3SU1106-6AA70-1AA0

Data sheet



Indicator lights, 22 mm, round, plastic, clear, lens, smooth, with holder, LED module, with integrated LED 230 V AC, screw terminal $\,$

product designation design of the product product type designation product type designation product type designation 3SU1 product line Plastic, black, 22 mm manufacturer's article number of supplied LED module of the supplied LED module of supplied repeater sulfactor Indicator Indica	product brand name	SIRIUS ACT
product type designation Plastic, black, 22 mm manufacturer's article number of supplied LED module 3SU1401-1BF60-1AA0 of the supplied holder 3SU1550-0AA10-0AA0 of supplied repeater Tarticle number Inclosure number of command points 1 Actuator product extension optional light source Yes color of the actuating element clear material of the actuating element round outer diameter of the actuating element 29.45 mm Front ring product component front ring No Holder 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 rasistance rated value 1.2, 3, 3R, 4, 4X, 12, 13 shock resistance occupance in source is insulations according to EN 61373 vibration resistance of category 1, Class B vibration resistance of supplications according to EN 61373 Value 1.2, 28 B	product designation	Indicator lights
product line	design of the product	Complete unit
manufacturer's article number of supplied LED module of the supplied holder of supplied repeater sulfacturer number of command points 1 Actuator product extension optional light source of the actuating element cuter diameter of the actuating element product component front ring product component front ring No Holder material of the holder plastic Seneral technical data product component light source yes insulation voltage rated value degree of pollution surge voltage resistance rated value of the terminal degree of protection NEMA rating short resistance e according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B	product type designation	3SU1
of supplied LED module of the supplied holder of supplied repeater of supplied repeater sulfs50-0AA10-0AA0 fenclosure number of command points 1 Actuator product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element outer diameter of the actuating element product component front ring Polder material of the holder Display number of LED modules 1 General technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B **Vibration resistance scacording to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	product line	Plastic, black, 22 mm
of the supplied holder of supplied repeater asution-6AA70-0AA0 end of supplied repeater number of command points Actuator product extension optional light source color of the actuating element plastic shape of the actuating element outer diameter of the actuating element Front ring product component front ring Holder material of the holder Display number of LED modules General technical data product component light source insulation voltage rated value actuation voltage rated value product cass IP of the terminal degree of protection NEMA rating shock resistance e according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B Vers Ves Category 1, Class B Vers Category 1, Class B Vers Category 1, Class B Vers Category 1, Class B Vers Category 1, Class B Vers Category 1, Class B	manufacturer's article number	
• of supplied repeater Enclosure number of command points Actuator product extension optional light source • of the actuating element material of the actuating element outer diameter of the actuating element product component front ring Product component front ring Plastic Display number of LED modules General technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value elegree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 Category 1, Class B Ves Category 1, Class B Category 1, Class B Category 1, Class B	 of supplied LED module 	3SU1401-1BF60-1AA0
Interpretation of the actuating element product extension optional light source color of the actuating element outer diameter of the actuating element plastic shape of the actuating element plastic shape of the actuating element product component front ring plastic pla	 of the supplied holder 	3SU1550-0AA10-0AA0
number of command points 1 Actuator product extension optional light source Yes color	 of supplied repeater 	3SU1001-6AA70-0AA0
product extension optional light source color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element product component front ring product component front ring Plastic Display number of LED modules 1 General technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B Vea (Category 1, Class B Very Category 1, Class B Very Category 1, Class B Very Category 1, Class B	Enclosure	
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outer diameter of the actuating element Front ring product component front ring No Holder material of the holder Display number of LED modules General technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B	material of the actuating element	plastic
product component front ring No Holder 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) pof 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 vibration resistance according to IEC 60068-2-6 according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B	shape of the actuating element	round
product component front ring Holder material of the holder Display number of LED modules General technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B	outer diameter of the actuating element	29.45 mm
material of the holder Plastic Display number of LED modules 1 General technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Plastic 1 Category 1, Class B	Front ring	
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number of LED modules General technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value of the terminal egree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B	Holder	
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product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance of for railway applications according to EN 61373 Category 1, Class B vibration resistance of for railway applications according to EN 61373 Category 1, Class B Category 1, Class B	Display	
product component light source insulation voltage rated value 320 V degree of pollution 3 surge voltage resistance rated value 4 kV protection class IP • 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 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B vibration resistance • for railway applications according to EN 61373 Category 1, Class B	number of LED modules	1
insulation voltage rated value degree of pollution 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 of according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B vibration resistance of according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B	General technical data	
degree of pollution surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B Category 1, Class B	product component light source	Yes
surge voltage resistance rated value protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B	insulation voltage rated value	320 V
protection class IP of the terminal degree of protection NEMA rating shock resistance of according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance of according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B	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 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B 10 500 Hz: 5g for railway applications according to EN 61373 Category 1, Class B 	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 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B	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 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g • for railway applications according to EN 61373 Category 1, Class B		IP20
 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 	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B 	shock resistance	
vibration resistance		sinusoidal half-wave 15g / 11 ms
 according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B 	for railway applications according to EN 61373	Category 1, Class B
• for railway applications according to EN 61373 Category 1, Class B	vibration resistance	
	according to IEC 60068-2-6	10 500 Hz: 5g
reference code according to IEC 81346-2	 for railway applications according to EN 61373 	Category 1, Class B

Substance Prohibitance (Date)	10/01/2014
Supply voltage	
type of voltage of the supply voltage of the light source	AC
supply voltage of the light source at AC	
• at 50 Hz rated value	230 V
at 60 Hz rated value	230 V
at 60 Hz rated value	230 230 V
relative negative tolerance of the supply voltage	20 %
relative positive tolerance of the supply voltage	20 %
Control circuit/ Control	
inrush current maximum	3 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 without core end processing 	2x (1,0 1,5 mm²)
at AWG cables	2x (18 14)
tightening torque of the screws in the bracket	1 1.2 N·m
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
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, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
Installation/ 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

General Product Approval

Declaration of Conformity



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report









Marine / Shipping

other



Confirmation

Environmental Confirmations

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=3SU1106-6AA70-1AA0

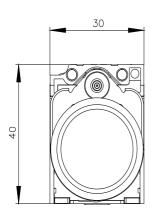
Cax online generator

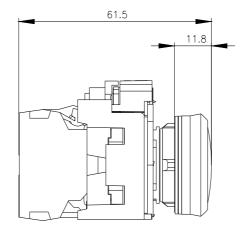
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1106-6AA70-1AA0

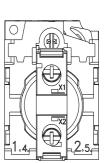
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-6AA70-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1106-6AA70-1AA0&lang=en







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1/26/2022