## SIEMENS

## Data sheet

## 3SU1401-2BF00-1AA0

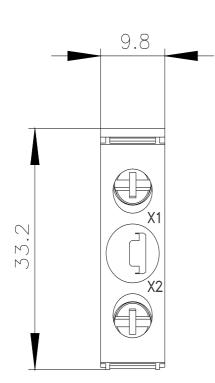


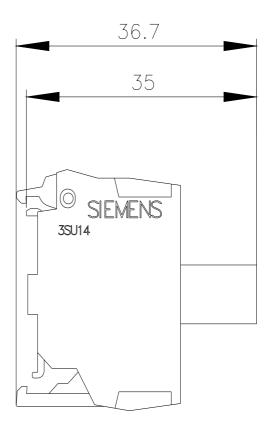
LED module with integrated LED 230 V AC, amber, screw terminal, for floor mounting

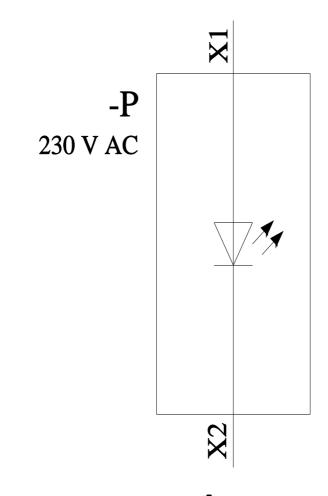
product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
General technical data	
product component	
• diode	Yes
<ul> <li>lamp transformer</li> </ul>	No
<ul> <li>light source</li> </ul>	Yes
<ul> <li>series resistor</li> </ul>	No
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	AC
<ul> <li>for actuation</li> </ul>	AC
surge voltage resistance rated value	4 kV
consumed current maximum	20 mA
protection class IP	
<ul> <li>of the enclosure</li> </ul>	IP40
<ul> <li>of the terminal</li> </ul>	IP20
shock resistance	
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
operating period typical	100 000 h
reference code according to IEC 81346-2	Р
Substance Prohibitance (Date)	10/01/2014
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	
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
<ul> <li>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²)

<ul> <li>finely stranded without core end processing</li> </ul>		2x (1,0 1,5 mm²)		
<ul> <li>at AWG cables</li> </ul>		2x (18 14)		
tightening torque with screw-type terminals	(	0.8 0.9 N·m		
Lamp				
type of light source	I	LED		
color of the light source	é	amber		
light intensity	4	450 1 120 mcd		
certificate of suitability				
• ATEX	I	No		
• IECEx	1	No		
Ambient conditions				
ambient temperature				
<ul> <li>during operation</li> </ul>		-25 +70 °C		
<ul> <li>during storage</li> </ul>		-40 +80 °C		
environmental category during operation accordin		3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no		
60721	(	condensation in operation permitted)		
Installation/ mounting/ dimensions				
fastening method				
<ul> <li>of modules and accessories</li> </ul>	1	Floor mounting		
height		33.2 mm		
width	9	9.8 mm		
depth	2	29.4 mm		
suitability for integration				
plastic enclosure		Yes		
metal enclosure		Yes	_	
Certificates/ approvals				
General Product Approval		Declaration of Conformity		
Test Certificates	uL arine / Shippin			
Test Certificates Ma	arine / Shippi	ing		
<u>Type Test Certific-</u> <u>Special Test Certific-</u> <u>ates/Test Report</u> <u>ate</u>	ABS	LIRS PRS RINA		
Marine / Shipping other				
Confirmation Env	<u>vironmental Co</u> firmations	<u>Con-</u>		
Further information				
Information on the packaging https://support.industry.siemens.com/cs/ww/en/vie	w/100212075	75		
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=3SU1401-2BF00-1AA0 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BF00-1AA0 Service&Support (Manuals, Certificates, Characteristics, FAQs,)				
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BF00-1AA0 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BF00-1AA0⟨=en				

1/24/2023







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