

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
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
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)
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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

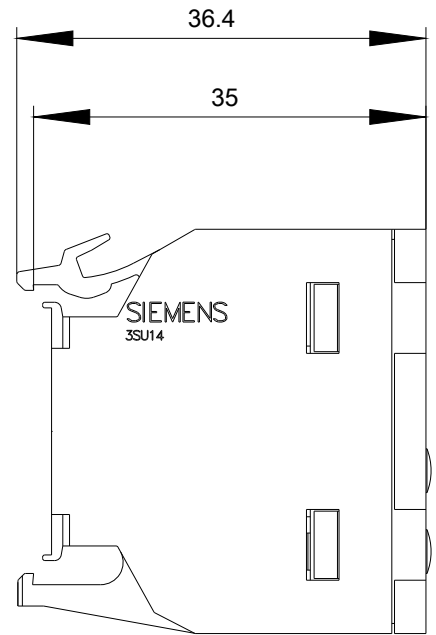
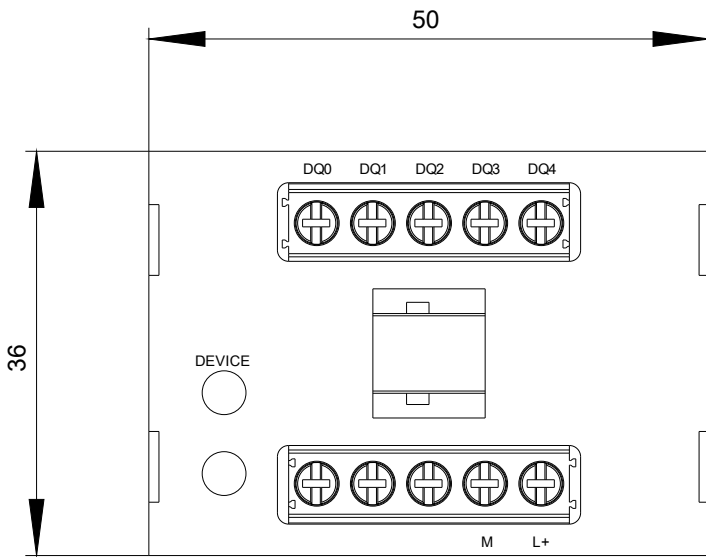
Product function	Group ID 24 V DC
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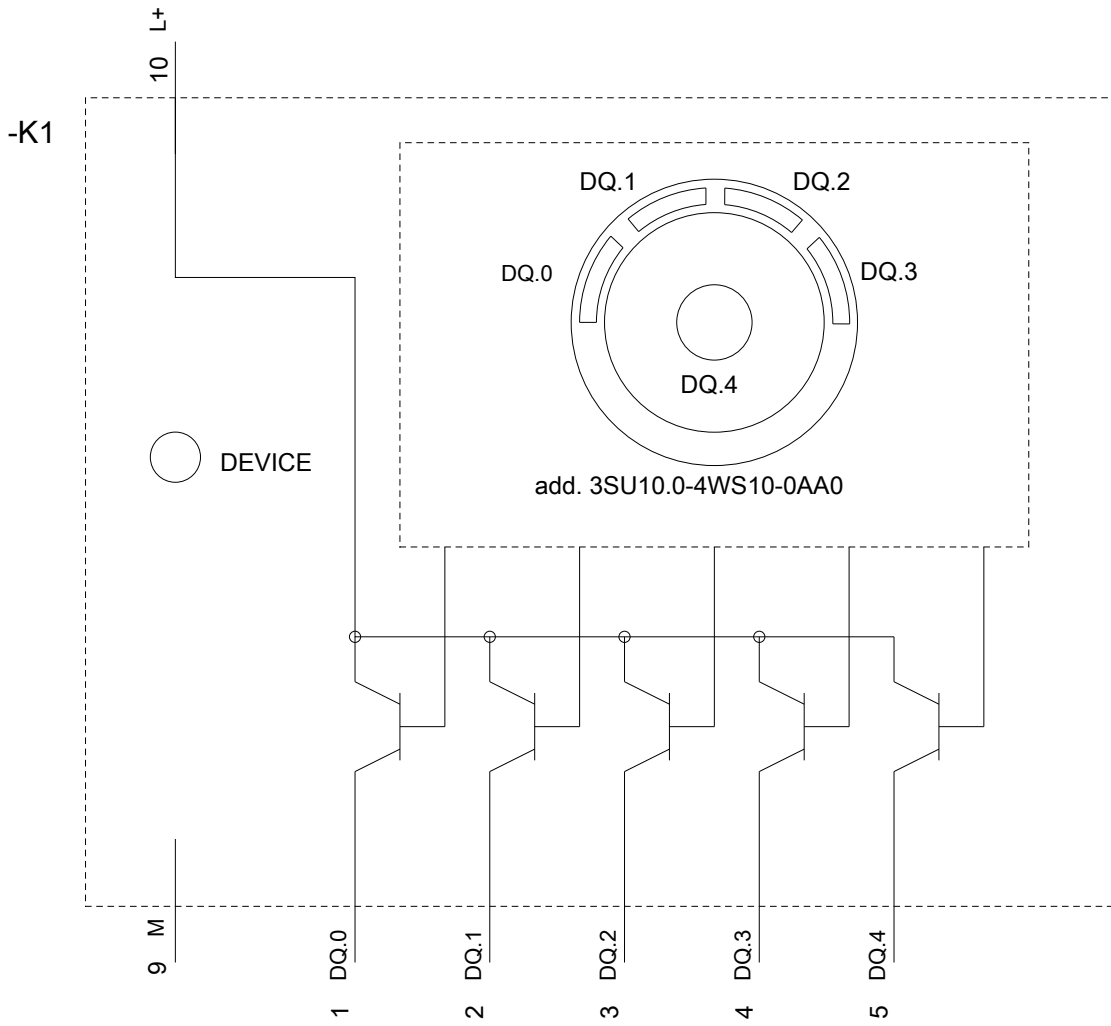
Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates	other
			
UL	EG-Konf.	Miscellaneous	Type Test Certificates/Test Report
			Confirmation

Further information

- Information- and Downloadcenter (Catalogs, Brochures,...)**
www.siemens.com/sirius/catalogs
- 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,...)**
<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?mlfb=3SU1400-1GC10-1AA0&lang=en





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