

Electronics module for ID key-operated switch, black, Operating voltage 24 V DC, group ID, screw terminal, for front plate mounting



Product brand name	SIRIUS ACT
Product designation	Electronic module for ID key-operated switches
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	
• maximum	49 mA
Protection class IP	IP20

Reference code acc. to DIN EN 81346-2	P
Reference code acc. to DIN EN 61346-2	P
Operating voltage	
• rated value	18 ... 30 V
• at DC	
— rated value	24 V
Operating voltage 1	
• at DC rated value	24 V
Communication/ Protocol	
Protocol is supported	
• IO-Link protocol	No
Auxiliary circuit	
Number of NC contacts for auxiliary contacts	0
Number of NO contacts for auxiliary contacts	5
Inputs/ Outputs	
Number of digital inputs	0
• safety-related	0
Number of digital outputs	5
Output voltage at digital output at DC rated value	23.5 V
Output current per output	250 mA
Connections/ Terminals	
Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
• solid with core end processing	1x (0.2 ... 2.5 mm ²), 2x (0.2 ... 0.75 mm ²)
• solid without core end processing	1x (0.2 ... 2.5 mm ²), 2x (0.2 ... 0.75 mm ²)
• finely stranded with core end processing	1x (0.2 ... 2.5 mm ²), 2x (0.25 ... 0.75 mm ²)
• finely stranded without core end processing	1x (0.2 ... 2.5 mm ²), 2x (0.2 ... 0.75 mm ²)
• 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	No
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

- of modules and accessories

front panel mounting

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

Group ID 24 V DC

Certificates/ approvals

General Product Approval



UL



EG-Konf.

Declaration of Conformity

[Miscellaneous](#)

Test Certificates

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

other

[Confirmation](#)

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=3SU1400-1GC10-1AA0>

Cax online generator

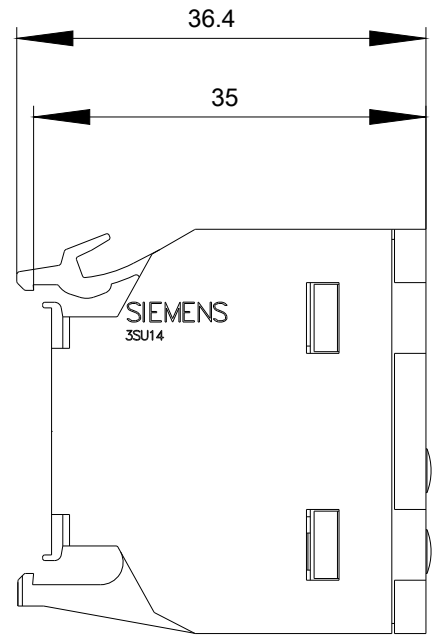
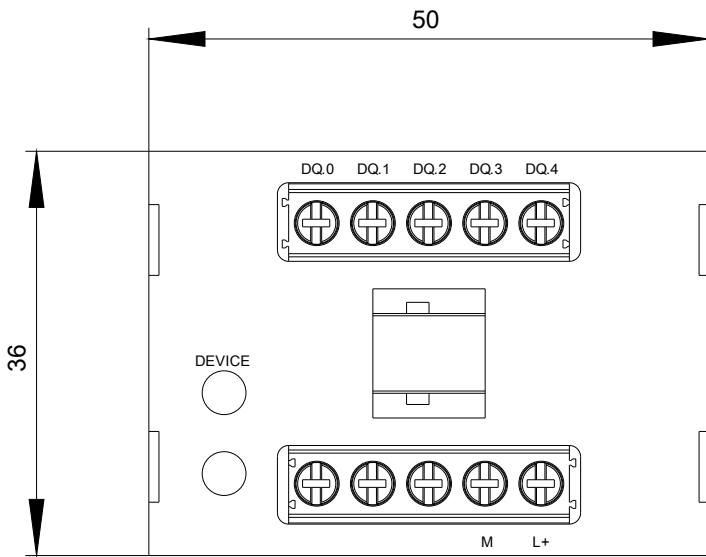
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1GC10-1AA0>

