3SU1153-6AA20-1AA0-Z Y15

Data sheet



Indicator lights, 22 mm, round, metal, shiny, red, lens, smooth, with holder, LED module with integrated LED 110 V AC, screw terminal, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product designation design of the product product type designation product type designation product type designation assur product type designation product line manufacturer's article number of supplied LED module of the supplied holder supplied repeater assure number of command points 1 Actuator product extension optional light source color of the actuating element material of the actuating element marking of the actuating element Metal Display No Holdor Metal Display number of LED modules General technical data product component light source insulation voltage rated value 4 kV product component light source insulation voltage rasistance rated value 4 kV protection class IP • of the terminal degree of pollution surge voltage resistance rated value • of the terminal edgere of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • acc. to IEC 600082-227 Sinusoidal half-wave 50g / 11 ms	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm manufacturer's article number • of supplied LED module • of the supplied holder • of supplied repeater • of supplied repeater • of supplied repeater • of supplied repeater 3SU1051-6AA20-0AA0 5Enclosure number of command points 1 Actuator product extension optional light source color • of the actuating element	product designation	Indicator lights
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number of command points 1 Actuator product extension optional light source Yes color	 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 product extension optional light source outer diameter of the actuating element any inscription, text in upper/lower case, all words begin with upper case letters Front ring 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 3 surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating shock resistance of acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms	Enclosure	
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color	Actuator	
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marking of the actuating element Any inscription, text in upper/lower case, all words begin with upper case letters 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 protection class IP of the terminal degree of protection NEMA rating shock resistance of acc. to IEC 60068-2-27 Any inscription, text in upper/lower case, all words begin with upper case letters Any inscription, text in upper/lower case, all words begin with upper case letters Any inscription, text in upper/lower case, all words begin with upper case letters Any inscription, text in upper/lower case, all words begin with upper case letters Metal Display 1 4 Fes insulation voltage rated value 4 kV Frotection class IP of the terminal IP20 Sinusoidal half-wave 50g / 11 ms	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 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 protection class IP of the terminal degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 Metal Metal No Metal No Metal 1 4 Pes insulation 1 insulation 1 insulation voltage rated value 320 V 4 kV Insulation voltage resistance rated value 4 kV Insulation 1 Insulation voltage resistance 2 insulation voltage resistance 320 V 4 kV Insulation voltage resistance 1 insulation voltage resistance 1 insulation voltage resistance 2 insulation voltage resistance 3 insulation voltage resistance 4 insulation voltage resistance 5 insulation voltage resistance 6 insulation voltage resistance 7 insulation voltage resistance 9 insulation voltage resistance 9 insulation voltage resistance 1 insulation voltage resistance 2 insulation voltage resistance 3 insulation voltage resistance 3 insulation voltage resistance 3 insulation voltage resistance 4 insulation voltage resistance 5 insulation voltage resistance 6 insulation voltage resistance 7 insulation	marking of the actuating element	
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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 protection class IP of the terminal degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 1 1 1 1 1 1 1 1 1 1 1 1	Holder	
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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 shock resistance • acc. to IEC 60068-2-27 Yes 320 V 4 kV IP66, IP67, IP69(IP69K) IP66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 IP20 IP20 IP20 IP20	Display	
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 • acc. to IEC 60068-2-27 Yes 120 V 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
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 60068-2-27 320 V 380 V 180 IP66, IP67, IP69(IP69K) IP20 1920	General technical data	
degree of pollution surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating shock resistance of acc. to IEC 60068-2-27 I 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms	product component light source	Yes
surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating shock resistance of acc. to IEC 60068-2-27 shock resistance Sinusoidal half-wave 50g / 11 ms	insulation voltage rated value	320 V
protection class IP of the terminal lP20 degree of protection NEMA rating shock resistance of acc. to IEC 60068-2-27 IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms	degree of pollution	3
● 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	surge voltage resistance rated value	4 kV
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	protection class IP	IP66, IP67, IP69(IP69K)
shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms	of the terminal	IP20
• acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
	shock resistance	
vibration resistance	• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
	vibration resistance	

• acc. to IEC 60068-2-6	10 500 Hz: 5g	
reference code acc. to IEC 81346-2	P	
Supply voltage		
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	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	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=3SU1153-6AA20-1AA0-Z Y15

Cax online generator

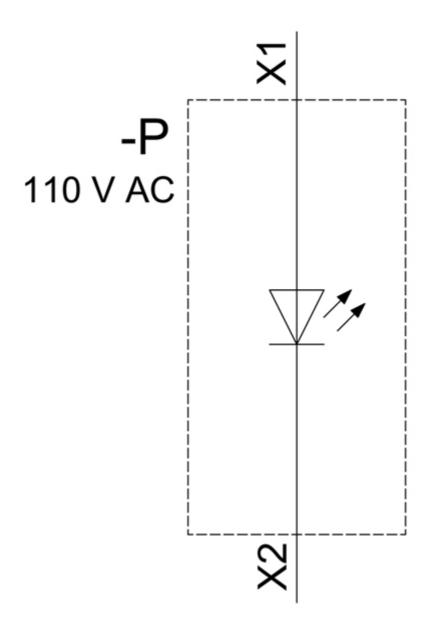
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1153-6AA20-1AA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-6AA20-1AA0-Z Y15

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1153-6AA20-1AA0-Z Y15&lang=en



last modified: 8/31/2020 🖸