



LED test module operating voltage 6-240 V AC/DC, screw terminal, for front plate mounting, for LED modules (6-24 V AC/DC, 24 V AC/DC, 24-240 V AC/DC) 1x (L-) and 2x (L+)



product brand name	SIRIUS ACT
product designation	LED test module
product type designation	3SU1

General technical data

product component	<ul style="list-style-type: none"> • diode • lamp transformer • light source • series resistor 	<ul style="list-style-type: none"> Yes No No No
insulation voltage rated value	320 V	
degree of pollution	3	
type of voltage of the operating voltage	AC/DC	
• for actuation	AC/DC	
surge voltage resistance rated value	4 kV	
consumed current maximum	0 mA	
protection class IP		
• of the enclosure	IP40	
• of the terminal	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	
operating period typical	100 000 h	
reference code according to IEC 81346-2	W	
Substance Prohibitance (Date)	10/01/2014	
SVHC substance name	Lead - 7439-92-1 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5	
operating voltage		
• at AC		
— at 50 Hz rated value	12 ... 240 V	
— at 60 Hz rated value	12 ... 240 V	
• at DC rated value	12 ... 240 V	
relative positive tolerance of the operating voltage	20 %	
relative negative tolerance of the operating voltage	20 %	

Control circuit/ Control

inrush current maximum	3 A
Connections/ Terminals	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid with core end processing	2x (0.5 ... 0.75 mm ²)
• solid without core end processing	2x (1.0 ... 1.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• finely stranded without core end processing	2x (1,0 ... 1,5 mm ²)
• for AWG cables	2x (18 ... 14)
connectable conductor cross-section finely stranded with core end processing	0.5 ... 1.5 mm ²
tightening torque with screw-type terminals	0.8 ... 0.9 N·m
certificate of suitability	
• ATEX	No
• IECEx	No

Ambient conditions	
ambient temperature	
• during operation	-25 ... +70 °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)

Environmental footprint	
Environmental Product Declaration(EPD)	Yes
Global Warming Potential [CO ₂ eq] total	0.787 kg
Global Warming Potential [CO ₂ eq] during manufacturing	0.566 kg
Global Warming Potential [CO ₂ eq] during operation	0.235 kg
Global Warming Potential [CO ₂ 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
height	36 mm
width	9.8 mm
depth	25 mm

Approvals Certificates	
General Product Approval	



[Confirmation](#)



General Product Approval	EMV	Test Certificates	Marine / Shipping
--------------------------	-----	-------------------	-------------------



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping	other	Environment
-------------------	-------	-------------



[Confirmation](#)



Siemens
EcoTech



[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=3SU1400-1CK10-1AA0>

Cax online generator

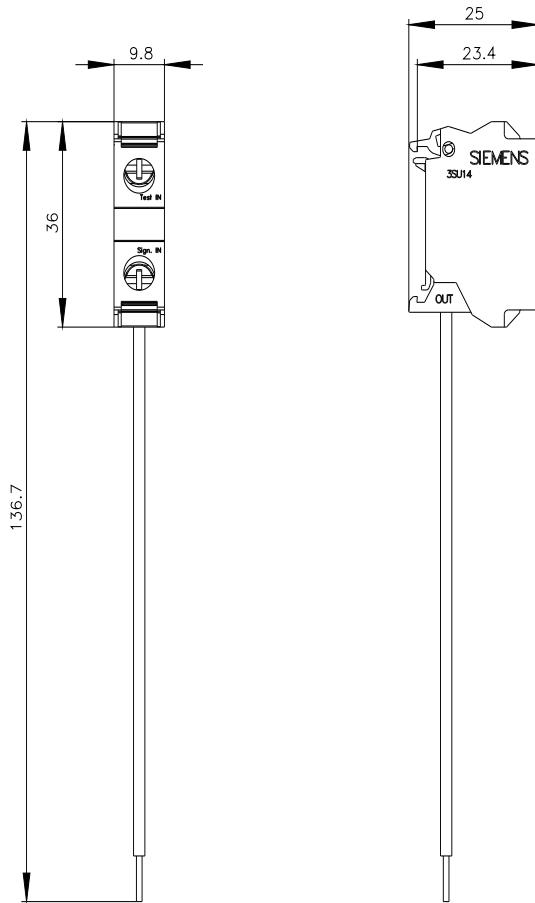
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1CK10-1AA0>

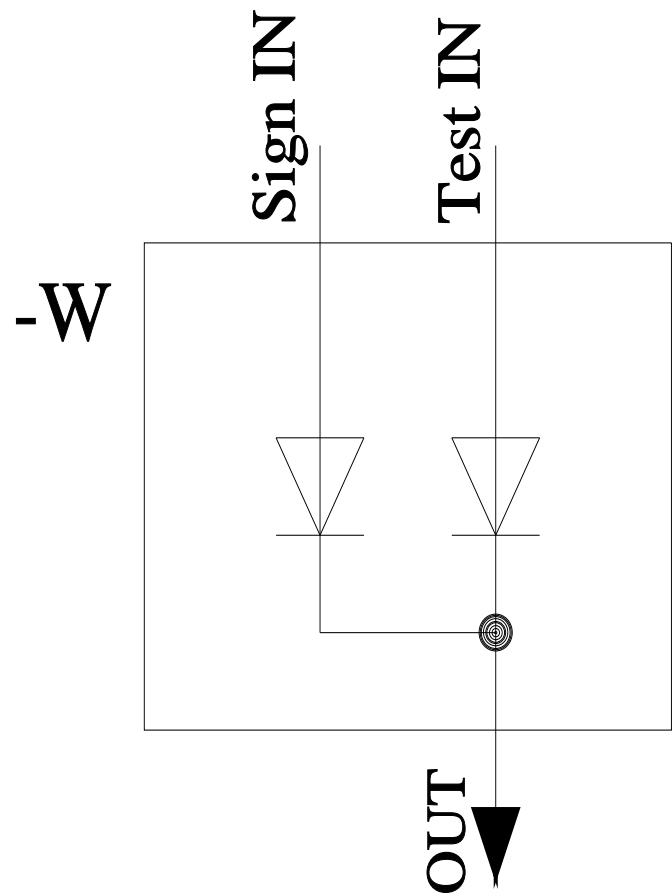
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1CK10-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1CK10-1AA0&lang=en





last modified:

3/11/2024