SIEMENS

Data sheet

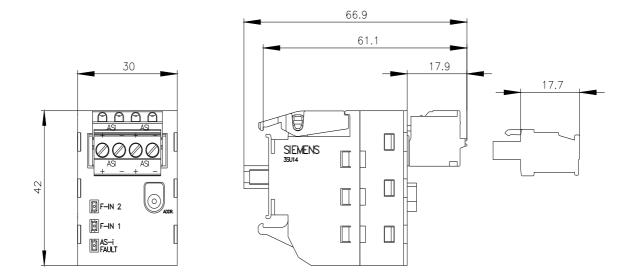
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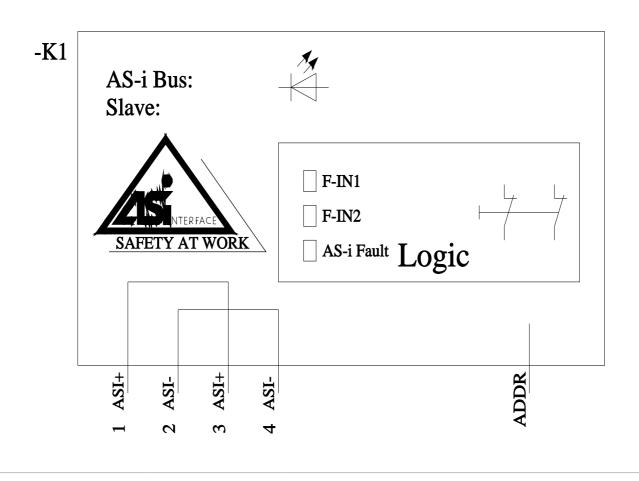


AS-Interface module, 2 safe inputs, 1 LED, red, 4-pole connector with screw terminal and 4-pole connector with spring-type terminal, for front plate mounting

product brand nameSIRIUS ACTproduct designationAS-Interface moduleproduct type designation3SU1General technical dataproduct function2F-DI / 1 LEDdegree of pollution3type of voltageDC• of the operating voltageDC• of the input voltageDCconsumed current maximum60 mAprotection class IPIP20, clamping screw tightenedshock resistance for railway applications according to EN 61373Category 1, Class Bvibration resistance for railway applications according to EN 61373Category 1, Class Breference code according to IEC 81346-2KSubstance Prohibitance (Date)10/01/2014design of the slave type2 F-DI + 1 LEDAS-Interface slave profileS-7.B.FID1 code1Fnumber of AS-i slaves1
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AS-Interface slave profile S-7.B.F ID1 code 1F
ID1 code 1F
number of AS-i slaves
protocol is supported ASIsafe (Safety at work) protocol Yes
operating voltage rated value 26.5 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
• safety-related 2
number of digital outputs 1; For controlling the LED
Connections/ Terminals
type of electrical connection Screw connection + spring-type terminal
type of connectable conductor cross-sections
• solid without core end processing 1x (0.2 2.5 mm ²)
• finely stranded with core end processing 1x (0.25 2.5 mm ²)
• finely stranded without core end processing 1x (0.2 2.5 mm ²)
• for AWG cables 1x (30 12)
tightening torque with screw-type terminals 0.5 0.6 N·m
Lamp
color of the light source red
Product Function

product function suitable for safety function suitability for use safety-related circuits	Yes				
suitability for use safety-related circuits	100				
	Yes				
Safety related data	_				
Safety Integrity Level (SIL)					
 according to IEC 62061 	3				
 according to IEC 61508 	3				
SIL Claim Limit (subsystem) according to EN 62061	SILCL	_ 3			
performance level (PL) according to ISO 13849-1	е				
Safe failure fraction (SFF)	99 %				
average diagnostic coverage level (DCavg)	99 %				
PFHD with high demand rate according to IEC 61508	4.5E-9	9 1/h			
PFDavg with low demand rate according to IEC 61508	5E-6				
category according to EN 954-1	4				
Ambient conditions					
ambient temperature	_				
during operation	-25	. +70 °C			
during operation					
environmental category during operation according to IEC 60721	3M6,	 -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted) 			
nstallation/ mounting/ dimensions	opera				
fastening method					
of modules and accessories	Frent	alata marinting			
of AS-i slaves		plate mounting			
	42 mr	plattenbefestigung			
height					
width	30 mr				
depth Certificates/ approvals	66.9 r	nm			
General Product Approval		EMC	Safety/Safety of Ma- chinery	Declaration of Con- formity	
Confirmation EI	•	EMC			
Confirmation EAL		EMC	chinery Type Examination Cer-	Declaration of Con- formity	
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Confirmation Image: Confirmation of Con- formity Test Certificates Declaration of Con- formity Test Certificates Image: Confirmation of Con- formity Type Test Certific- ates/Test Report Special Test Continues Image: Confirmation of Con- formity Type Test Certific- ates/Test Report Special Test Continues Image: Confirmation of Con- formity Type Test Certific- ates/Test Report Special Test Continues Image: Confirmation of Con- formation on the packaging Special Test Continues Special Test Continues Image: Confirmation on the packaging Stemens is working on the renewal of the current EAC certificon Please contact your local Siemens office on the status of validity of EAC relevant market (other than the sanctioned EAEU member states) Information on the packaging Steps://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,) Steps://www.siemens.com/ic10 Industry Mall (Online ordering system) Steps://mall.industry.siemens.com/mall/en/en/Catalog/product?mftt Cat online generator Steps://mall.industry.siemens.com/mall/en/en/Catalog/product?mftt	lown-russ ates. f the EAC ates Rus: p=3SU14 x?lang=e s,) 0-2AA0	other Cother	chinery Type Examination Cer- tificate Confirmation d to import or offer to supp 0-2AA0	formity ECCEGE EG-Konf. Environmental Con- firmations	





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