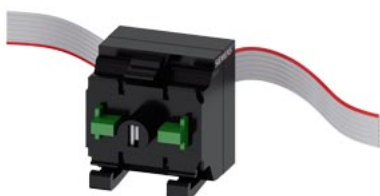


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SIRIUS ACT: terminal module (command and LED module), integrated LED amber, for front plate mounting



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	
for diagnostic function: Supply voltage monitoring power LED	Yes
status Tx/Rx link	No
General technical data	
product function	
reverse polarity protection	Yes; Ribbon cable can be rotated 180°.
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	
of the operating voltage	DC
of the input voltage	DC
surge voltage resistance rated value	0.8 kV
consumed current	
maximum	27 mA
rated value	23 mA
protection class IP	IP20
shock resistance	
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
according to IEC 60068-2-6	10 ... 500 Hz: 5g
for railway applications according to EN 61373	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 mm2	
connectable conductor cross-section for auxiliary contacts	0.08 ... 0.08 mm²	
• solid or stranded		
• finely stranded with core end processing maximum	0.08 mm²	
connectable conductor cross-section	0.08 ... 0.08 mm²	
• solid		
• solid with core end processing	0.08 ... 0.08 mm²	
• finely stranded with core end processing	0.08 ... 0.08 mm²	
• finely stranded without core end processing	0.08 ... 0.08 mm²	
Lamp		
color of the light source	amber	
Safety related data		
product function suitable for safety function	No	
service life maximum	20 a	
Ambient conditions		
ambient temperature	-25 ... +60 °C	
• during operation		
• 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	
explosion protection marking for intrinsic safety of related equipment EEx ib	No	
Environmental footprint		
Environmental Product Declaration(EPD)	Yes	
global warming potential [CO2 eq] total	0.787 kg	
global warming potential [CO2 eq] during manufacturing	0.566 kg	
global warming potential [CO2 eq] during operation	0.235 kg	
global warming potential [CO2 eq] after end of life	-0.015 kg	
Siemens Eco Profile (SEP)	Siemens EcoTech	
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		
General Product Approval		Test Certificates
		other



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



other	Environment
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[Confirmation](#)



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[Environmental Confirmations](#)

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=3SU1401-1MC00-1CA1>

Cax online generator

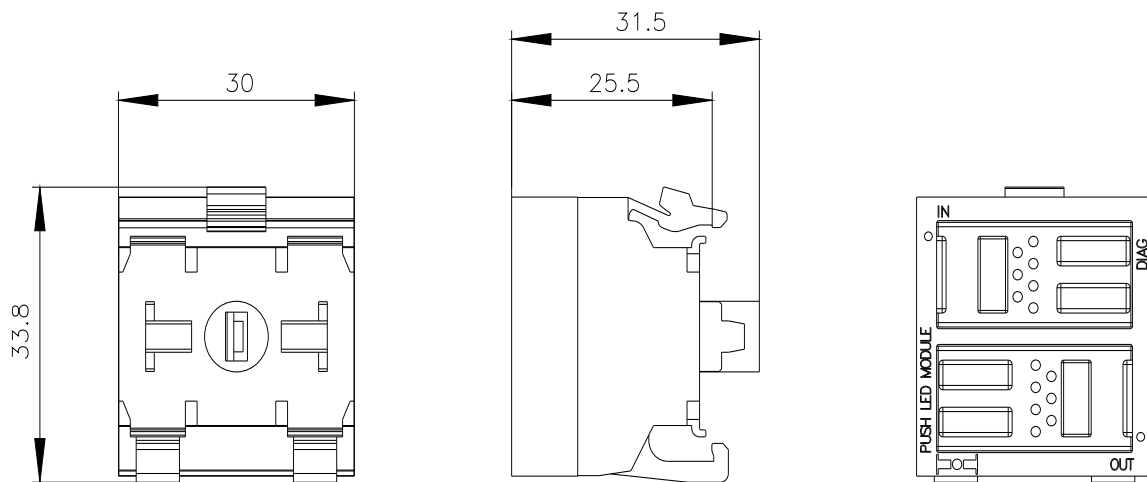
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1MC00-1CA1>

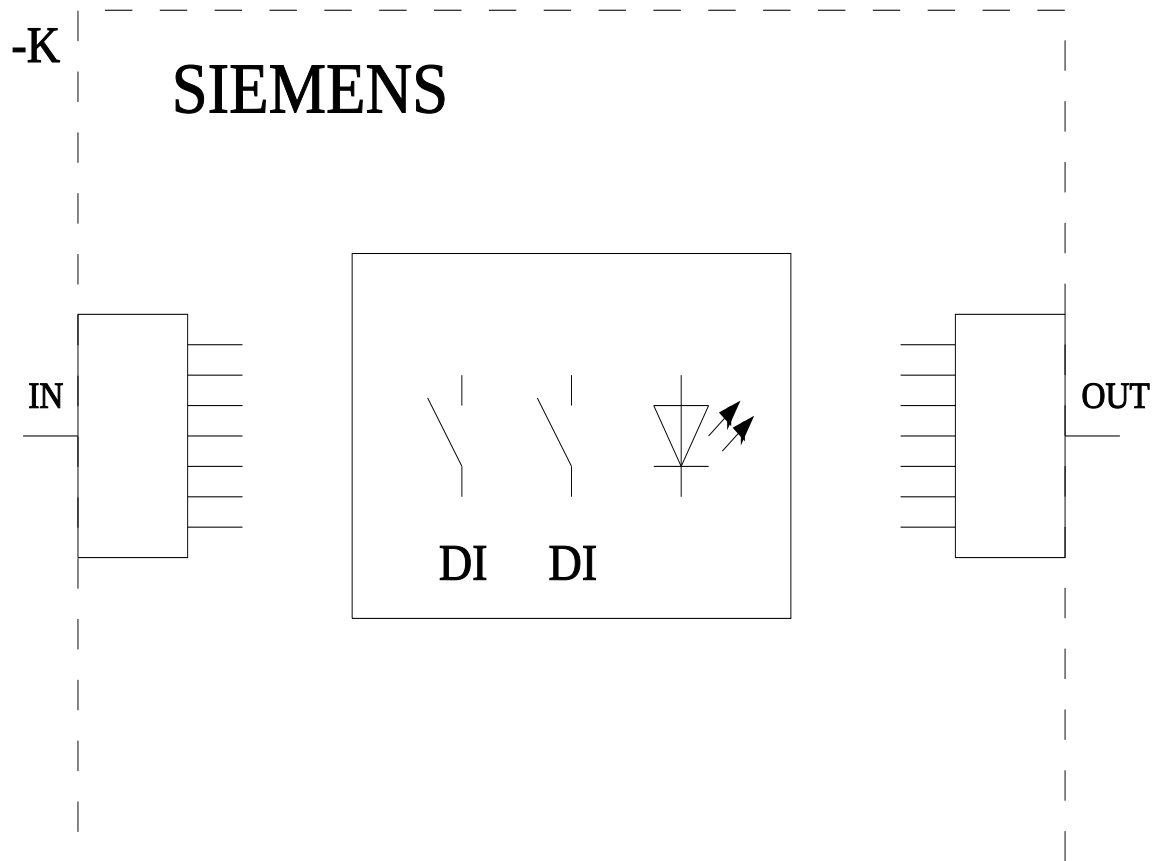
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1MC00-1CA1>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1MC00-1CA1&lang=en





last modified:

4/2/2025 