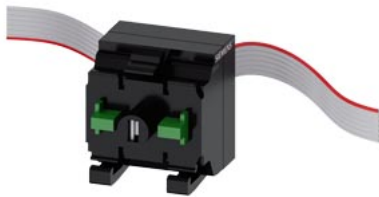


Siemens  
EcoTech



SIRIUS ACT: terminal module (command and LED module), integrated LED red, 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
Weight	0.021 kg
<b>Communication/ Protocol</b>	

<b>protocol is supported</b> • PROFI-safe protocol	No
<b>Connections/ Terminals</b>	
<b>type of electrical connection</b>	Insulation displacement connection
<b>type of connectable conductor cross-sections</b>	Ribbon cable 7-pole, 7 x 0.08 mm <sup>2</sup>
<b>connectable conductor cross-section for auxiliary contacts</b> • solid or stranded • finely stranded with core end processing maximum	0.08 ... 0.08 mm <sup>2</sup> 0.08 mm <sup>2</sup>
<b>connectable conductor cross-section</b> • solid • solid with core end processing • finely stranded with core end processing • finely stranded without core end processing	0.08 ... 0.08 mm <sup>2</sup> 0.08 ... 0.08 mm <sup>2</sup> 0.08 ... 0.08 mm <sup>2</sup> 0.08 ... 0.08 mm <sup>2</sup>
<b>AWG number as coded connectable conductor cross section</b>	28 ... 28

**Lamp**

<b>color of the light source</b>	red
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**Safety related data**

product function suitable for safety function	No
<b>service life maximum</b>	20 a

**Ambient conditions**

<b>ambient temperature</b> • 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)
<b>explosion protection marking for intrinsic safety of related equipment EEx ia</b>	No
<b>explosion protection marking for intrinsic safety of related equipment EEx ib</b>	No

**Environmental footprint**

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

**Installation/ mounting/ dimensions**

fastening method of modules and accessories	Front plate mounting
<b>height</b>	32.6 mm
<b>width</b>	30 mm
<b>depth</b>	31.5 mm

**Approvals Certificates**

<b>General Product Approval</b>	<b>Test Certificates</b>
<a href="#">Confirmation</a>    	<a href="#">Type Test Certificates/Test Report</a>

<b>Test Certificates</b>	<b>other</b>	<b>Environment</b>
<a href="#">Special Test Certificate</a>	<a href="#">Confirmation</a>  	<a href="#">Environmental Confirmations</a> 

**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=3SU1401-1MC20-1CA1>

Cax online generator

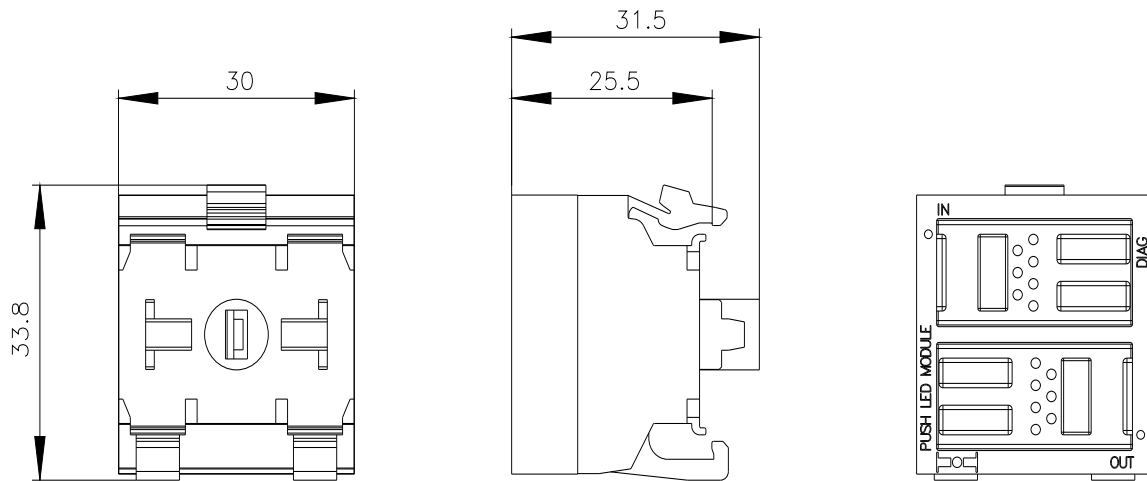
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1MC20-1CA1>

