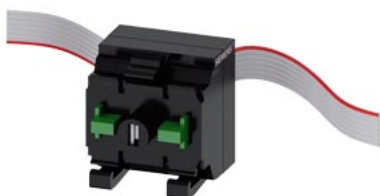


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SIRIUS ACT: terminal module (command and LED module), integrated LED amber, for front plate mounting



product brand name	SIRIUS ACT
product designation	Terminal module
design of the product	with 2 contacts and integrated LED
product type designation	3SU1
<b>Display</b>	
display version	
<ul style="list-style-type: none"> <li>for diagnostic function: Supply voltage monitoring power LED</li> </ul>	Yes
<ul style="list-style-type: none"> <li>status Tx/Rx link</li> </ul>	No
<b>General technical data</b>	
product function	
<ul style="list-style-type: none"> <li>reverse polarity protection</li> </ul>	Yes; Ribbon cable can be rotated 180°.
<ul style="list-style-type: none"> <li>diagnostics function</li> </ul>	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"> <li>of the operating voltage</li> </ul>	DC
<ul style="list-style-type: none"> <li>of the input voltage</li> </ul>	DC
surge voltage resistance rated value	0.8 kV
consumed current	
<ul style="list-style-type: none"> <li>maximum</li> </ul>	27 mA
<ul style="list-style-type: none"> <li>rated value</li> </ul>	23 mA
protection class IP	IP20
shock resistance	
<ul style="list-style-type: none"> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
<ul style="list-style-type: none"> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
<ul style="list-style-type: none"> <li>according to IEC 60068-2-6</li> </ul>	10 ... 500 Hz: 5g
<ul style="list-style-type: none"> <li>for railway applications according to EN 61373</li> </ul>	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
<b>Communication/ Protocol</b>	

protocol is supported	No
<ul style="list-style-type: none"> <li>PROFIsafe protocol</li> </ul>	
<b>Connections/ Terminals</b>	
type of electrical connection	Insulation displacement connection
type of connectable conductor cross-sections	Ribbon cable 7-pole, 7 x 0.08 mm <sup>2</sup>
connectable conductor cross-section for auxiliary contacts	
<ul style="list-style-type: none"> <li>solid or stranded</li> </ul>	0.08 ... 0.08 mm <sup>2</sup>
<ul style="list-style-type: none"> <li>finely stranded with core end processing maximum</li> </ul>	0.08 mm <sup>2</sup>
connectable conductor cross-section	
<ul style="list-style-type: none"> <li>solid</li> </ul>	0.08 ... 0.08 mm <sup>2</sup>
<ul style="list-style-type: none"> <li>solid with core end processing</li> </ul>	0.08 ... 0.08 mm <sup>2</sup>
<ul style="list-style-type: none"> <li>finely stranded with core end processing</li> </ul>	0.08 ... 0.08 mm <sup>2</sup>
<ul style="list-style-type: none"> <li>finely stranded without core end processing</li> </ul>	0.08 ... 0.08 mm <sup>2</sup>
AWG number as coded connectable conductor cross section	28 ... 28
<b>Lamp</b>	
color of the light source	amber
<b>Safety related data</b>	
service life maximum	20 a
<b>Ambient conditions</b>	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	-25 ... +60 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-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
<b>Environmental footprint</b>	
Environmental Product Declaration (EPD)	Yes
Global Warming Potential [CO <sub>2</sub> eq] total	0.787 kg
Global Warming Potential [CO <sub>2</sub> eq] during manufacturing	0.566 kg
Global Warming Potential [CO <sub>2</sub> eq] during operation	0.235 kg
Global Warming Potential [CO <sub>2</sub> eq] after end of life	-0.015 kg
Siemens Eco Profile (SEP)	Siemens EcoTech
<b>Installation/ mounting/ dimensions</b>	
fastening method of modules and accessories	Front plate mounting
height	32.6 mm
width	30 mm
depth	31.5 mm
<b>Approvals Certificates</b>	
General Product Approval	Test Certificates



[Confirmation](#)



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

other

Environment

[Confirmation](#)



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[Environmental Confirmations](#)

