary contacts	0
<b>Number of NO contacts</b>	
• for auxiliary contacts	5
<b>Number of CO contacts</b>	
• for auxiliary contacts	0

#### Inputs/ Outputs:

<b>Number of digital inputs</b>	0
• safety-related	0
<b>Number of digital outputs</b>	5

#### Connections/ Terminals:

<b>Type of electrical connection</b>	screw-type terminals
<b>Type of connectable conductor cross-sections</b>	
• solid with core end processing	1x (0.2 ... 2.5 mm <sup>2</sup> ), 2x (0.2 ... 0.75 mm <sup>2</sup> )
• solid without core end processing	1x (0.2 ... 2.5 mm <sup>2</sup> ), 2x (0.2 ... 0.75 mm <sup>2</sup> )
• finely stranded with core end processing	1x (0.2 ... 2.5 mm <sup>2</sup> ), 2x (0.25 ... 0.75 mm <sup>2</sup> )
• finely stranded without core end processing	1x (0.2 ... 2.5 mm <sup>2</sup> ), 2x (0.2 ... 0.75 mm <sup>2</sup> )
• at AWG conductors	1x (24 ... 14), 2x (24 ... 19)
<b>Connectable conductor cross-section</b>	
• finely stranded with core end processing	0.25 ... 1.5 mm <sup>2</sup>
<b>Tightening torque</b>	

- with screw-type terminals

0.35 ... 0.4 N·m

#### Product Function:

**Product function parameterizable** Yes

#### Safety related data:

**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

EMC

Declaration of  
Conformity

Test Certificates



[EG-Konformitätserklärung EMV](#)



[Werksbescheinigung](#)

[spezielle Prüfbescheinigung](#)

other

[Bestätigungen](#)

## 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?mfb=3SU14001GD101AA0>

### Cax online generator

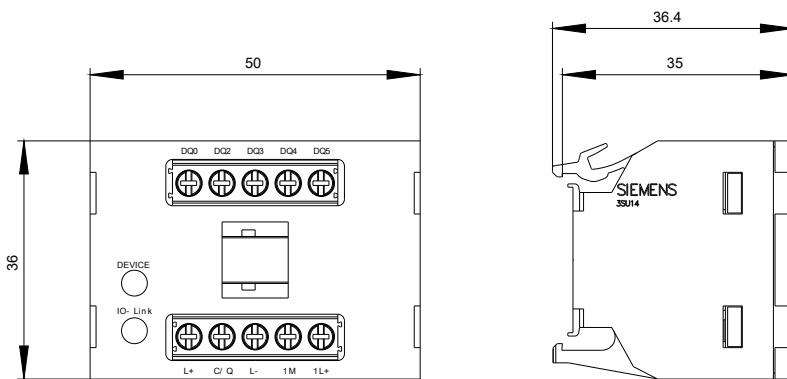
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU14001GD101AA0>

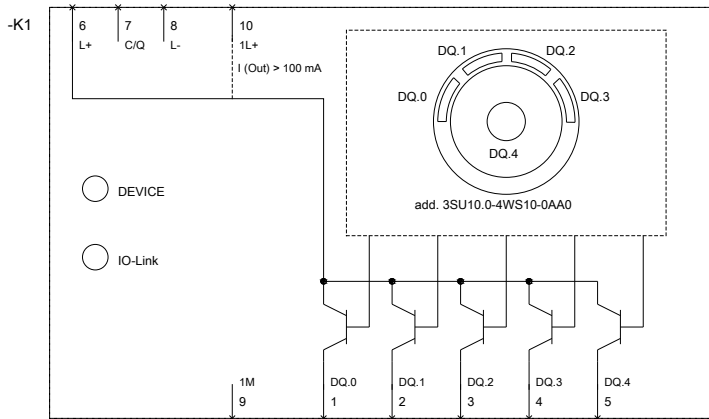
### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU14001GD101AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SU14001GD101AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU14001GD101AA0&lang=en)





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