SIEMENS

Data sheet



Indicator lights, 22 mm, round, metal, shiny, blue, lens, smooth, with holder, LED module with integrated LED 110 V AC, screw terminal, Z=20-unit packaging

product designation design of the product Complete unit product type designation product type designation product type designation product type designation Metal, shiny, 22 mm Metal, shiny, 23 mm Metal, shiny, 22 mm Metal, shiny, 22 mm Metal, shiny, 23 mm Metal, shiny, 22 m	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm of supplied LED module of the supplied holder of supplied repeater 3SU1550-0AA10-0AA0 3SU1550-0AA10-0AA0 3SU1051-6AA50-0AA0 Enclosuro number of command points 1 Actuator product extension optional light source color of the actuating element blue material of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element product ordinater of the actuating element 7ound Outer diameter of the actuating element Pront 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 320 V degree of pollution 3 surge voltage rasted value 4 kV protection class IP insulation voltage rated value 1 P20 degree of protection NEMA rating 1 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-67 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 Substance Prohibitance (Date) 10/01/2014	product designation	Indicator lights
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manufacturer's article number of supplied LED module of the supplied holder supplied holder of supplied repeater sulfs50-0AA10-0AA0 sulfs50-0AA10-0AA0 sulfs50-0AA10 sulf	product type designation	3SU1
of supplied LED module of the supplied holder of supplied repeater of supplied repeater renclosure number of command points 1 Actuator product extension optional light source of the actuating element of the actuating element outer diameter of the actuating element outer diameter of the actuating element outer diameter of the actuating element 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 shock resistance	product line	Metal, shiny, 22 mm
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Enclosure number of command points Actuator 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 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 60068-2-6 reference code according to IEC 6014-2 Substance Prohibitance (Date) 10 Yes 11 12 13 14 15 16 17 17 18 19 19 10 10 10 10 10 10 10 10	 of the supplied holder 	3SU1550-0AA10-0AA0
number of command points 1 Actuator product extension optional light source Yes color • of the actuating element blue 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 resistance rated value 4 kV protection class IP IP66, IP67, IP69(IP69K) • of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-6 10 500 Hz: 59 reference code according to IEC 81346-2 P Substance Prohibitance (Date)	 of supplied repeater 	3SU1051-6AA50-0AA0
Actuator product extension optional light source color • of the actuating element material of the actuating element outer diameter 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 60068-2-6 reference code according to IEC 60068-2-6 reference code according to IEC 60068) yes lue blue Yes nound nound outer diameter plastic Plastic Plastic Plastic Plastic Plastic Plastic Plastic Yes insulation voltage rated 4 kV general technical data yes yes insulation voltage 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 60068-2-6 10 500 Hz: 5g reference code according to IEC 81346-2 P Substance Prohibitance (Date)	Enclosure	
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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 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 60068-2-6 reference code according to IEC 60068-2-6 reference code according to IEC 60168-1 Substance Prohibitance (Date) blue plastic plastic Plastic Plastic 1 County No 1 1 County Plastic Plastic Plastic Plastic Plastic Plastic Plastic 1 1 1 1 2 4 2 9 Substance 1 1 1 1 1 1 1 1 1 1 1 1 1	Actuator	
of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element	product extension optional light source	Yes
material 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 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 60068-2-6 10 500 Hz: 5g reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014	color	