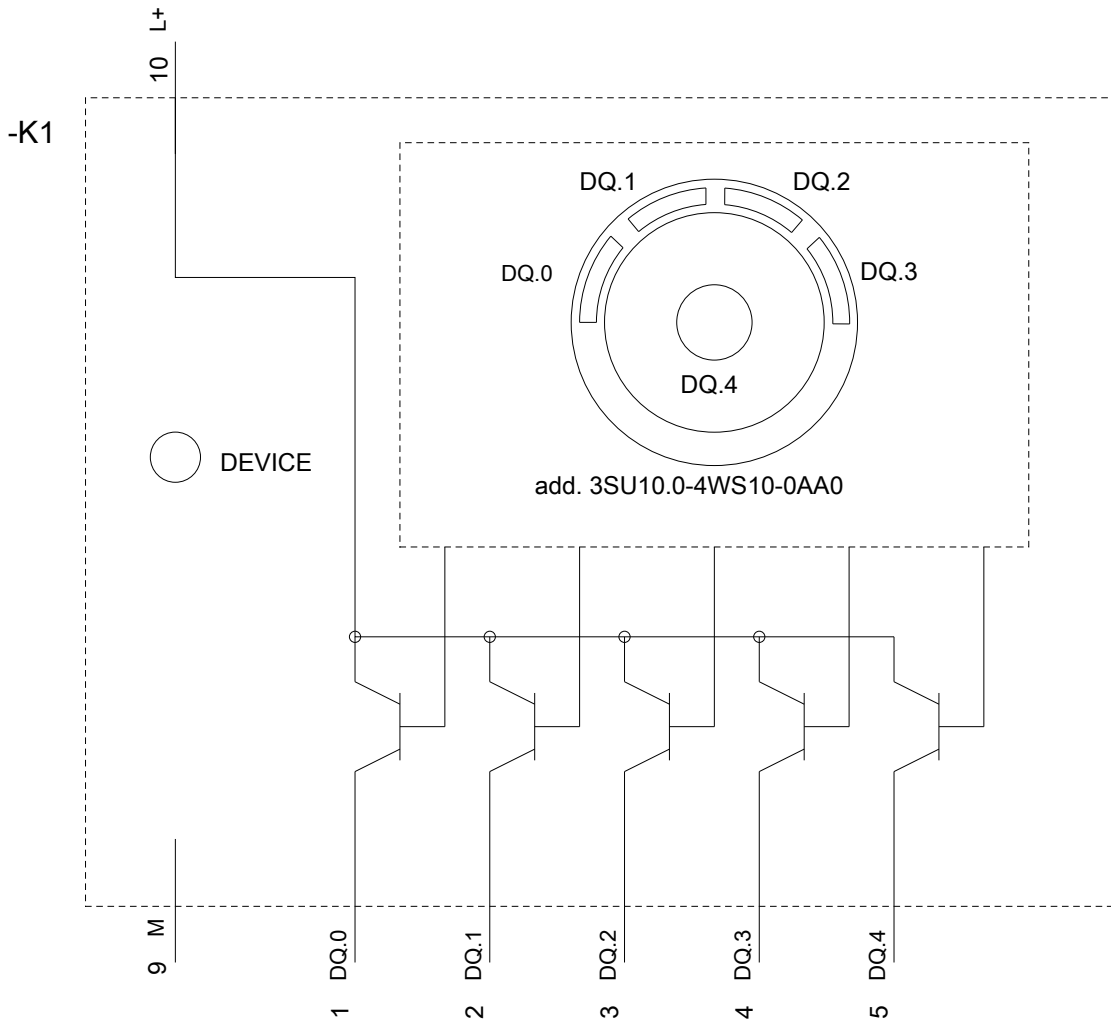
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://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?mlfb=3SU1400-1GC10-1AA0&lang=en





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