#### Further information

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=3SU1401-1MC00-1CA1>

Cax online generator

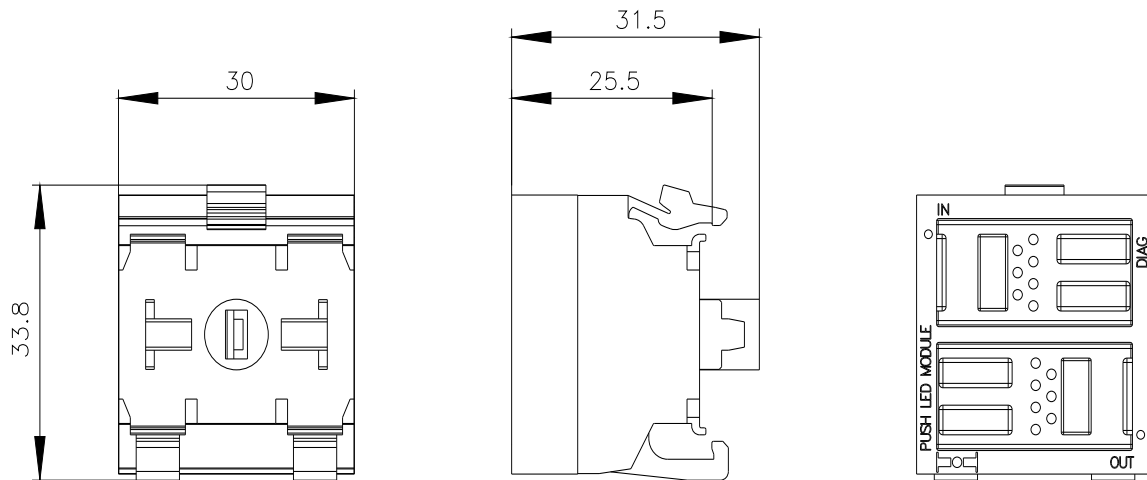
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1MC00-1CA1>

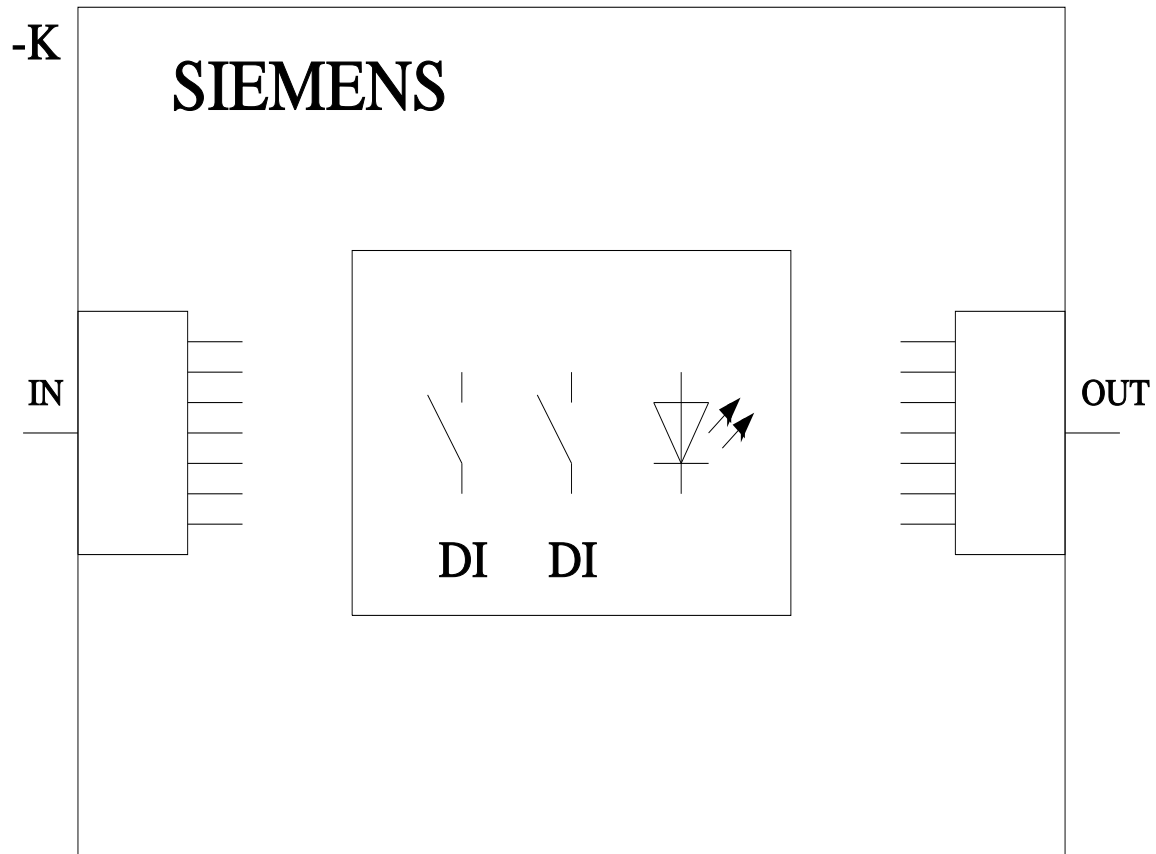
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1MC00-1CA1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1MC00-1CA1&lang=en)





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3/11/2024 