3SU1106-6AA70-1AA0-Z Y10

SIEMENS

Data sheet



Indicator light, 22 mm, round, plastic, clear, lens, smooth, with holder, LED module, with integrated LED 230 V AC, screw terminal, with laser labeling, upper case and lower case, always upper case at beginning of line

product designation design of the product Complete unit product type designation 3SU1 product type designation product type designation 3SU10 product type designation product tine manufacturer's article number of supplied LED module of the supplied LED module of supplied tele module of supplied tele module of supplied repeater sulfacesure number of command points 1 Actuator product extension optional light source color of the actuating element shape of the actuating element shape of the actuating element outer diameter of the actuating element shape of the actuating element arking of the actuating element product component front ring No Holdor Front ring product component fight source Plastic Oeneral tochnical data product component light source 4 yes Insulation voltage rated value degree of pollution 3 surge voltage resistance rated value of the teminal degree of protection less IP of the teminal degree of protection less Applications according to EN 61373 Category 1, Class B	product brand name	SIRIUS ACT
design of the product to product type designation and product time product time Plastic, black, 22 mm manufacturer's article number of supplied LED module assurance and produce and produce assurance and produce a	product designation	Indicator lights
product line Plastic, black, 22 mm manufacturer's article number • of supplied LED module 3SU1401-18F60-1AA0 • of supplied LED module 3SU1550-0AA10-0AA0 • of supplied repeater 3SU1001-6AA70-0AA0 • of supplied repeater 3SU1001-6AA70-0AA0 • of supplied repeater 7SU1001-6AA70-0AA0 Enclosure 7PODUCT extension optional light source Product	· · · · · · · · · · · · · · · · · · ·	Complete unit
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Enclosure number of command points Actuator product extension optional light source of the actuating element outer diameter of the actuating element material of the actuating element product component front ring product component front ring material of the holder product component front ring pr	 of the supplied holder 	3SU1550-0AA10-0AA0
number of command points 1 Actuator product extension optional light source Yes color • of the actuating element clear material of the actuating element plastic shape of the actuating element arking arking of the actuating element arking arking of the actuating element arking ar	of supplied repeater	3SU1001-6AA70-0AA0
Actuator product extension optional light source of the actuating element olear material of the actuating element outer diameter of the actuating element marking of the actuating element outer diameter of the actuating element arrived in the actuating element outer diameter of the actuating element arrived in the actuating element arrived in the actuating element arrived in the actuating element begins with upper case, every line begins with upper case letter product component front ring No No Holder material of the holder Plastic Display number of LED modules 1 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 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 of or railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	Enclosure	
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marking of the actuating element Any inscription, text in upper/lower case, every line begins with upper case letter 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 insulation voltage rated value degree of pollution surge voltage resistance rated value 4 kV 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 10 500 Hz: 5g	shape of the actuating element	round
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 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 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	outer diameter of the actuating element	29.45 mm
product component front ring Holder 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 of the terminal effor final material production 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 10 500 Hz: 5g	marking of the actuating element	
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product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value of the terminal reproduction NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g	Display	
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insulation voltage rated value degree of pollution surge voltage resistance rated value 4 kV protection class IP of the terminal lP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 10 500 Hz: 5g	General technical data	
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 for railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 10 500 Hz: 5g	product component light source	Yes
surge voltage resistance rated value protection class IP of the terminal lP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance of according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance of according to IEC 60068-2-6 10 500 Hz: 5g	insulation voltage rated value	320 V
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 10 500 Hz: 5g	degree of pollution	3
of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance eaccording to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of railway applications according to EN 61373 vibration resistance eaccording to IEC 60068-2-6 10 500 Hz: 5g	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	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	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 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	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 10 500 Hz: 5g		
vibration resistance ● according to IEC 60068-2-6 10 500 Hz: 5g	• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• according to IEC 60068-2-6 10 500 Hz: 5g	 for railway applications according to EN 61373 	Category 1, Class B
	vibration resistance	
• for railway applications according to EN 61373 Category 1, Class B	• according to IEC 60068-2-6	10 500 Hz: 5g
	 for railway applications according to EN 61373 	Category 1, Class B

reference code according to IEC 81346-2	P
Substance Prohibitance (Date)	10/01/2014
Supply voltage	1001/2011
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)
• for 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
Certificates/ approvals	
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=3SU1106-6AA70-1AA0-Z Y10

Cax online generator

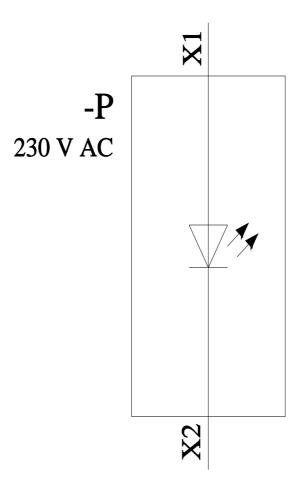
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1106-6AA70-1AA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-6AA70-1AA0-Z Y10

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-Z Y10&lang=en



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