SIEMENS

Data sheet



LED module with integrated LED 6-24 V AC/DC, red, spring-type terminal, for front plate mounting, Z=50-unit packaging

product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
General technical data	
product component	
• diode	Yes
 lamp transformer 	No
• light source	Yes
series resistor	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	30 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	Р
Substance Prohibitance (Date)	03/01/2017
operating voltage	
• at AC	
— at 50 Hz rated value	6 24 V
— at 60 Hz rated value	6 24 V
at DC rated value	6 24 V
relative positive tolerance of the operating voltage	20 %
relative negative tolerance of the operating voltage	20 %
Control circuit/ Control	
inrush current maximum	2 A
Connections/ Terminals	
type of electrical connection	spring-loaded terminals
type of connectable conductor cross-sections	
 solid without core end processing 	2x (0.25 1.5 mm²)

 finely stranded with core end processing 	2x (0.25 0.75 mm²)
 finely stranded without core end processing 	2x (0.25 1.5 mm²)
• for AWG cables	2x (24 16)
Lamp	
type of light source	LED
color of the light source	red
light intensity	450 1 120 mcd
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, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted)
Installation/ mounting/ dimensions	
fastening method	
of modules and accessories	Front plate mounting
height	36 mm
width	9.8 mm
depth	29.4 mm
suitability for integration	
plastic enclosure	Yes
metal enclosure	Yes
Certificates/ approvals	
Further information	

Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1401-1BG20-3AA0-Z X90

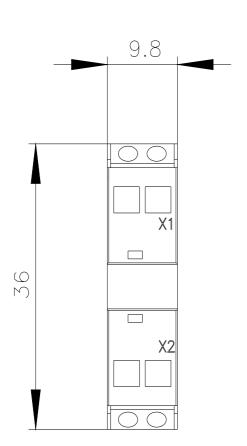
Cax online generator

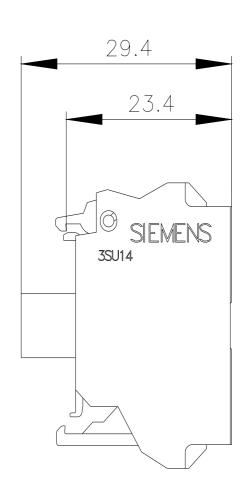
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BG20-3AA0-Z X90

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

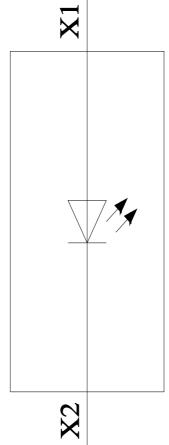
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BG20-3AA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BG20-3AA0-Z X90&lang=en









last modified: 3/9/2022 🖸

