

SIRIUS ACT: terminal module (LED module), integrated LED amber, for front plate mounting



product brand name	SIRIUS ACT
product designation	Terminal module
design of the product	with 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 	Yes; Ribbon cable can be rotated 180°.
<ul style="list-style-type: none"> diagnostics function 	Yes
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 	DC
<ul style="list-style-type: none"> of the input voltage 	DC
surge voltage resistance rated value	0.8 kV
consumed current	
<ul style="list-style-type: none"> maximum 	27 mA
<ul style="list-style-type: none"> rated value 	23 mA
protection class IP	IP20
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	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 	0.08 ... 0.08 mm ²
<ul style="list-style-type: none"> finely stranded with core end processing 	0.08 mm ²
connectable conductor cross-section	
<ul style="list-style-type: none"> solid 	0.08 ... 0.08 mm ²
<ul style="list-style-type: none"> solid with core end processing 	0.08 ... 0.08 mm ²

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

Lamp

color of the light source	amber
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Safety related data

service life maximum	20 a
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Ambient conditions

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

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

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



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

other

Environment

[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).

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=3SU1401-1ME00-1DA1>

Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1ME00-1DA1>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1ME00-1DA1>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1ME00-1DA1&lang=en



