SIEMENS

Data sheet



LED module with integrated LED 230 V AC, white, screw 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		
• for actuation	AC		
surge voltage resistance rated value	4 kV		
consumed current maximum	20 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 1			
• at AC			
— at 50 Hz rated value	230 V		
— at 60 Hz rated value	230 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 mm²)		
 solid without core end processing 	2x (1.0 1.5 mm²)		

 finely stranded with core end processing 	2x (0.5 1.5 mm²)		
 finely stranded without core end processing 	2x (1,0 1,5 mm²)		
• for AWG cables	2x (18 14)		
tightening torque with screw-type terminals	0.8 0.9 N·m		
Lamp			
type of light source	LED		
color of the light source	white		
light intensity	900 1 400 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	33.2 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=3SU1401-1BF60-1AA0-Z X90

Cax online generator

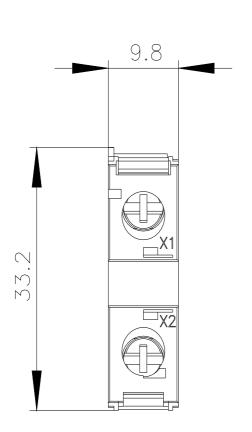
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BF60-1AA0-Z X90

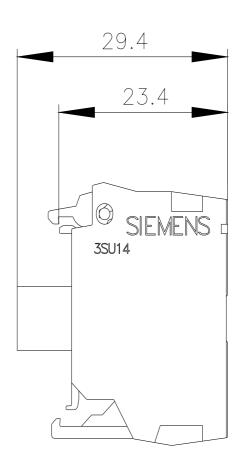
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

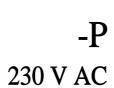
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BF60-1AA0-Z X90

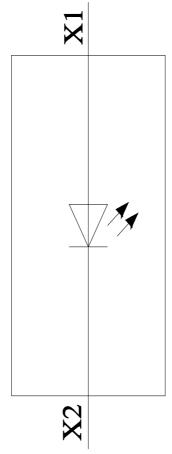
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BF60-1AA0-Z X90&lang=en









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