## SIEMENS

## Data sheet

## 3SU1400-1EK10-6AA0



AS-Interface module, 4 inputs and 4 outputs, black, Spring-type terminal (push-in) for input/output, for front plate mounting

product brand name	SIRIUS ACT
product designation	AS-Interface module
product type designation	3SU1
General technical data	
product function	4 DI / 4 DQ
degree of pollution	3
type of voltage	
<ul> <li>of the operating voltage</li> </ul>	DC
<ul> <li>of the input voltage</li> </ul>	DC
consumed current maximum	150 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	К
Substance Prohibitance (Date)	10/01/2014
design of the slave type	4 DI / 4 DQ
AS-Interface slave profile	S-7.0.E
ID1 code	0F
number of AS-i slaves	1
protocol is supported ASIsafe (Safety at work) protocol	No
operating voltage rated value	18 31.6 V
operating voltage 1 at DC rated value	30 V
Communication/ Protocol	
protocol is supported AS-Interface protocol	Yes
Inputs/ Outputs	
number of digital inputs	4
<ul> <li>safety-related</li> </ul>	0
number of digital outputs	4
Connections/ Terminals	
type of electrical connection	spring-loaded terminal (push-in)
type of connectable conductor cross-sections	
<ul> <li>solid without core end processing</li> </ul>	1x (0.14 0.5 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	1x (0.2 0.5 mm²)
● for AWG cables	1x (26 20)
Product Function	
product function suitable for safety function	No
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)		
Installation/ mounting/ dim	ensions				
fastening method					
<ul> <li>of modules and accessories</li> </ul>		Fro	Front plate mounting		
<ul> <li>of AS-i slaves</li> </ul>		Fro	Frontplattenbefestigung		
height		60	60 mm		
width		23.	23.8 mm		
depth			53.5 mm		
Certificates/ approvals					
General Product Approval			EMC	Declaration of Conform	nity
Confirmation		EAC		UK CA	CE EG-Konf.
Test Certificates		other	Environment		

Type Test Certific-<br/>ates/Test ReportSpecial Te<br/>a

Special Test Certificate 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).

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=3SU1400-1EK10-6AA0

Cax online generator

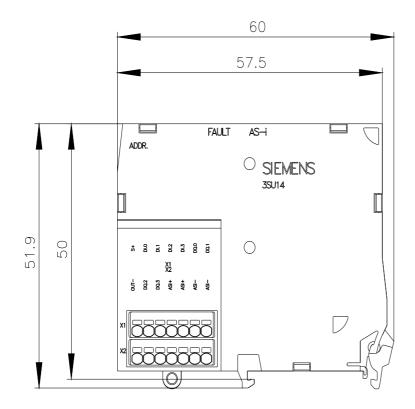
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1EK10-6AA0

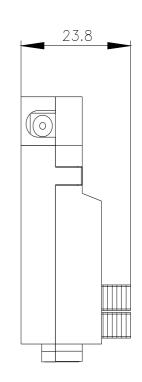
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

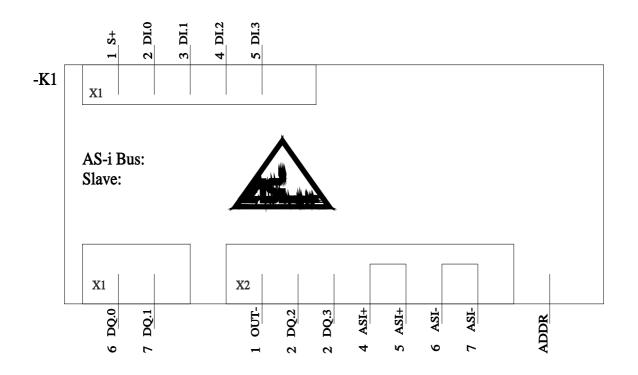
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1EK10-6AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1400-1EK10-6AA0&lang=en

**Confirmation** 







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6/1/2023 🖸