

Siemens  
EcoTech



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>Contact block/ lampholder</b>	
socket design	other
<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 according to IEC 81346-2	P
Substance Prohibitance (Date)	10/01/2014
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8
Weight	0.06 kg
operating voltage	
• 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>	
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

<b>output current per output</b>	250 mA
<b>Connections/ Terminals</b>	
<b>type of electrical connection</b>	screw terminal
<b>type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>• solid without core end processing</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> <li>• for AWG cables</li> </ul>	1x (0.2 ... 2.5 mm <sup>2</sup> ) 1x (0.25 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> ) 1x (0.2 ... 2.5 mm <sup>2</sup> ), 2x (0.2 ... 0.75 mm <sup>2</sup> ) 1x (26 ... 14)
tightening torque with screw-type terminals	0.4 ... 0.4 N·m

<b>Product Function</b>	
<b>product function parameterizable</b>	No

<b>Safety related data</b>	
<b>MTBF</b>	
<ul style="list-style-type: none"> <li>• at 70 °C</li> <li>• at full load at 25 °C</li> </ul>	138 a 141 a

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

<b>Ambient conditions</b>	
<b>ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	-25 ... +70 °C -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)

<b>Environmental footprint</b>	
Environmental Product Declaration (EPD)	Yes
Global Warming Potential [CO2 eq] total	0.787 kg
Global Warming Potential [CO2 eq] during manufacturing	0.566 kg
Global Warming Potential [CO2 eq] during operation	0.235 kg
Global Warming Potential [CO2 eq] after end of life	-0.015 kg
Siemens Eco Profile (SEP)	Siemens EcoTech

<b>Installation/ mounting/ dimensions</b>	
<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> <li>• backwards</li> <li>• upwards</li> <li>• downwards</li> <li>• at the side</li> </ul>	100 mm 100 mm 100 mm 100 mm 100 mm

<b>Measuring circuit</b>	
<b>product function</b>	Group ID 24 V DC

<b>Approvals Certificates</b>	
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<b>General Product Approval</b>	<b>Test Certificates</b>
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[Confirmation](#)



[Special Test Certificate](#)

<b>Test Certificates</b>	<b>other</b>	<b>Environment</b>
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[Type Test Certificates/Test Report](#)

[Confirmation](#)



Siemens EcoTech



[Environmental Confirmations](#)

<b>Further information</b>
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Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

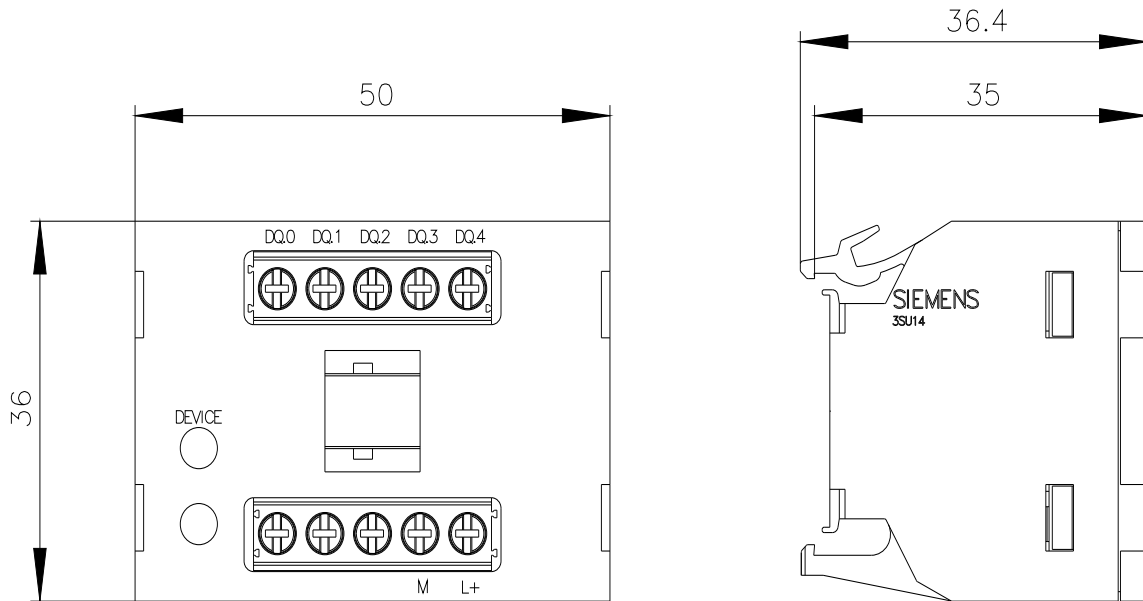
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1GC10-1AA0>

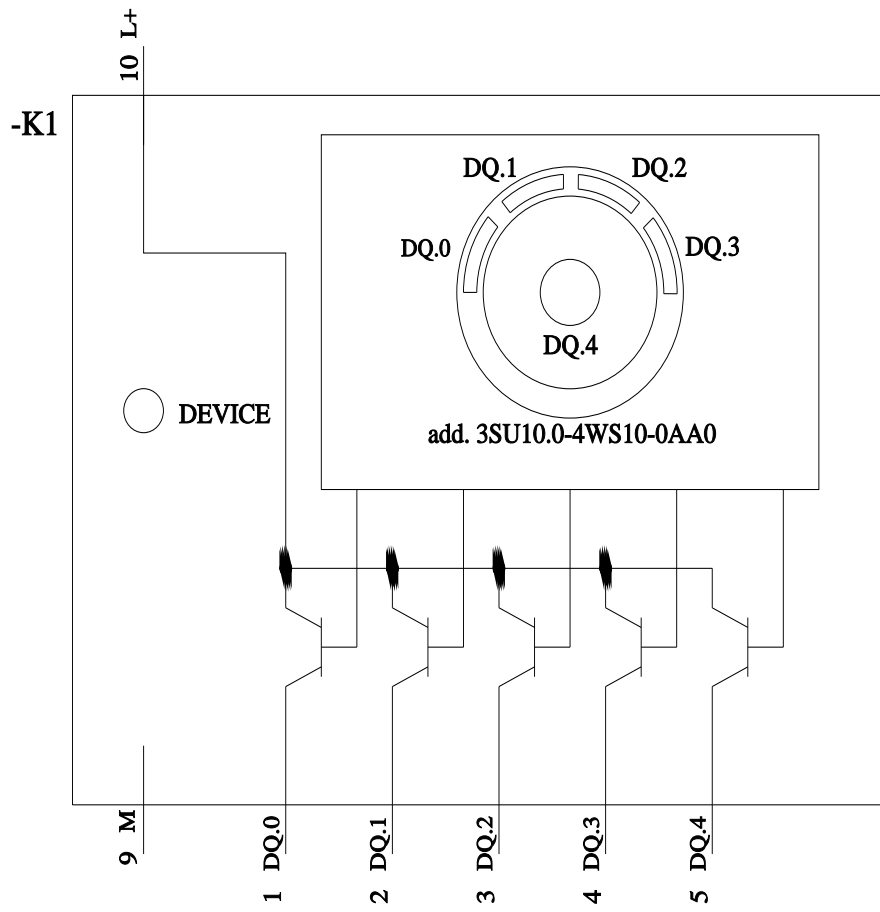
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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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