SIEMENS

Data sheet

3SU1401-2BF40-1AA0



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

and the former and the second	SIRIUS ACT			
product brand name	LED module			
product designation	3SU1			
product type designation	3501			
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	P			
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				
solid with core end processing	2x (0.5 0.75 mm²)			
solid without core end processing	2x (1.0 1.5 mm²)			

	core end processing		2x (0.5 1.5 mm²)			
 finely stranded with one end processing finely stranded without core end processing 			2x (1,0 1,5 mm ²)			
 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			green			
light intensity			900 1 400 mcd			
certificate of suitability						
• ATEX			No			
• IECEx			No			
mbient conditions						
ambient temperature						
during operation			-25 +70 °C			
during operation during storage			-40 +80 °C			
environmental category du	ring operation accord	ting to IEC		3K6 (with relative air humidi	tv of 10 95% po	
60721	ing operation accord		3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted)			
stallation/ mounting/ dim	nensions					
fastening method						
 of modules and acce 	essories		Floor mounting			
height			33.2 mm			
width			9.8 mm			
depth			29.4 mm			
suitability for integration	I.					
 plastic enclosure 			Yes			
 metal enclosure 			Yes			
ertificates/ approvals						
General Product Approv	ral				EMC	
					_	
	Confirmation	(m)	<u> </u>	гпг	A	
L.) H		(m)	(%L)	' FHI	<u>(</u>)	
CSA CSA		ccc	UL		RCM	
CSA CSA		ccc	UL		RCM	
USA CSA		ccc	UL		RCM	
Declaration of Conformit	ty	ccc Test Certificate	UL	Marine / Shippin	RCM	
	ty				RCM ng	
	ty CE	Test Certificate	tific- Special Test C		RCM ng	
	CE	Type Test Cer	tific- <u>Special Test C</u>		RC M	
Declaration of Conformit	ity CE EG-Konf.	Type Test Cer	tific- <u>Special Test C</u>		ng Lloyds Kegister UKS	
	CE	Type Test Cer	tific- <u>Special Test C</u>		Lloyds Register	
UK CA	CE	<u>Type Test Cer</u> ates/Test Rep	tific <u>- Special Test C</u> sort <u>ate</u>	Certific-	Lloyds Register	
	CE	Type Test Cer	tific- <u>Special Test C</u>	Certific-	Lloyds Register	
UK CA	CE	Type Test Cer ates/Test Rep other	tific- <u>Special Test C</u> sort <u>ate</u> Environment	Certific-	Lloyds Register	
UK CA	CE	<u>Type Test Cer</u> ates/Test Rep	tific- <u>Special Test C</u> sort <u>ate</u> Environment	Certific-	Lloyds Register	
UK CA	CE	Type Test Cer ates/Test Rep other	tific- <u>Special Test C</u> sort <u>ate</u> Environment	Certific-	Lloyds Register	
UK CA	CE	Type Test Cer ates/Test Rep other	tific- <u>Special Test C</u> sort <u>ate</u> Environment	Certific-	Lloyds Register	
UK CA	CE	Type Test Cer ates/Test Rep other	tific- <u>Special Test C</u> sort <u>ate</u> Environment	Certific-	Lloyds Register	
UK CA	CE	Type Test Cer ates/Test Rep other	tific- <u>Special Test C</u> sort <u>ate</u> Environment	Certific-	Lloyds Register	

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=3SU1401-2BF40-1AA0

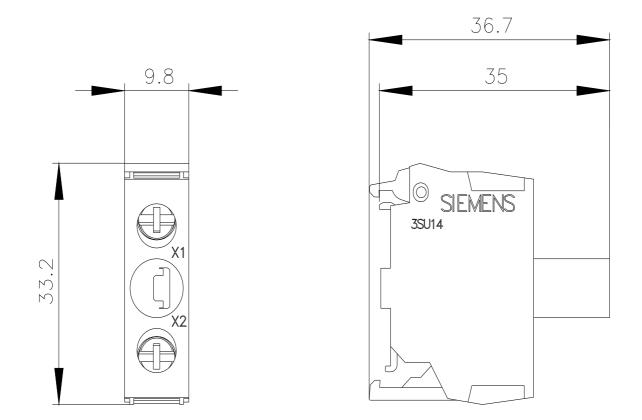
Cax online generator

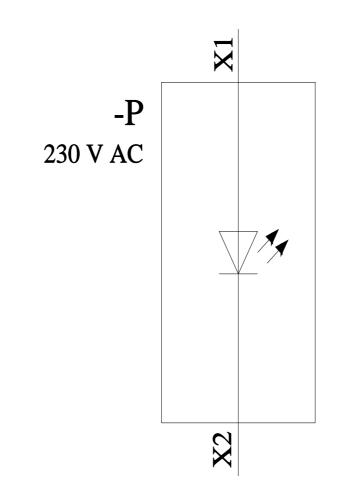
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BF40-1AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BF40-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BF40-1AA0&lang=en





last modified:

3/9/2022 🖸