3SU1153-6AA20-3AA0-Z Y11

Data sheet



Indicator lights, 22 mm, round, metal, shiny, red, lens, smooth, with holder, LED module with integrated LED 110 V AC, spring-type terminal, with laser labeling, upper case

product designation design of the product product type designation product type designation product line manufacturer's article number of supplied LED module of the supplied LED module of the supplied LED module of the supplied repeater number of command points Actuator product extension optional light source color of the actuating element material of the actuating element marking of the actuating element product component front ring Product component front ring Metal Display number of LED modules Ceneral technical data product component light source insulation voltage rated value degree of pollution 3 surge voltage resistance rated value protection class IP of the terminal lip20 degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-6 10 500 Hz: 5g	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm Metal, shiny,	product designation	Indicator lights
product line manufacturer's article number • of supplied LED module • of the supplied holder • of supplied repeater Sult401-1BC20-3AA0 Sult550-0AA10-0AA0 Sult550-0AA10 Sult550-0A	design of the product	Complete unit
manufacturer's article number of supplied LED module of the supplied holder of supplied repeater 3SU1550-0AA10-0AA0 supplied repeater 3SU1051-6AA20-0AA0 Enclosure number of command points 1 Actuator product extension optional light source of the actuating element red material of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper case Front ring product component front ring Metal No Holder material of the holder Metal Sisplay 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 of the terminal lip20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • acc. to IEC 60068-2-27 vibration resistance	product type designation	3SU1
of supplied LED module of the supplied holder of supplied repeater 3SU1550-0AA10-0AA0 of supplied repeater 3SU1051-6AA20-0AA0 Enclosure number of command points 1 Actuator product extension optional light source color of the actuating element shape of the actuating element plastic shape of the actuating element outer diameter of the actuating element Any inscription, text in upper case Front ring product component front ring Holder material of the holder Metal 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 of the terminal degree of protection NEMA rating shock resistance • acc. to ICE G0068-2-27 Sinusoidal half-wave 50g / 11 ms **Veryond to Surviva Surv	product line	Metal, shiny, 22 mm
of the supplied holder of supplied repeater 3SU1051-6AA20-0AA0 Enclosure number of command points Actuator product extension optional light source of the actuating element material of the actuating element round outer diameter of the actuating element arring product component front ring No Holder material of the holder Metal Display number of LED modules 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 • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms versure accusting sulpida voltage resistance sistance • Sinusoidal half-wave 50g / 11 ms vibration resistance Surge voltage resistance • Sinusoidal half-wave 50g / 11 ms vibration resistance	manufacturer's article number	
of supplied repeater Enclosure number of command points 1 Actuator product extension optional light source of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element product component front ring No Holder material of the holder Metal Display number of LED modules feneral technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value degree of protection NEMA rating new of surge voltage resistance o acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms verse Ves Sinusoidal half-wave 50g / 11 ms Verse Ves Sinusoidal half-wave 50g / 11 ms Verse Ves Sinusoidal half-wave 50g / 11 ms	 of supplied LED module 	3SU1401-1BC20-3AA0
Enclosure number of command points 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 Any inscription, text in upper case Front ring product component front ring No Holder material of the holder Metal 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 • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms	 of the supplied holder 	3SU1550-0AA10-0AA0
number of command points 1 Actuator product extension optional light source Yes color • of the actuating element red material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element Any inscription, text in upper case Front ring product component front ring No Holder material of the holder Metal 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 Hofe, IP66, IP67, IP69(IP69K) • of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms	 of supplied repeater 	3SU1051-6AA20-0AA0
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 marking of the actuating element Any inscription, text in upper case Front ring product component front ring No Holder material of the holder Metal 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 • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms	Enclosure	
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 marking of the actuating element arking of the actuating element Pront ring product component front ring holder material of the holder Metal Display number of LED modules 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 o acc. to IEC 60068-2-27 vibration resistance	number of command points	1
color • of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element product diameter of the actuating element Any inscription, text in upper case Front ring product component front ring No Holder material of the holder Metal 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 • acc. to IEC 60068-2-27 vibration resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms	Actuator	
● of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element Front ring product component front ring No Holder material of the holder Display number of LED modules foeneral technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value degree of protection class IP of the terminal degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 vibration resistance	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 Any inscription, text in upper case Front ring product component front ring Metal 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 class IP of the terminal degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance	color	
shape of the actuating element outer diameter of the actuating element marking of the actuating element Pront ring product component front ring No Holder material of the holder Metal 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 • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance	of the actuating element	red
outer diameter of the actuating element marking of the actuating element Any inscription, text in upper case 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 • acc. to IEC 60068-2-27 Volume of the terminal voltage rated value (29.45 mm) 29.45 mm Any inscription, text in upper case Metal 29.45 mm Any inscription, text in upper case Peacl of the holder Metal 1 29.45 mm Any inscription, text in upper case 1 29.45 mm Any inscription, text in upper case Peacl of the holder Metal 1 29.45 mm Any inscription, text in upper case Peacl of head Peacl of head 1 29.45 mm Any inscription, text in upper case Peacl of head 1 29.45 mm Any inscription, text in upper case Peacl of head 1 29.45 mm Any inscription, text in upper case Peacl of head 1 29.45 mm Any inscription, text in upper case Peacl of head 1 29.45 mm Any inscription, text in upper case Peacl of head 1 29.45 mm Any inscription, text in upper case Peacl of head Peacl of head 1 29.45 mm Any inscription, text in upper case	material of the actuating element	plastic
marking of the actuating element Front ring product component front ring No 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 protection class IP of the terminal degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance	shape of the actuating element	round
Front ring product component front ring No Holder material of the holder Metal 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 • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms	outer diameter of the actuating element	29.45 mm
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 • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance	marking of the actuating element	Any inscription, text in upper case
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 • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms	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 protection class IP ip66, IP67, IP69(IP69K) of the terminal degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance	product component front ring	No
Display number of LED modules General technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value 4 kV protection class IP iP66, IP67, IP69(IP69K) of the terminal lP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance	Holder	
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 o acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms	material of the holder	Metal
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		
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP if the terminal degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 Ves 320 V 4 kV IP66, IP67, IP69(IP69K) IP20 IP20 1, 2, 3, 3R, 4, 4X, 12, 13 Shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms	Display	
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 o acc. to IEC 60068-2-27 Vibration resistance		1
degree of pollution surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating shock resistance o acc. to IEC 60068-2-27 Vibration resistance 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms	number of LED modules	1
surge voltage resistance rated value protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance o acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance	number of LED modules General technical data	
protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of acc. to IEC 60068-2-27 Vibration resistance IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms	number of LED modules General technical data product component light source	Yes
● of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance ● acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance	number of LED modules General technical data product component light source insulation voltage rated value	Yes 320 V
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance	number of LED modules General technical data product component light source insulation voltage rated value degree of pollution	Yes 320 V 3
shock resistance	number of LED modules General technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value	Yes 320 V 3 4 kV
• acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms vibration resistance	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	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K)
vibration resistance	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	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20
	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	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20
• acc. to IEC 60068-2-6 10 500 Hz: 5g	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	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13
	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 acc. to IEC 60068-2-27	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms

