SIEMENS

Data sheet



Indicator lights, 22 mm, round, plastic, red, lens, smooth, with holder, LED module, with integrated LED 24 V AC/DC, screw terminal

product designation Indicator lights design of the product product type designation 3SU1 product tine Plastic, black, 22 mm manufacturer's article number • of supplied LED module 3SU1650-0AA10-0AA0 • of supplied LED module 3SU1650-0AA10-0AA0 • of supplied repeater 3SU1001-6AA20-0AA0 • of supplied repeater 3SU1001-6AA20-0AA0 • of supplied repeater 9 Indicator product extension optional light source yes color • of the actuating element red plastic shape of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 29.45 mm Front ring product component front ring No Holder Plastic Display number of LED modules 1 Ceneral technical data product component light source Yes Insulation votage rated value 320 V degree of pollution 3 surge voltage resistance rated value 4 kV protection class IP • of the terminal Pl20 degree of protection NEMA rating 1.2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 80346-2 P Plastic Preference code according to IEC 81346-2 P P Substance Prohibitance (Date) 10(01/2014	product brand name	SIRIUS ACT
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material of the holder Plastic Display number of LED modules 1 General technical data product component light source Yes insulation voltage rated value 320 V degree of pollution 3 surge voltage resistance rated value 4 kV protection class IP IP66, IP67, IP69(IP69K) • of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 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 reference code according to IEC 81346-2	Front ring	
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Display number of LED modules General technical data product component light source insulation voltage rated value 320 V degree of pollution 3 surge voltage resistance rated value 4 kV protection class IP IP66, IP67, IP69(IP69K) of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373 Category 1, Class B reference code according to IEC 81346-2 P	Holder	
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surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-27 of the railway applications according to EN 61373 reference code according to IEC 81346-2 P	insulation voltage rated value	320 V
protection class IP of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of railway applications according to EN 61373 reference code according to IEC 81346-2 IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of railway applications according to EN 61373 Category 1, Class B P	degree of pollution	3
of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 reference code according to IEC 81346-2 P	surge voltage resistance rated value	4 kV
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 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 reference code according to IEC 81346-2 P	protection class IP	IP66, IP67, IP69(IP69K)
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 reference code according to IEC 81346-2 P	of the terminal	IP20
• according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B reference code according to IEC 81346-2 P	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
• for railway applications according to EN 61373 Category 1, Class B reference code according to IEC 81346-2 P	shock resistance	
reference code according to IEC 81346-2	• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
	for railway applications according to EN 61373	Category 1, Class B
Substance Prohibitance (Date) 10/01/2014	reference code according to IEC 81346-2	Р
	Substance Prohibitance (Date)	10/01/2014
SVHC substance name Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5	SVHC substance name	
Supply voltage	Supply voltage	

type of voltage of the supply voltage of the light source	AC/DC	
supply voltage of the light source at AC		
at 50 Hz rated value	24 V	
at 60 Hz rated value	24 V	
at 60 Hz rated value	24 24 V	
supply voltage of the light source at DC		
• rated value	24 V	
rated value	24 24 V	
relative negative tolerance of the supply voltage	20 %	
relative positive tolerance of the supply voltage	20 %	
Control circuit/ Control	20 /0	
inrush current maximum	2 A	
Connections/ Terminals		
type of electrical connection	other	
of modules and accessories	Screw-type terminal	
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 with core end processing finely stranded without core end processing	2x (1,0 1,5 mm²)	
• for AWG cables	2x (18 14)	
tightening torque of the screws in the bracket	1 1.2 N·m	
<u> </u>	0.8 0.9 N·m	
tightening torque with screw-type terminals	0.8 0.9 N·III	_
type of light source	LED	
color of the light source	red	
light intensity	450 1 120 mcd	
Ambient conditions	100 1 120 11100	
ambient temperature		
during operation	-25 +70 °C	
during storage	-40 +80 °C	
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 98 operation permitted for all devices behind front panel)	5%, no condensation in
invironmental footprint		
Environmental Product Declaration(EPD)	Yes	
Global Warming Potential [CO2 eq] total	0.787 kg	
Global Warming Potential [CO2 eq] during manufacturing	0.566 kg	
Global Warming Potential [CO2 eq] during operation	0.235 kg	
global warming potential [CO2 eq] after end of life	-0.015 kg	
nstallation/ mounting/ dimensions		
fastening method	front plate mounting	
of modules and accessories	Front plate mounting	
height	40 mm	
width	30 mm	
shape of the installation opening	round	
mounting diameter	22.3 mm	
positive tolerance of installation diameter	0.4 mm	
mounting height	11.8 mm	
installation width	29.5 mm	
installation depth	49.7 mm	
Approvals Certificates	.5.7 11111	
pprovide definitions.		Declaration of Con
General Product Approval		formity





Confirmation







Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report









other I	Environment
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<u>Confirmation</u> <u>Environmental Confirmations</u>

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=3SU1102-6AA20-1AA0

Cax online generator

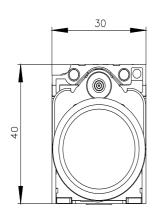
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1102-6AA20-1AA0

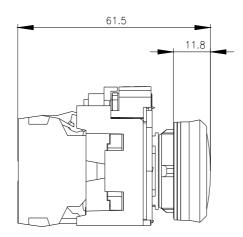
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

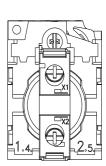
https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA20-1AA0

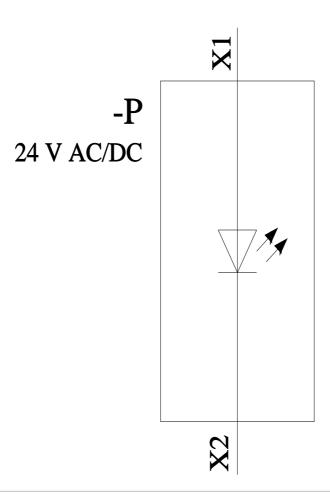
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1102-6AA20-1AA0&lang=en









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