## SIEMENS

## Data sheet

## 3SU1401-2BF20-3AA0



LED module with integrated LED 230 V AC, red, spring-type terminal, for floor mounting

product brand name	SIRIUS ACT			
product designation				
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			
series resistor	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				
of the enclosure	IP40			
of the terminal	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	Ρ			
Substance Prohibitance (Date)	10/01/2014			
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5			
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	spring-loaded terminals			
type of connectable conductor cross-sections				

<ul> <li>solid without core end processing</li> </ul>		2x (0.25 1.5 mm²)				
<ul> <li>finely stranded with core end processing</li> </ul>		2x (0.25 0.75 mm <sup>2</sup> )				
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end process</li> </ul>		2x (0.25 1.5 mm <sup>2</sup> )				
<ul> <li>for AWG cables</li> </ul>	sing	````				
connectable conductor cross-section finely stra	unded with core	2x (24 16) 0.25 0.75 mm <sup>2</sup>				
end processing	anded with core	0.25 0.75 11111-				
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		-25 +70 °C				
•	during operation					
during storage	II. 1. IEO	-40 +80 °C		0		
environmental category during operation accor 60721	ding to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with condensation in operation pern		0 95%, no		
Environmental footprint			interest in the second s			
Environmental Product Declaration(EPD)		Yes				
Global Warming Potential [CO2 eq] total		0.787 kg				
	aufacturing					
Global Warming Potential [CO2 eq] during mar		0.566 kg				
Global Warming Potential [CO2 eq] during ope		0.235 kg				
global warming potential [CO2 eq] after end of	lite	-0.015 kg				
Installation/ mounting/ dimensions						
fastening method						
<ul> <li>of modules and accessories</li> </ul>		Floor mounting				
height		36 mm				
width		9.8 mm				
dopth		00 4				
depth		29.4 mm				
deptn Approvals Certificates		29.4 mm				
•		29.4 mm		EMC		
Approvals Certificates General Product Approval		29.4 mm		EMC		
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Approvals Certificates General Product Approval	(CCC)	29.4 mm	EAC	Ø		
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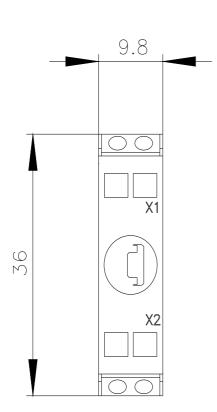
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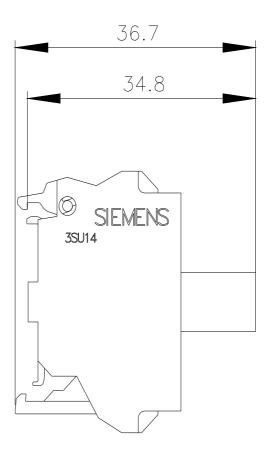
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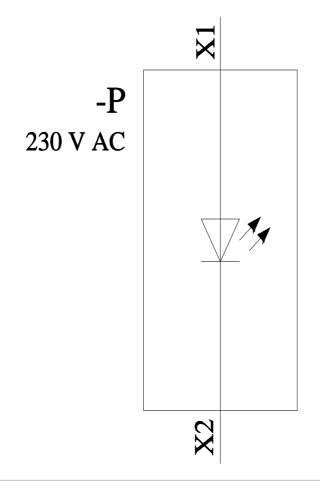
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