

SIRIUS ACT: terminal module (command and LED module), integrated LED green, for front plate mounting



product brand name	SIRIUS ACT
product designation	Terminal module
design of the product	with 2 contacts and integrated LED
product type designation	3SU1

Display

display version	
<ul style="list-style-type: none"> for diagnostic function: Supply voltage monitoring power LED 	Yes
<ul style="list-style-type: none"> status Tx/Rx link 	No

General technical data

product function	
<ul style="list-style-type: none"> reverse polarity protection diagnostics function 	Yes; Ribbon cable can be rotated 180°.
firmware version	1.0.0
hardware version	1
software version with STEP 7 in the TIA Portal required	V13 SP1 (V13 SP1 and V14 with HSP0132)
power loss [W] typical	0.115 W
degree of pollution	3
type of voltage	
<ul style="list-style-type: none"> of the operating voltage of the input voltage 	DC
surge voltage resistance rated value	DC
consumed current	0.8 kV
<ul style="list-style-type: none"> maximum rated value 	27 mA
protection class IP	23 mA
reference code according to IEC 81346-2	IP20
Substance Prohibition (Date)	K
	12/19/2016

Communication/ Protocol

protocol is supported	
<ul style="list-style-type: none"> PROFIsafe protocol 	No

Connections/ Terminals

type of electrical connection	Insulation displacement connection
type of connectable conductor cross-sections	Ribbon cable 7-pole, 7 x 0.08 mm ²
connectable conductor cross-section for auxiliary contacts	
<ul style="list-style-type: none"> solid or stranded finely stranded with core end processing 	0.08 ... 0.08 mm ²
connectable conductor cross-section	0.08 mm ²
<ul style="list-style-type: none"> solid solid with core end processing 	0.08 ... 0.08 mm ²
	0.08 ... 0.08 mm ²

<ul style="list-style-type: none"> finely stranded with core end processing finely stranded without core end processing 	0.08 ... 0.08 mm ²
	0.08 ... 0.08 mm ²
AWG number as coded connectable conductor cross section	28 ... 28

Lamp

color of the light source	green
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Safety related data

service life maximum	20 y
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Ambient conditions

ambient temperature <ul style="list-style-type: none"> during operation during storage 	-25 ... +60 °C -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)
explosion protection marking for intrinsic safety of related equipment EEx ia	No
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Installation/ mounting/ dimensions

fastening method of modules and accessories	Front plate mounting
height	32.6 mm
width	30 mm
depth	31.5 mm

Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates
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[Confirmation](#)



[Special Test Certificate](#)

Test Certificates	other
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[Type Test Certificates/Test Report](#)

[Environmental Confirmations](#)

[Confirmation](#)

Further information

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=3SU1401-1MC40-1CA1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1MC40-1CA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1MC40-1CA1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1MC40-1CA1&lang=en



