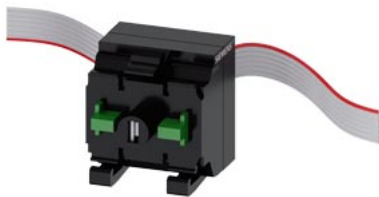


Siemens
EcoTech



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
Display	
display version	
<ul style="list-style-type: none"> for diagnostic function: Supply voltage monitoring power LED 	Yes
<ul style="list-style-type: none"> status Tx/Rx link 	No
General technical data	
product function	
<ul style="list-style-type: none"> reverse polarity protection 	Yes; Ribbon cable can be rotated 180°.
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> of the operating voltage 	DC
<ul style="list-style-type: none"> of the input voltage 	DC
surge voltage resistance rated value	0.8 kV
consumed current	
<ul style="list-style-type: none"> maximum 	27 mA
<ul style="list-style-type: none"> rated value 	23 mA
protection class IP	IP20
shock resistance	
<ul style="list-style-type: none"> according to IEC 60068-2-27 	sinusoidal half-wave 15 g / 11 ms
<ul style="list-style-type: none"> for railway applications according to EN 61373 	Category 1, Class B
vibration resistance	
<ul style="list-style-type: none"> according to IEC 60068-2-6 	10 ... 500 Hz: 5 g
<ul style="list-style-type: none"> 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 monoxide (lead oxide) CAS-No. 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5

	Melamine CAS-No. 108-78-1	
Net Weight	19 g	
Communication/ Protocol		
protocol is supported	No	
<ul style="list-style-type: none"> 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 mm ²	
connectable conductor cross-section for auxiliary contacts		
<ul style="list-style-type: none"> solid or stranded 	0.08 mm ²	
<ul style="list-style-type: none"> finely stranded with core end processing maximum 	0.08 mm ²	
connectable conductor cross-section		
<ul style="list-style-type: none"> solid 	0.08 mm ²	
<ul style="list-style-type: none"> solid with core end processing 	0.08 mm ²	
<ul style="list-style-type: none"> finely stranded with core end processing 	0.08 mm ²	
<ul style="list-style-type: none"> finely stranded without core end processing 	0.08 mm ²	
Lamp		
color of the light source	red	
Safety related data		
product function suitable for safety function	No	
service life maximum	20 a	
Ambient conditions		
ambient temperature		
<ul style="list-style-type: none"> during operation 	-25 ... +60 °C	
<ul style="list-style-type: none"> 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	
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		
Environmental Product Declaration		
<ul style="list-style-type: none"> global warming potential [CO₂ eq] / during manufacturing 	0.566 kg	
<ul style="list-style-type: none"> global warming potential [CO₂ eq] / during operation 	0.235 kg	
<ul style="list-style-type: none"> global warming potential [CO₂ eq] / after end of life 	-0.0145 kg	
<ul style="list-style-type: none"> global warming potential [CO₂ eq] / total 	0.787 kg	
Environment	General Product Approval	other

[Environmental Confirmations](#)



[Confirmation](#)

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)

