

SIRIUS ACT: terminal module (LED module), integrated LED blue, 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	
for diagnostic function: Supply voltage monitoring power LED	Yes
status Tx/Rx link	No

General technical data

product function	
- 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	
- of the operating voltage - of the input voltage	DC
surge voltage resistance rated value	0.8 kV
consumed current	
- maximum - rated value	27 mA 23 mA
protection class IP	IP20
reference code according to IEC 81346-2	K
Substance Prohibition (Date)	12/19/2016

Communication/ Protocol

protocol is supported	
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	
- solid or stranded - finely stranded with core end processing	0.08 ... 0.08 mm ² 0.08 mm ²
connectable conductor cross-section	
- solid - solid with core end processing	0.08 ... 0.08 mm ² 0.08 ... 0.08 mm ²

- finely stranded with core end processing - finely stranded without core end processing	0.08 ... 0.08 mm ² 0.08 ... 0.08 mm ² 28 ... 28
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AWG number as coded connectable conductor cross section

Lamp

color of the light source	blue
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Safety related data

service life maximum	20 y
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Ambient conditions

ambient temperature - 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](#)



[Type Test Certificates/Test Report](#)

Test Certificates	other
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[Special Test Certificate](#)

[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=3SU1401-1ME50-1DA1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1ME50-1DA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1ME50-1DA1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1ME50-1DA1&lang=en