reference code acc. to IEC 81346-2	Р
Supply voltage	
	A.C.
type of voltage of the supply voltage of the light source	AC
 supply voltage 1 of the light source at AC at 50 Hz rated value 	110 V
 supply voltage 1 of the light source at AC at 60 Hz rated value 	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 of modules and accessories	Spring-type terminal
type of connectable conductor cross-sections	
 solid without core end processing 	2x (0.25 1.5 mm²)
 finely stranded with core end processing 	2x (0.25 0.75 mm²)
 finely stranded without core end processing 	2x (0.25 1.5 mm²)
 at AWG cables 	2x (24 16)
tightening torque of the screws in the bracket	1 1.2 N·m
Lamp	
type of light source	LED
color of the light source	red
light intensity	450 1 120 mcd
Ambient conditions	
 ambient temperature during operation 	-25 +70 °C
 ambient temperature during storage 	-40 +80 °C
environmental category during operation acc. 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 panel 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=3SU1153-6AA20-3AA0-Z Y11

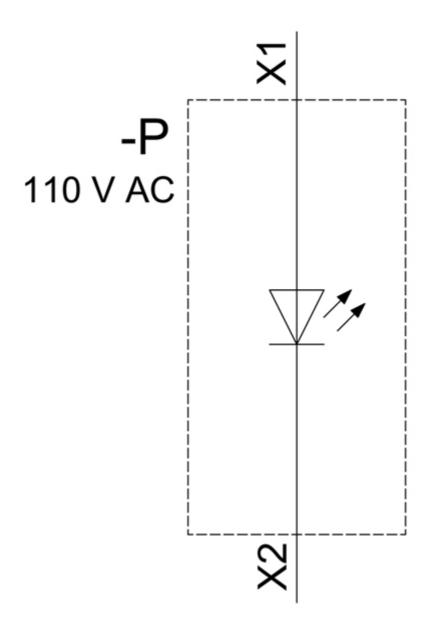
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1153-6AA20-3AA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-6AA20-3AA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1153-6AA20-3AA0-Z Y11&lang=en



last modified: 8/31/2020 🖸