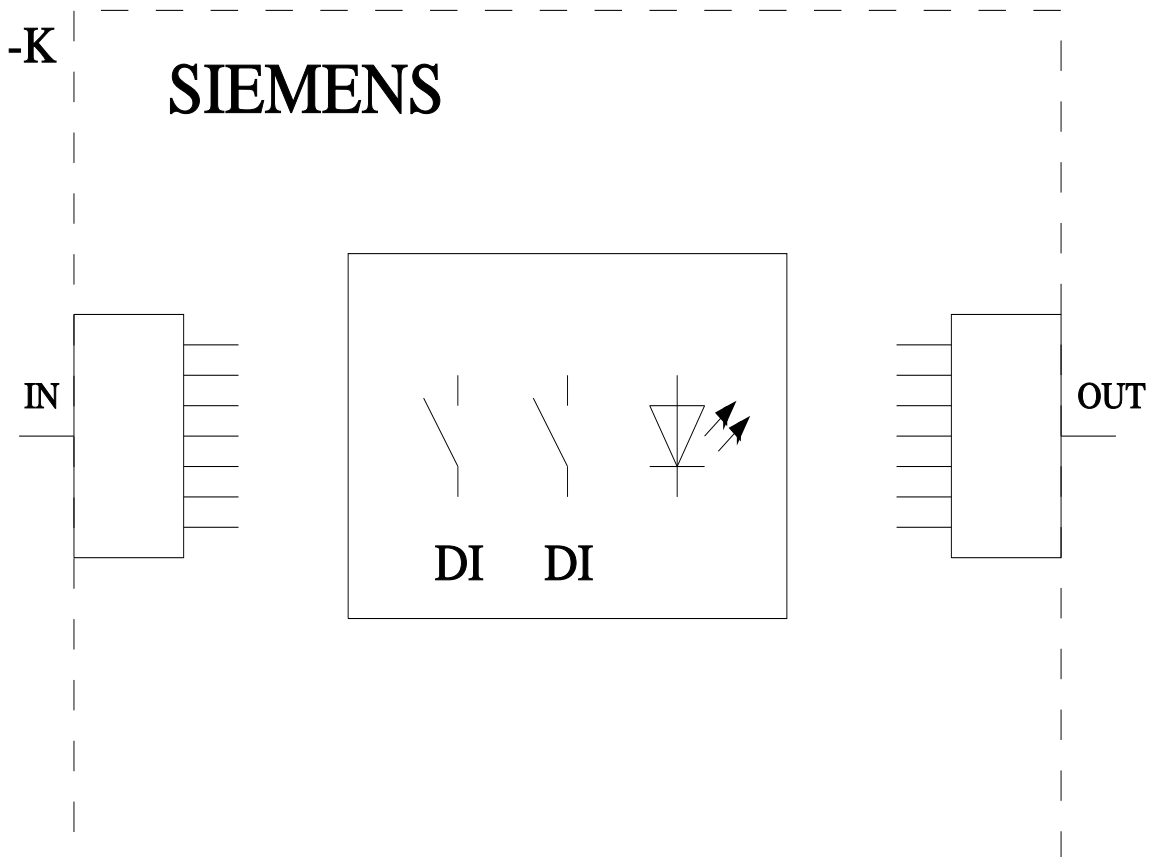
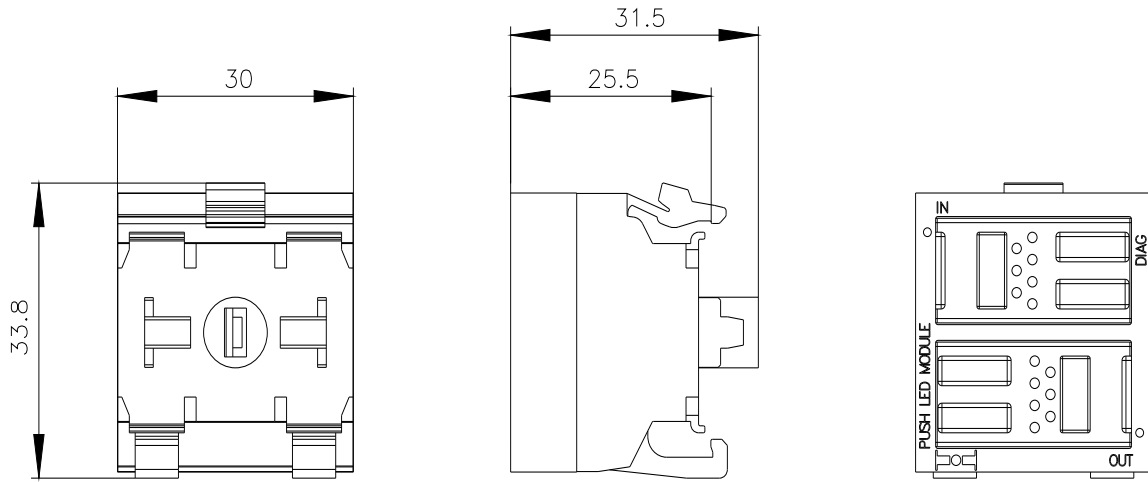
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1MC20-1CA1>

Cax online generator

<https://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>



last modified:

4/4/2026 