

Siemens  
EcoTech



SIRIUS ACT: terminal module (LED module), integrated LED white, for front plate mounting



<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Terminal module
<b>design of the product</b>	with integrated LED
<b>product type designation</b>	3SU1
<b>Display</b>	
<b>display version</b>	
<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>	
<b>product function</b>	
<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
<b>firmware version</b>	1.0.0
<b>hardware version</b>	1
<b>software version with STEP 7 in the TIA Portal required</b>	V13 SP1 (V13 SP1 and V14 with HSP0132)
<b>power loss [W] typical</b>	0.115 W
<b>degree of pollution</b>	3
<b>type of voltage</b>	
<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
<b>surge voltage resistance rated value</b>	0.8 kV
<b>consumed current</b>	
<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
<b>protection class IP</b>	IP20
<b>shock resistance</b>	
<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
<b>vibration resistance</b>	
<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
<b>reference code according to IEC 81346-2</b>	K
<b>Substance Prohibitance (Date)</b>	12/19/2016
<b>SVHC substance name</b>	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5

<b>Weight</b>	19 g
<b>Communication/ Protocol</b>	
<b>protocol is supported</b>	
<ul style="list-style-type: none"> <li>PROFIsafe protocol</li> </ul>	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>	
<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>
<b>connectable conductor cross-section</b>	
<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>
<b>Lamp</b>	
<b>color of the light source</b>	white
<b>Safety related data</b>	
product function suitable for safety function	No
<b>service life maximum</b>	20 a
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
<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)
<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
<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
<b>height</b>	32.6 mm
<b>width</b>	30 mm
<b>depth</b>	31.5 mm
<b>Approvals Certificates</b>	
<b>General Product Approval</b>	<b>Test Certificates</b>



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

other

Environment



[Confirmation](#)



Siemens EcoTech



[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=3SU1401-1ME60-1DA1>

Cax online generator

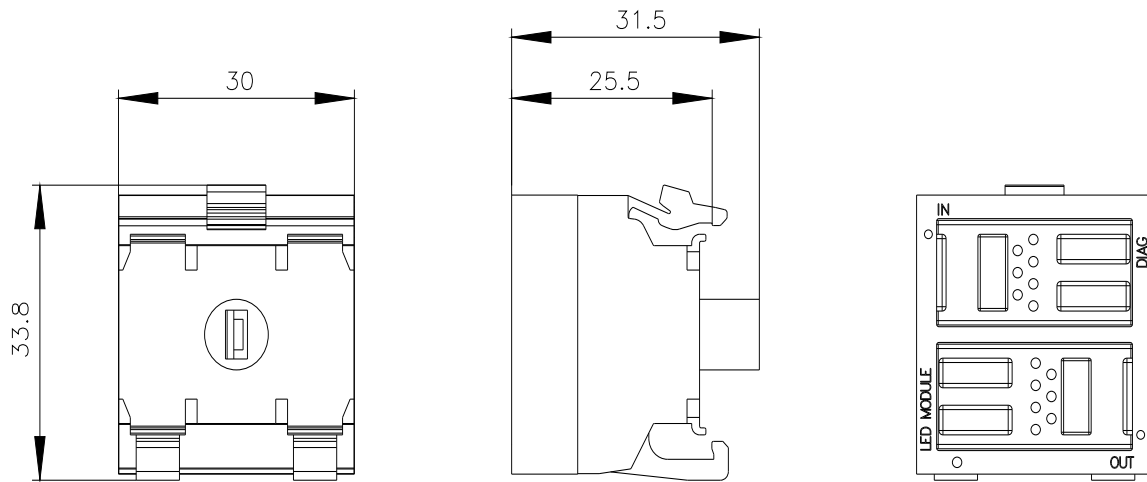
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1ME60-1DA1>

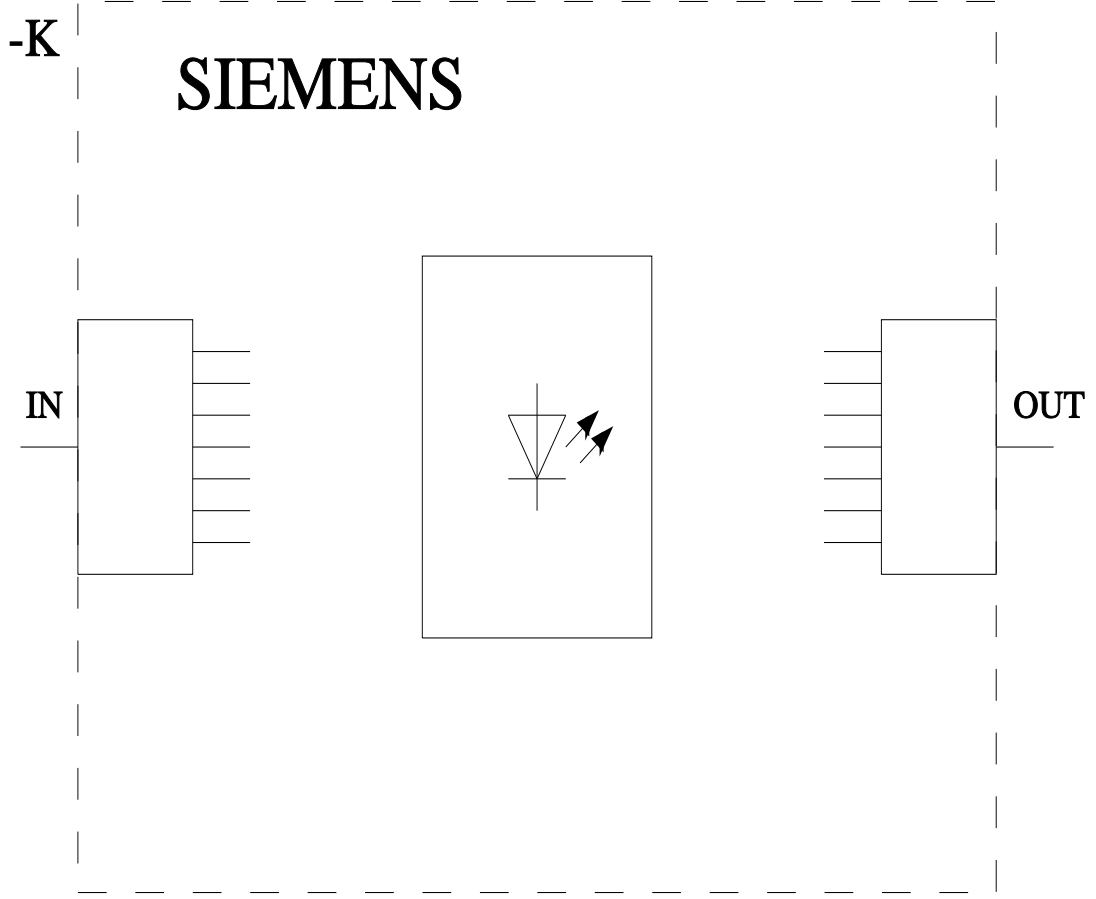
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1ME60-1DA1>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1ME60-1DA1&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1ME60-1DA1&lang=en)





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