

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
<b>Actuator</b>	
product extension optional light source	No
<b>Display</b>	
number of LEDs	4
<b>General technical data</b>	
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, clamping screw tightened
reference code acc. to IEC 81346-2	P
• operating voltage rated value	18 ... 30 V
•	
— operating voltage at DC rated value	24 V
operating voltage 1 at DC rated value	24 V
<b>Communication/ Protocol</b>	
protocol is supported IO-Link protocol	No
<b>Auxiliary circuit</b>	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	5
<b>Inputs/ Outputs</b>	
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
<b>Connections/ Terminals</b>	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid without core end processing	1x (0.2 ... 2.5 mm <sup>2</sup> )
• finely stranded with core end processing	1x (0.25 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )

<ul style="list-style-type: none"><li>• finely stranded without core end processing</li><li>• at AWG cables</li></ul>	1x (0.2 ... 2.5 mm²), 2x (0.2 ... 0.75 mm²)	
<ul style="list-style-type: none"><li>• tightening torque with screw-type terminals</li></ul>	1x (26 ... 14)	
	0.4 ... 0.4 N·m	
Product Function		
product function parameterizable	No	
Safety related data		
MTBF		
<ul style="list-style-type: none"><li>• at 70 °C</li></ul>	138 y	
<ul style="list-style-type: none"><li>• at full load at 25 °C</li></ul>	141 y	
touch protection against electrical shock	finger-safe	
Ambient conditions		
<ul style="list-style-type: none"><li>• ambient temperature during operation</li><li>• ambient temperature during storage</li></ul>	-25 ... +70 °C	
	-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		
fastening method	front panel mounting	
<ul style="list-style-type: none"><li>• of modules and accessories</li></ul>	Front plate mounting	
height	36 mm	
width	50 mm	
depth	36.4 mm	
required spacing with side-by-side mounting		
<ul style="list-style-type: none"><li>• forwards</li></ul>	100 mm	
<ul style="list-style-type: none"><li>• backwards</li></ul>	100 mm	
<ul style="list-style-type: none"><li>• upwards</li></ul>	100 mm	
<ul style="list-style-type: none"><li>• downwards</li></ul>	100 mm	
<ul style="list-style-type: none"><li>• at the side</li></ul>	100 mm	
Measuring circuit		
product function	Group ID 24 V DC	
Certificates/ approvals		
General Product Approval	Declaration of Conformity	Test Certificates



[Miscellaneous](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

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

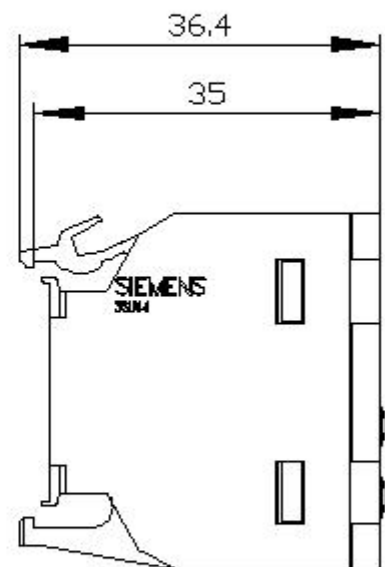
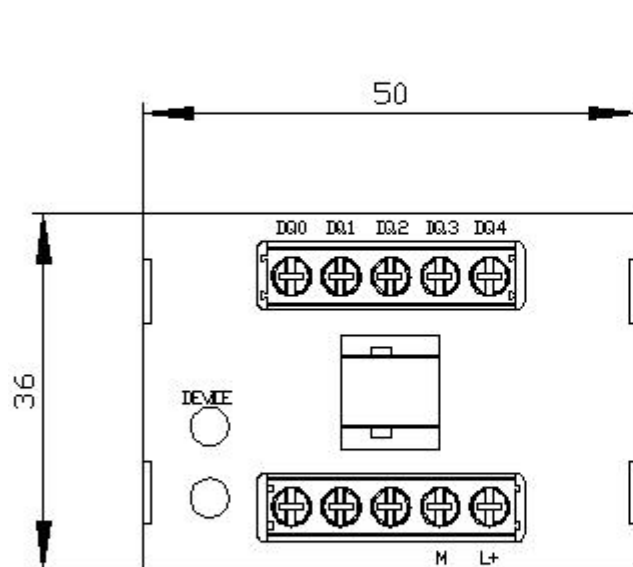
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1GC10-1AA0>

