SIEMENS

Data sheet 3SU1400-1GC10-1AA0

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	
● 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	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7
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

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type of connectable conductor cross-sections	
● solid without core end processing	1x (0.2 ... 2.5 mm²)
● finely stranded with core end processing	1x (0.25 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)
● finely stranded without core end processing	1x (0.2 ... 2.5 mm²), 2x (0.2 ... 0.75 mm²)
● for AWG cables	1x (26 ... 14)
tightening torque with screw-type terminals	0.4 ... 0.4 N·m
Product Function	
product function parameterizable	No
Safety related data	
MTBF	
● at 70 °C	138 a
● at full load at 25 °C	141 a
Electrical Safety	
touch protection against electrical shock	finger-safe
Ambient conditions	
ambient temperature	
● during operation	-25 ... +70 °C
● during storage	-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)
Environmental footprint	
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
Installation/ mounting/ dimensions	
fastening method	front plate 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

Approvals Certificates

General Product Approval	Declaration of Conformity	Test Certificates
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).
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).

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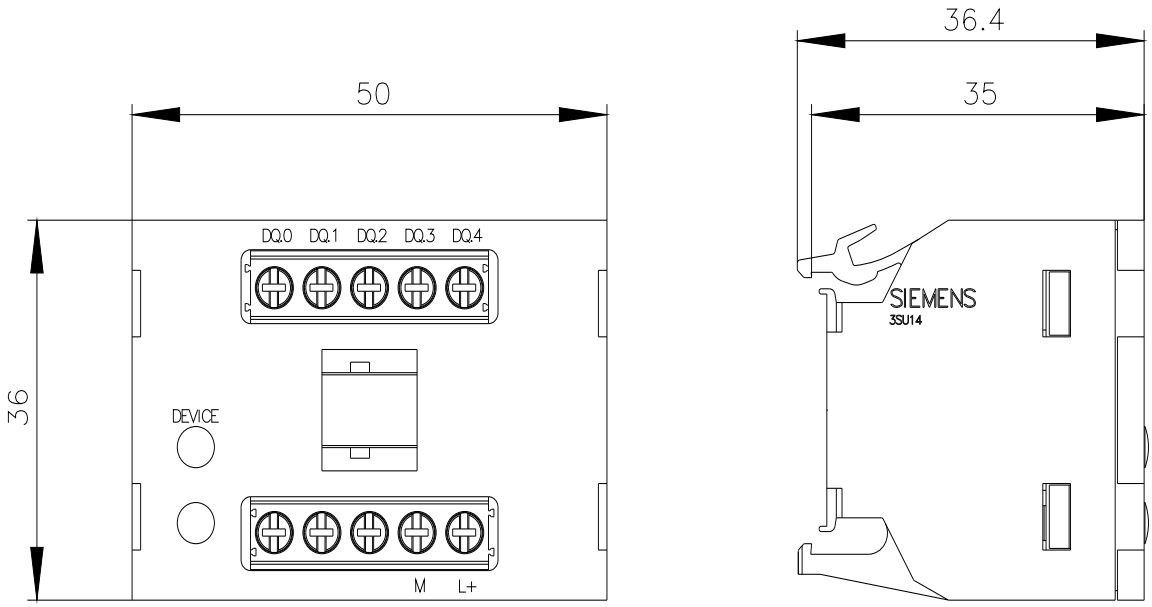
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1400-1GC10-1AA0
Cax 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



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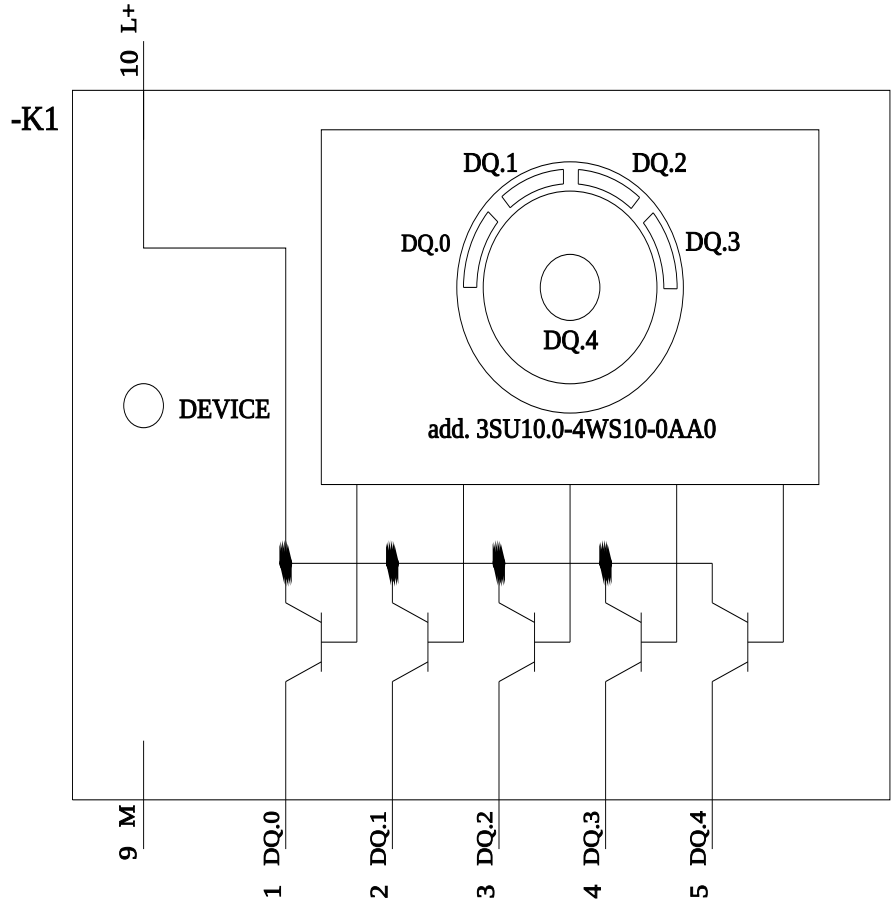

last modified: 11/8/2023

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