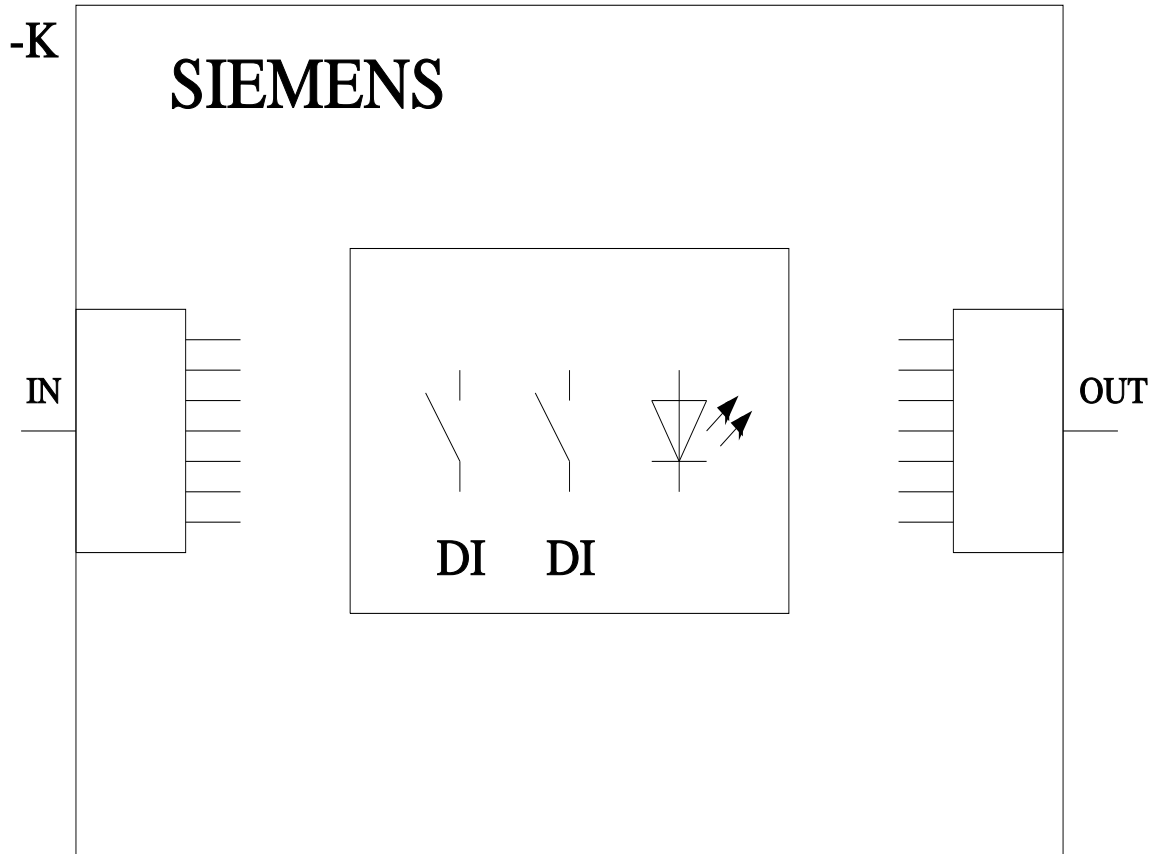
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1MC20-1CA1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1MC20-1CA1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1MC20-1CA1&lang=en)





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7/26/2024 