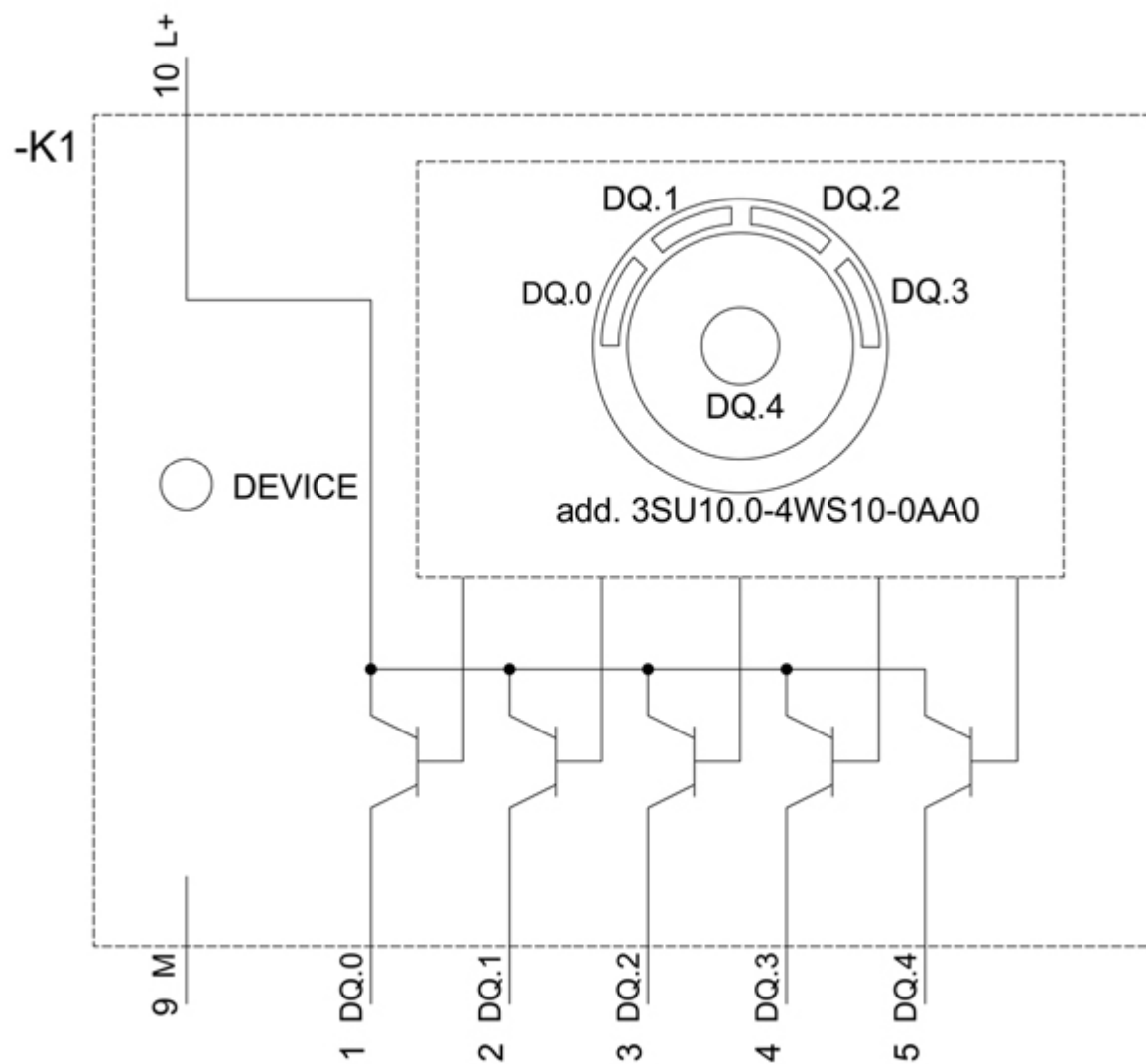
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1GC10-1AA0&lang=en)





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