

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



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
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
<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 	No

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	
<ul style="list-style-type: none"> • with screw-type terminals 	0.35 ... 0.4 N·m

Product Function

Product function parameterizable	No
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Safety related data

MTBF	
<ul style="list-style-type: none"> • at 70 °C • at full load at 25 °C 	<p>138 y</p> <p>141 y</p>
Protection against electrical shock	finger-safe

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation • during storage 	<p>-25 ... +70 °C</p> <p>-40 ... +80 °C</p>
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
<ul style="list-style-type: none"> • of modules and accessories 	Front plate mounting
Height	36 mm
Width	50 mm
Depth	36.4 mm
Required spacing	
<ul style="list-style-type: none"> • with side-by-side mounting <ul style="list-style-type: none"> — forwards — Backwards — upwards — downwards — at the side 	<p>100 mm</p> <p>100 mm</p> <p>100 mm</p> <p>100 mm</p> <p>100 mm</p>

Measuring circuit

Product function	Group ID 24 V DC
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Certificates/approvals

General Product Approval	EMC	Declaration of Conformity	Test Certificates
 UL		EC-Declaration of Conformity EMC  EG-Konf.	Declaration of the Compliance with the order Special Test Certificate

other

[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?mfb=3SU1400-1GC10-1AA0>

Cax online generator

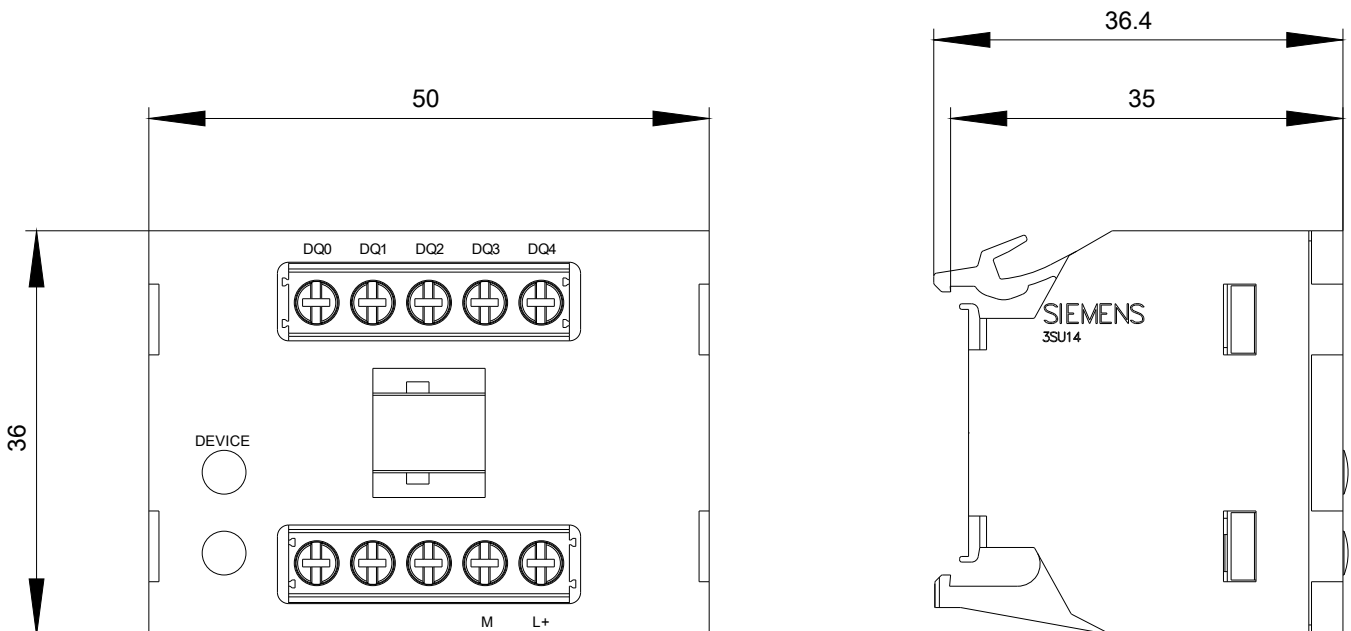
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1400-1GC10-1AA0>

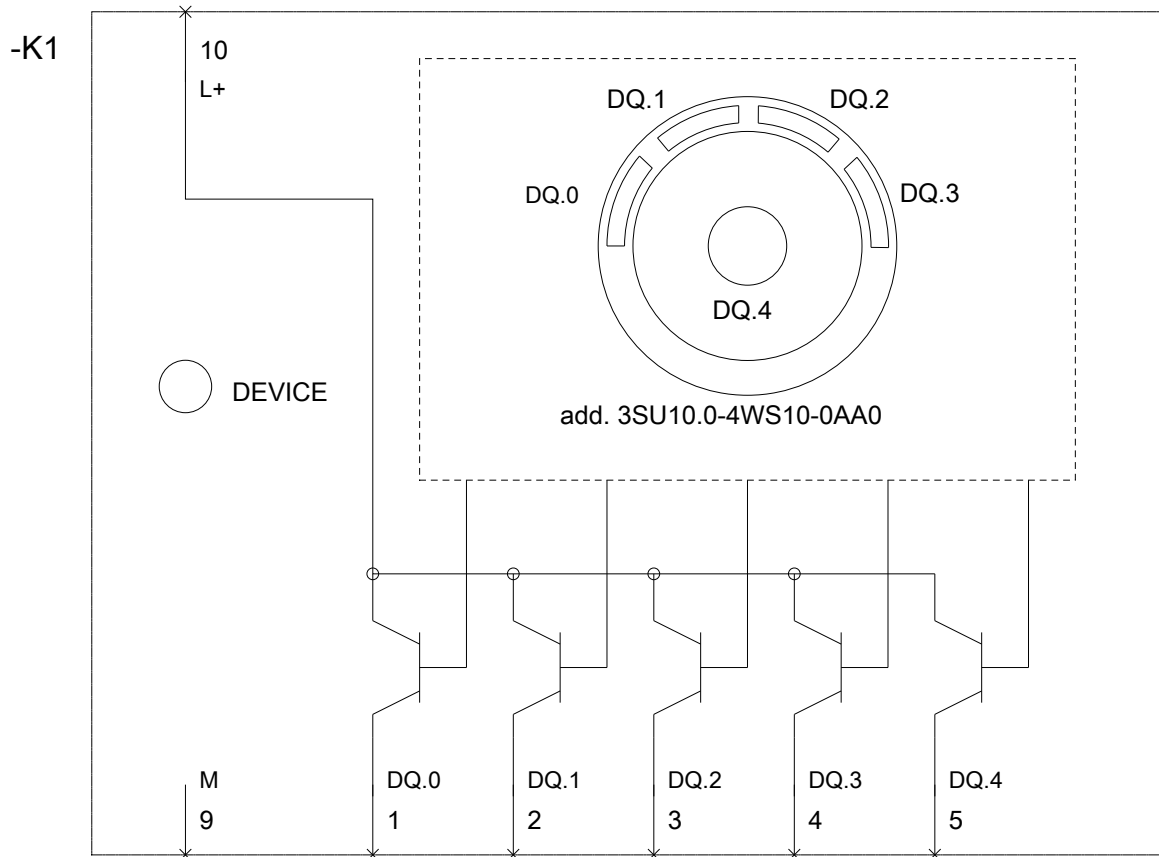
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1GC10-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1400-1GC10-1AA0&lang=en





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