

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



product brand name	SIRIUS ACT
product designation	Terminal module
design of the product	with integrated LED
product type designation	3SU1
<b>Display</b>	
display version	
• for diagnostic function: Supply voltage monitoring power LED	Yes
• status Tx/Rx link	No
<b>General technical data</b>	
product function	Yes; Ribbon cable can be rotated 180°. Yes
• reverse polarity protection	
• diagnostics function	
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	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5
<b>Communication/ Protocol</b>	
protocol is supported	
• PROFIsafe 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	0.08 ... 0.08 mm <sup>2</sup>
• finely stranded with core end processing maximum	0.08 mm <sup>2</sup>
<b>connectable conductor cross-section</b>	
• solid	0.08 ... 0.08 mm <sup>2</sup>
• solid with core end processing	0.08 ... 0.08 mm <sup>2</sup>
• finely stranded with core end processing	0.08 ... 0.08 mm <sup>2</sup>
• finely stranded without core end processing	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>	amber
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### Safety related data

<b>service life maximum</b>	20 a
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### Ambient conditions

<b>ambient temperature</b>	
• 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)

<b>explosion protection marking for intrinsic safety of related equipment EEx ia</b>	No
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<b>explosion protection marking for intrinsic safety of related equipment EEx ib</b>	No
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### 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

General Product Approval	Test Certificates
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[Confirmation](#)



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

<b>other</b>	<b>Environment</b>
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[Confirmation](#)

[EPD Typ II/III \(with life cycle assessment\)](#)

### 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>

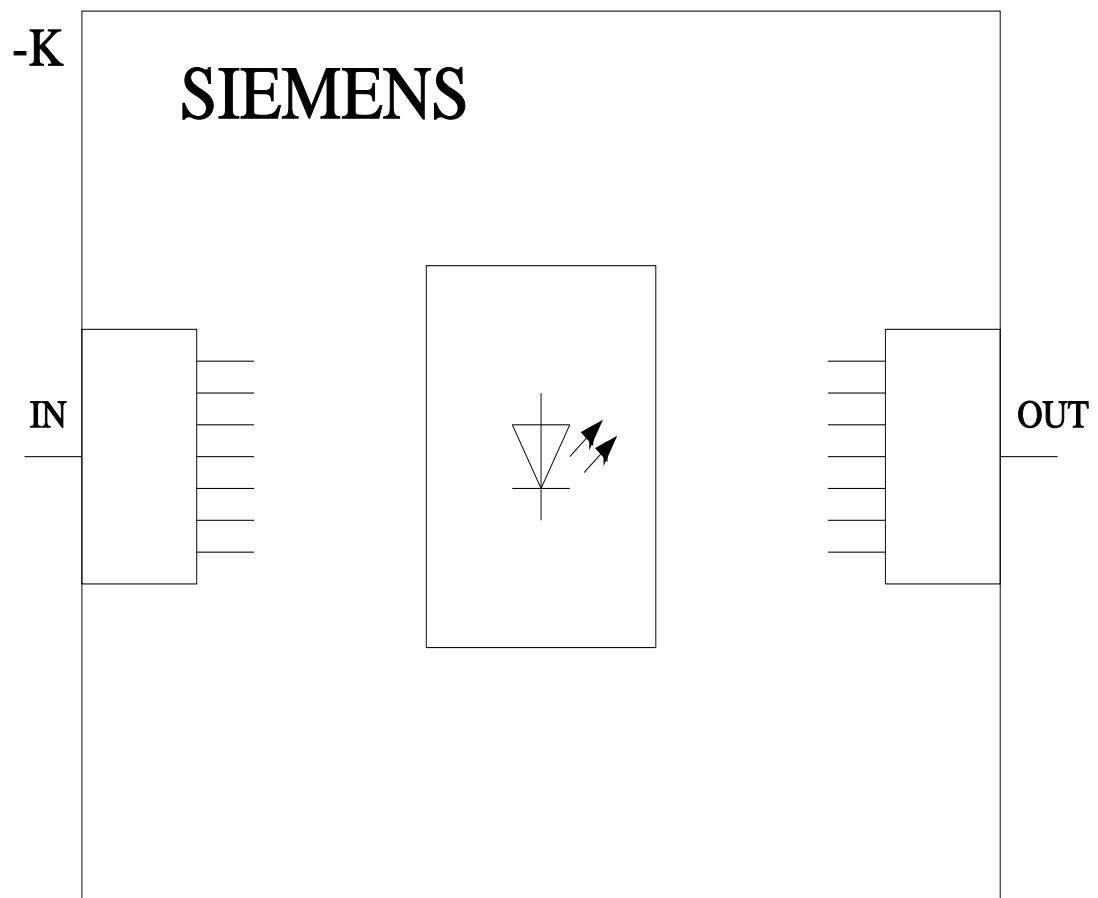
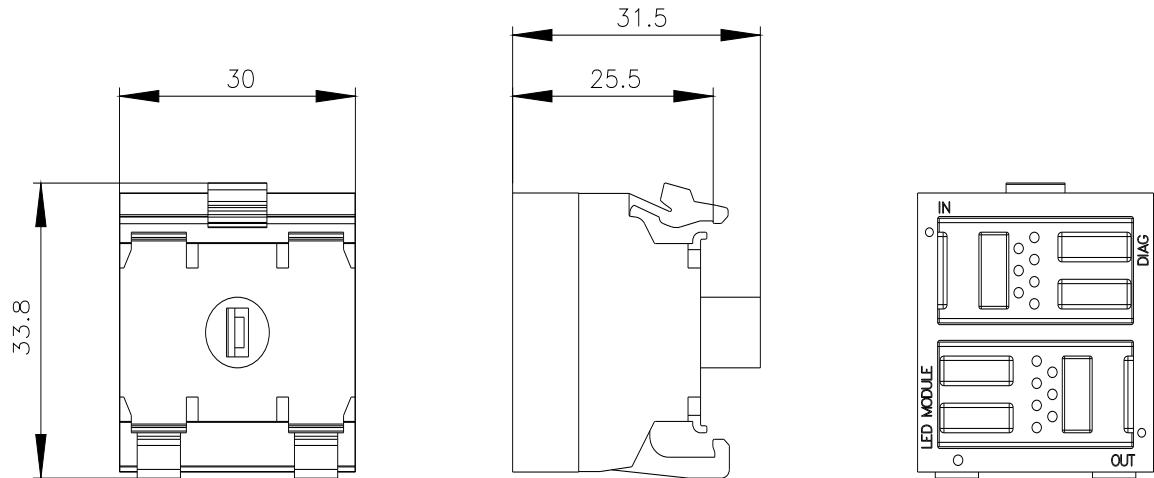
#### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1ME00-1DA1>

#### Cax online generator

<http://support.automation.siemens.com/WW/CAxorder/default.aspx?lang=en&mlfb=3SU1401-1ME00-1DA1>

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



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