SIEMENS

Data sheet



Indicator lights, 22 mm, round, plastic, clear, lens, smooth, with holder, LED module, with integrated LED 230 V AC, screw terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product designation design of the product Complete unit product type designation 3SU1 product type designation 3SU1 product type designation 3SU10 product type designation 4 of supplied LED module 5 of the supplied LED module 6 of the supplied holder 7 of supplied Tepeater 8 of supplied Tepeater 9 of the actuation polional light source 9 of the actuating element 9 plastic 1 ound 9 outer diameter of the actuating element 9 on the actuating element 9 on the sucreting of the actuating element 9 or offigurator/Configuration Identification Number (CIN) Front ring 9 orduct component front ring 9 No 9 holder 9 product component light source 9 yes 1	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm manufacture's article number of supplied LED module of the supplied holder of supplied repeater sulfosuro number of command points 1 Actuator product extension optional light source of the actuating element shape of the actuating element clear material of the actuating element product extension optional light source yes shape of the actuating element clear marking of the actuating element plastic shape of the actuating element couter diameter of the actuating element arking of the actuating element product component 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 degree of pollution surge voltage resistance rated value degree of protection NEMA rating degree of protection NEMA rating in Pick 1973 in Pick 1974	product designation	Indicator lights
product line Plastic, black, 22 mm manufacturer's article number • of supplied LED module • of the supplied holder • of supplied holder • of supplied repeater Bricosure number of command points Actuator product extension optional light source • of the actuating element material of the actuating element material of the actuating element marking of the actuating element Plastic Product component front ring Product component front ring Plastic Display number of LED modules 1 Ceneral technical data product component light source Yes insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP of the terminal lege of protection NEMA rating shock resistance • according to IEC 60068-2-6 10 500 Hz. 5g 10 500 Hz. 5g	design of the product	Complete unit
manufacturer's article number of supplied LED module of the supplied helder subject of supplied to supplied helder of the supplied helder subject of supplied to supplied helder of supplied repeater subject of supplied repeater mumber of command points 1 Actuator product extension optional light source of the actuating element tolear material of the actuating element shape of the actuating element color outer diameter of the actuating element arking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuratori Identification Number (CIN) Front ring product component front ring No Holder material of the holder Display number of LED modules 1 Ceneral 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 IP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g	product type designation	3SU1
of supplied LED module of the supplied holder of supplied repeater of supplied repeater sulfaso-OAAR-0-OAAR of supplied repeater mumber of command points 1 Actuator product extension optional light source of the actuating element of the actuating element outer diameter of the holder orofigurator/Configuration Identification Number (CIN) Front ring product component front ring No Holder material of the holder Plastic Display number of LED modules General technical data product component light source Yes insulation voltage rated value degree of pollution 3 surge voltage resistance rated value 4 kV protection class IP of the terminal in IP20 degree of protection NEMA rating shock resistance according to IEC 60068-2-27 insulation resistance according to IEC 60068-2-27 insulation resistance according to IEC 60068-2-6 in 500 Hz; 5g	product line	Plastic, black, 22 mm
of the supplied holder of supplied repeater assution-6AA70-0AA0 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 could diameter of the actuating element outer diameter of the actuating element arking of the actuating element configurator/Configuration Identification Number (CIN) Front ring product component front ring No Holder material of the holder Display number of LED modules Insulation voltage rated value degree of pollution surge voltage resistance rated value degree of protection NEMA rating shock resistance e according to IEC 60068-2-8 of the 2-8 of the 2-8 of the 2-9 of the 2-9 surgevoltage resistance e according to IEC 60068-2-6 of the 2-9 of the terminal enclosure 10 - 2-9 category 1, Class B vibration resistance e according to IEC 60068-2-6 of the category 1, Class B vibration resistance e according to IEC 60068-2-6 of the terminal enclosure 10 - 2-9 of the 2-9 of the category 1, Class B vibration resistance e according to IEC 60068-2-6 of the category 1, Class B vibration resistance e according to IEC 60068-2-6 of the category 1, Class B vibration resistance e according to IEC 60068-2-6	manufacturer's article number	
of supplied repeater inumber of command points	of supplied LED module	3SU1401-1BF60-1AA0
number of command points Actuator product extension optional light source	 of the supplied holder 	3SU1550-0AA10-0AA0
number of command points 1 Actuator product extension optional light source color • of the actuating element clear material of the actuating element plastic shape of the actuating element count outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration/Configuration Identification Number (CIN) Front ring product component front ring No Holder material of the holder Plastic Display number of LED modules 1 Ceneral 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 Category 1, Class B vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	of supplied repeater	3SU1001-6AA70-0AA0
