

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



<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Electronic module for ID key-operated switches
<b>product type designation</b>	3SU1
<b>Actuator</b>	
product extension optional light source	No
<b>Contact block/ lampholder</b>	
<b>socket design</b>	other
<b>Display</b>	
<b>number of LEDs</b>	4
<b>General technical data</b>	
insulation voltage rated value	30 V
<b>degree of pollution</b>	3
<b>type of voltage</b>	
• of the operating voltage	DC
• of the input voltage	DC
<b>surge voltage resistance rated value</b>	0.8 kV
consumed current maximum	49 mA
<b>protection class IP</b>	IP20, clamping screw tightened
<b>reference code according to IEC 81346-2</b>	P
<b>Substance Prohibitance (Date)</b>	10/01/2014
<b>operating voltage</b>	
• rated value	18 ... 30 V
• 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>	
<b>number of NC contacts for auxiliary contacts</b>	0
<b>number of NO contacts for auxiliary contacts</b>	5
<b>Inputs/ Outputs</b>	
<b>number of digital inputs</b>	0
• safety-related	0
<b>number of digital outputs</b>	5
<b>output voltage at digital output at DC rated value</b>	23.5 V
<b>output current per output</b>	250 mA
<b>Connections/ Terminals</b>	
<b>type of electrical connection</b>	screw-type terminals
<b>type of connectable conductor cross-sections</b>	
• solid without core end processing	1x (0.2 ... 2.5 mm <sup>2</sup> )

<ul style="list-style-type: none"> <li>finely stranded with core end processing</li> </ul>	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> </ul>	1x (0.2 ... 2.5 mm <sup>2</sup> ), 2x (0.2 ... 0.75 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>at AWG cables</li> </ul>	1x (26 ... 14)
tightening torque with screw-type terminals	0.4 ... 0.4 N·m

### Product Function

product function parameterizable	No
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### Safety related data

<b>MTBF</b>	
<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
<b>touch protection against electrical shock</b>	finger-safe

### Ambient conditions

<b>ambient temperature</b>	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	-25 ... +70 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-40 ... +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted)

### Installation/ mounting/ dimensions

<b>fastening method</b>	front plate mounting
<ul style="list-style-type: none"> <li>of modules and accessories</li> </ul>	Front plate mounting
<b>height</b>	36 mm
<b>width</b>	50 mm
<b>depth</b>	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
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### Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates
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[Confirmation](#)



[Special Test Certificate](#)

Test Certificates	other
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[Type Test Certificates/Test Report](#)

[Confirmation](#)

[Environmental Conformations](#)

### 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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