**Data sheet** 

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
Contact block/ lampholder	
socket design	other
Display	
number of LEDs	4
General technical data	
insulation voltage rated value	30 V
degree of pollution	3
type of voltage	
<ul> <li>of the operating voltage</li> </ul>	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	Р
Substance Prohibitance (Date)	10/01/2014
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	
<ul> <li>solid without core end processing</li> </ul>	1x (0.2 2.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.25 1.5 mm²), 2x (0.5 0.75 mm²)

General Product Approval	Declaration of Conformity	Test Certificates
product function ertificates/ approvals	Group ID 24 V DC	
leasuring circuit	Oracir ID 04 V DO	
at the side	100 mm	
• downwards	100 mm	
• upwards	100 mm	
• backwards	100 mm	
• forwards	100 mm	
required spacing with side-by-side mounting		
depth	36.4 mm	
width	50 mm	
height	36 mm	
of modules and accessories	Front plate mounting	
fastening method	front plate mounting	
nstallation/ mounting/ dimensions		
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted)	
during storage	-40 +80 °C	
during operation	-25 +70 °C	
ambient temperature		
mbient conditions		
touch protection against electrical shock	finger-safe	
• at full load at 25 °C	141 a	
• at 70 °C	138 a	
MTBF		
afety related data	110	
product function parameterizable	No	
roduct Function	0.4 0.4 IV III	
tightening torque with screw-type terminals	0.4 0.4 N·m	
<ul> <li>finely stranded without core end processing</li> <li>for AWG cables</li> </ul>	1x (0.2 2.5 mm²), 2x (0.2 0.75 mm²) 1x (26 14)	

Confirmation









Special Test Certificate

Test Certificates	other	Environment

Type Test Certificates/Test Report Confirmation

Environmental Confirmations

## Further information

Siemens has decided to exit the Russian market (see here).

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$ 

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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

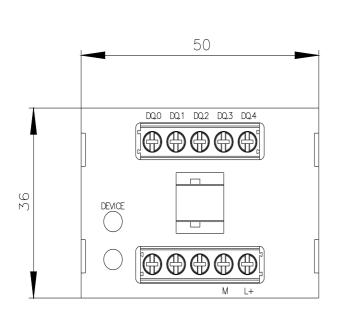
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1400-1GC10-1AA0}\\$ 

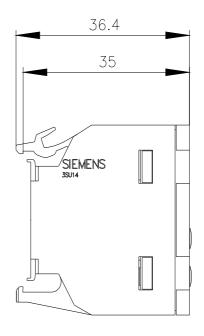
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

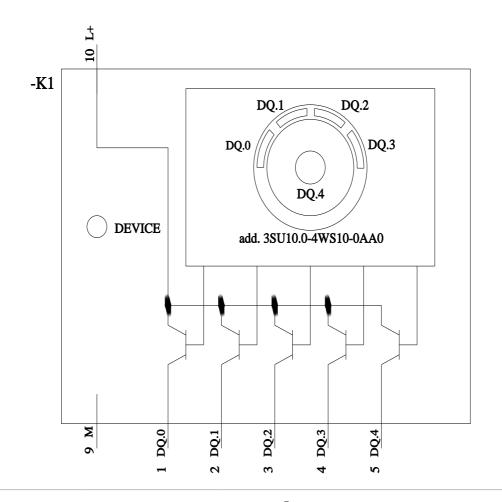
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1GC10-1AA0

 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$ 

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1400-1GC10-1AA0&lang=en







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