Actuator product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element outer diameter of the actuating element marking of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) Front ring product component front ring No Holder material of the holder Display number of LED modules 1 General technical data product component light source insulation voltage rated value degree of pollution 3 surge voltage resistance rated value 4 kV protection class IP of the terminal liP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-67 sinusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	Enclosure	
product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 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 3 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 of railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	number of command points	1
color of the actuating element clear material of the actuating element shape of the actuating element outer diameter of the actuating element arking of the actuating element product component 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 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 logal Annual An	Actuator	
of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element are diameter of the actuating element any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration/Configuration Identification Number (CIN) Front ring product component front ring No Holder material of the holder Plastic Display number of LED modules 1 Ceneral 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 if P66, IP67, IP69(IP69K) if the terminal if IP20 degree of protection NEMA rating if 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-27 isinusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g	product extension optional light source	Yes
material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element 29.45 mm marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring product component front ring No Holder material of the holder Display number of LED modules 1 General technical data product component light source insulation voltage rated value degree of pollution 3 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 sinusoidal half-wave 15g / 11 ms vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	color	
shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 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 3 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 of or railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	 of the actuating element 	clear
outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 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 of or railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	material of the actuating element	plastic
marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring product component front ring No Holder 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 4 kV 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 10 500 Hz: 5g	shape of the actuating element	round
configurator/Configuration Identification Number (CIN) Front ring product component front ring Mo 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 iP20 degree of protection 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	outer diameter of the actuating element	29.45 mm
product component front ring Holder material of the holder Display number of LED modules 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 60068-2-27 • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	marking of the actuating element	
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 product component light source 1 yes insulation voltage rated value 320 V degree of pollution 3 surge voltage resistance rated value 4 kV protection class IP 1 P66, 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 Category 1, Class B vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g	Front ring	
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 iP20 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	product component front ring	No
number of LED modules Ceneral technical data product component light source insulation voltage rated value 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 vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g	Holder	
number of LED modules General technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value + kV protection class IP protection class IP protection voltage resistance rated value + kV protection class IP protection NEMA rating protection NEMA	material of the holder	Plastic
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 60068-2-27 vibration resistance • according to IEC 60068-2-6 10 500 Hz: 5g	Display	
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 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 10 500 Hz: 5g	number of LED modules	1
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 o 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 o according to IEC 60068-2-6 10 500 Hz: 5g	General technical data	
degree of pollution surge voltage resistance rated value 4 kV 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 • for railway applications according to EN 61373 vibration resistance • 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 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	insulation voltage rated value	320 V
protection class IP of the terminal lP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance o 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 o 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 • 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	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 Y19

Cax online generator

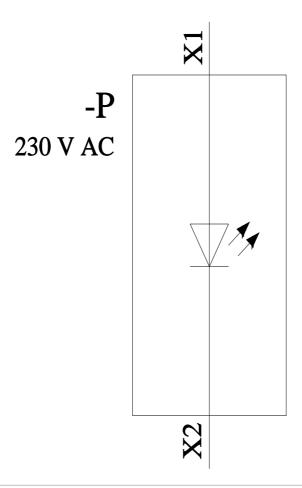
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1106-6AA70-1AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-6AA70-1AA0-Z Y19

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 Y19&lang=en



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