

Siemens
EcoTech



Electronics module for IO-Link, black, 8 inputs/outputs, user-programmable, default 6 DI/2 DQ, Spring-type terminal (Push-in), for floor mounting



product brand name	SIRIUS ACT
product designation	Electronic module for IO-Link
product type designation	3SU1
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	41 mA
protection class IP	IP20
shock resistance for railway applications according to EN 61373	Category 1, Class B
vibration resistance for railway applications according to EN 61373	Category 1, Class B
reference code according to IEC 81346-2	P
Substance Prohibitation (Date)	10/01/2014
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5
Weight	53 g
operating voltage rated value	18 ... 30 V
operating voltage 1 at DC rated value	24 V
Communication/ Protocol	
protocol is supported	
• AS-Interface protocol	No
• IO-Link protocol	Yes
IO-Link transfer rate	COM2 (38,4 kBaud)
point-to-point cycle time between master and IO-Link device minimum	10 ms
type of voltage supply via input/output link master	Yes
data volume	
• of the address range of the inputs with cyclical transfer total	2 byte
• of the address range of the outputs with cyclical transfer total	2 byte
Inputs/ Outputs	
number of digital inputs	

• note	freely programmable		
number of digital outputs	freely programmable		
Connections/ Terminals			
type of electrical connection	spring-loaded terminal (push-in)		
type of connectable conductor cross-sections			
• solid with core end processing	1x (0.14 ... 0.5 mm ²)		
• solid without core end processing	1x (0.14 ... 0.5 mm ²)		
• finely stranded without core end processing	1x (0.2 ... 0.5 mm ²)		
• for AWG cables	1x (26 ... 20)		
Product Function			
suitability for use safety-related circuits	No		
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, 3C3 (without salt spray), 3K6 (with relative humidity of 10 ... 95%, no condensation in operation permitted)		
Environmental footprint			
Environmental Product Declaration (EPD)	Yes		
global warming potential [CO ₂ eq] total	0.787 kg		
global warming potential [CO ₂ eq] during manufacturing	0.566 kg		
global warming potential [CO ₂ eq] during operation	0.235 kg		
global warming potential [CO ₂ eq] after end of life	-0.015 kg		
Siemens Eco Profile (SEP)	Siemens EcoTech		
Installation/ mounting/ dimensions			
fastening method of modules and accessories	Floor mounting		
height	57.5 mm		
width	23.8 mm		
depth	53.5 mm		
Measuring circuit			
product function	freely programmable (default 6DI / 2DQ)		
Approvals Certificates			
<table> <tr> <th>General Product Approval</th><th>Test Certificates</th></tr> </table>		General Product Approval	Test Certificates
General Product Approval	Test Certificates		



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

other	Environment
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[Confirmation](#)



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[Environmental Confirmations](#)

Further information

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=3SU1400-2HL10-6AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-2HL10-6AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-2HL10-6AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-2HL10-6AA0&lang=en