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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) • of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-6 10 500 Hz: 5g reference code according to IEC 81346-2 Substance Prohibitance (Date) 10/01/2014	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 lP20 degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 substance Prohibitance (Date) Plastic Plastic Plastic Plastic Plastic 1 Component firent ring 1 A kV Pres a20 V degree of pollution 3 surge voltage resistance rated value 4 kV protection class IP IP66, IP67, IP69(IP69K) 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 vibration resistance • according to IEC 81346-2 P Substance Prohibitance (Date) 10/01/2014	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 lP20 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 reference code according to IEC 81346-2 Substance Prohibitance (Date) plastic 1 Comparison Pessitic 1 1 1 1 1 1 1 1 1 1 1 1 1	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 lP20 degree of protection NEMA rating shock resistance • according to IEC 60068-2-7 vibration resistance • according to IEC 60068-2-6 reference code according to IEC 81346-2 Substance Prohibitance (Date) 1 / 28 1 /	Holder	
number of LED modules 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 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 vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g reference code according to IEC 81346-2 Substance Prohibitance (Date) 1 / 20 / 32 / 32 / 33 / 34 / 34 / 35 / 34 / 35 / 34 / 35 / 35	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 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 reference code according to IEC 81346-2 Substance Prohibitance (Date) Yes 120 120 120 120 120 120 120 120 120 12	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 lP20 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 vibration resistance according to IEC 60068-2-6 reference code according to IEC 81346-2 Substance Prohibitance (Date) Yes 320 V	number of LED modules	1
insulation voltage rated value degree of pollution surge voltage resistance rated value 4 kV protection class IP if the terminal degree of protection NEMA rating the terminal shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 reference code according to IEC 81346-2 Substance Prohibitance (Date) 320 V 320 V 320 V 321 V 322 V 323 V 324 V 4 kV IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms Vibration resistance 10 500 Hz: 5g	General technical data	
degree of pollution 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 oaccording to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance oaccording to IEC 60068-2-6 reference code according to IEC 81346-2 Substance Prohibitance (Date)	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 sinusoidal half-wave 15g / 11 ms vibration resistance of according to IEC 60068-2-6 reference code according to IEC 81346-2 Substance Prohibitance (Date) 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 15g / 11 ms IP66, IP67, IP69(IP69K) IP69(IP69K) IP60 IP60 IP60 IP60 IP60 IP60 IP60 IP60	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 sinusoidal half-wave 15g / 11 ms vibration resistance of according to IEC 60068-2-6 reference code according to IEC 81346-2 Substance Prohibitance (Date) IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms vibration resistance of according to IEC 60068-2-7 ID 500 Hz: 5g P	degree of pollution	3
 of the terminal 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 vibration resistance o according to IEC 60068-2-6 reference code according to IEC 81346-2 P Substance Prohibitance (Date) 10/01/2014 	surge voltage resistance rated value	4 kV
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance	protection class IP	IP66, IP67, IP69(IP69K)
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 reference code according to IEC 81346-2 P Substance Prohibitance (Date) 10/01/2014	of the terminal	IP20
according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 10 500 Hz: 5g reference code according to IEC 81346-2 P Substance Prohibitance (Date) 10/01/2014	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistance	shock resistance	
● according to IEC 60068-2-6 reference code according to IEC 81346-2 P Substance Prohibitance (Date) 10 500 Hz: 5g P 10/01/2014	• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
reference code according to IEC 81346-2 P Substance Prohibitance (Date) 10/01/2014	vibration resistance	
Substance Prohibitance (Date) 10/01/2014	according to IEC 60068-2-6	10 500 Hz: 5g
	reference code according to IEC 81346-2	P
Supply voltage	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 	110 V
 at 60 Hz rated value 	110 V
at 60 Hz rated value	110 110 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	blue
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	

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=3SU1153-6AA50-1AA0-Z X90

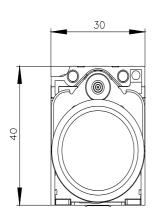
Cax online generator

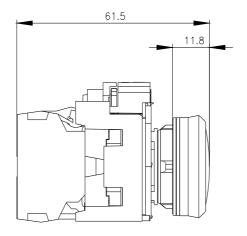
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1153-6AA50-1AA0-Z X90

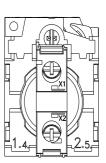
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-6AA50-1AA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1153-6AA50-1AA0-Z X90&lang=en







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