



SIRIUS ACT: terminal module (command and LED module), integrated LED blue, 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 status Tx/Rx link 	Yes
		No
General technical data		
product function	<ul style="list-style-type: none"> reverse polarity protection diagnostics function 	Yes; Ribbon cable can be rotated 180°.
		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 of the input voltage 	DC
		DC
surge voltage resistance rated value	0.8 kV	
consumed current	<ul style="list-style-type: none"> maximum rated value 	27 mA
		23 mA
protection class IP	IP20	
shock resistance	<ul style="list-style-type: none"> according to IEC 60068-2-27 for railway applications according to EN 61373 	sinusoidal half-wave 15g / 11 ms
		Category 1, Class B
vibration resistance	<ul style="list-style-type: none"> according to IEC 60068-2-6 for railway applications according to EN 61373 	10 ... 500 Hz: 5g
		Category 1, Class B
reference code according to IEC 81346-2	K	
Substance Prohibitance (Date)	12/19/2016	
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5	

Net Weight	19 g
Communication/ Protocol	
protocol is supported	No
• PROFIsafe protocol	
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	0.08 ... 0.08 mm ²
• finely stranded with core end processing maximum	0.08 mm ²
connectable conductor cross-section	
• solid	0.08 ... 0.08 mm ²
• solid with core end processing	0.08 ... 0.08 mm ²
• finely stranded with core end processing	0.08 ... 0.08 mm ²
• finely stranded without core end processing	0.08 ... 0.08 mm ²
Lamp	
color of the light source	blue
Safety related data	
product function suitable for safety function	No
service life maximum	20 a
Ambient conditions	
ambient temperature	
• during operation	-25 ... +60 °C
• 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)
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
Approvals Certificates	
Environmental Product Declaration	
• global warming potential [CO ₂ eq] / during manufacturing	0.566 kg
• global warming potential [CO ₂ eq] / during operation	0.235 kg
• global warming potential [CO ₂ eq] / after end of life	-0.0145 kg
• global warming potential [CO ₂ eq] / total	0.787 kg
Environment	General Product Approval



Siemens
EcoTech



[Environmental Confirmations](#)



General Product Approval	Test Certificates	other
EAC	Type Test Certificates/Test Report	Special Test Certificate



[Confirmation](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1401-1MC50-1CA1>

Cax online generator

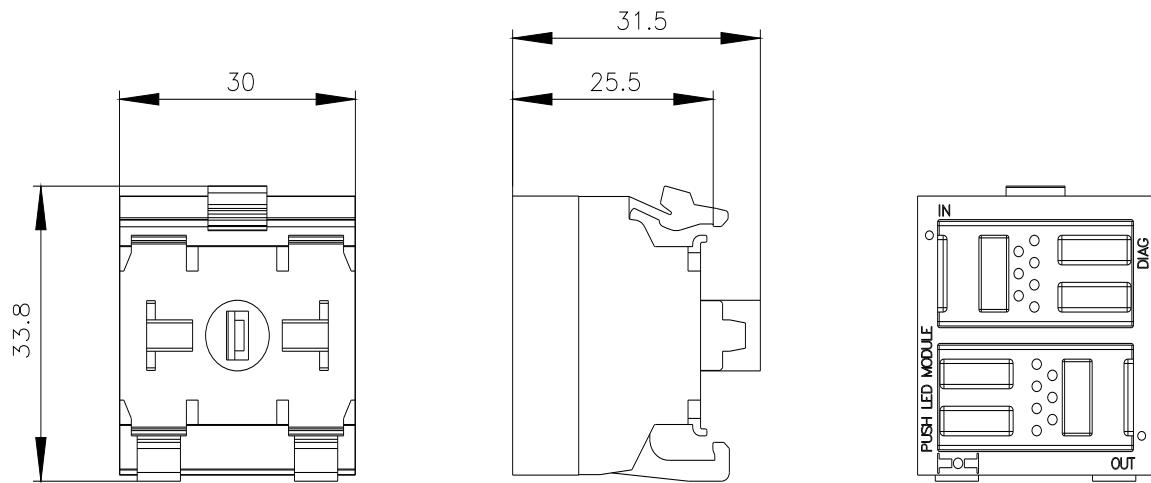
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1MC50-1CA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1MC50-1CA1>

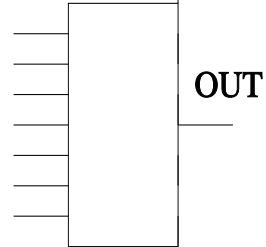
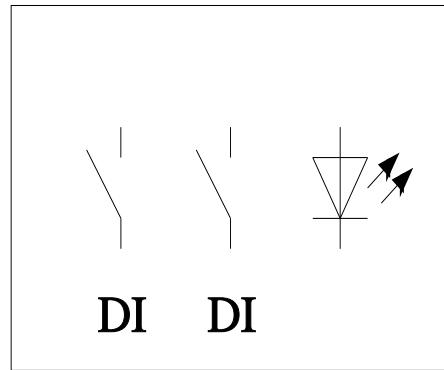
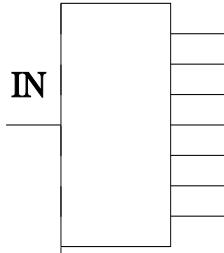
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1MC50-1CA1&lang=en



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