3SU1153-6AA00-1AA0

## **Data sheet**



Indicator lights, 22 mm, round, metal, shiny, amber, lens, smooth, with holder, LED module with integrated LED 110 V AC, screw terminal

product designation design of the product Complete unit product type designation product type designation product type designation  manufacturer's article number  • of supplied LED module • of the supplied holder • of supplied repeater  • of supplied repeater  assut 550-0AA10-0AA0  2sut 550-0AA10-0AA0  2sut 550-0AA10-0AA0  assut 550-0AA10-0AA0  Color  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 pront ring product component front ring  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 3 surge voltage resistance rated value degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 referenered reference does one of the color of t	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  sulfacturer's article number  of supplied repeater  sulfacturer's article number of supplied repeater  number of command points  1  Actuator  product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element outer diameter of the actuating element product component front ring 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 degree of protection NEMA rating shock resistance  a according to IEC 60068-2-6 substance Prohibitance (Date)  substance Prohibitance (Date)  sulfaction (Date)  10/10/12014	design of the product	Complete unit
manufacturer's article number  of supplied LED module of the supplied holder of supplied LED module of supplied repeater 3SU1550-0AA10-0AA0  Su1051-6AA00-0AA0  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 product component front ring product component front ring No Holder material of the holder plastic  Sundard the holder product component ight source yes 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 Foot RMA rating holder sinusoidal half-wave 15g / 11 ms profection resistance of scording to IEC 60068-2-6 substance Prohibitance (Date) 10/10/2014	product type designation	3SU1
of supplied LED module     of the supplied holder     of supplied repeater     of supplied repeater      sulfs50-0AA10-0AA0      sulfs50-0AA0      sulfs50-0AA10-0AA0      sulfs50-0AA0	product line	Metal, shiny, 22 mm
of the supplied holder     of supplied repeater     asutiost-6AA00-0AA0     of supplied repeater  Inumber of command points  Actuator  product extension optional light source color     of the actuating element material of the actuating element shape of the actuating element couter diameter of the actuating element product component front ring  Front ring product component front ring  Holder  Display number of LED modules  I 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 60145-10-10-10-10-10-10-10-10-10-10-10-10-10-	manufacturer's article number	
of supplied repeater  Enclosure  number of command points  Actuator  product extension optional light source color     of the actuating element	<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BC00-1AA0
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 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 • according to IEC 60068-2-6 reference code according to IEC 61346-2 Substance Prohibitance (Date)  Insulation (Date)  1  Actuation Yes cond Actuation Actuation Appendix	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
number of command points 1  Actuator  product extension optional light source Yes  color  • of the actuating element amber material of the actuating element plastic shape of the actuating element pround outer diameter of the actuating element Pront 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 60068-2-6 10 500 Hz: 5g  reference code according to IEC 81346-2 P  Substance Prohibitance (Date) 10/01/2014	<ul> <li>of supplied repeater</li> </ul>	3SU1051-6AA00-0AA0
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 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 degree of protection NEMA rating the product component on NEMA rating shock resistance  • according to IEC 60068-2-6 reference code according to IEC 60068-2-6 reference code according to IEC 60068)  amber	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 product component 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 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)  amber	number of command points	1
color	Actuator	
of the actuating element     material of the actuating element     shape of the actuating element     outer diameter of the actuating element     29.45 mm  Front ring  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  • according to IEC 60068-2-7  vibration resistance  • according to IEC 60068-2-6  reference code according to IEC 81346-2  Substance Prohibitance (Date)  round  nound  plastic  Plasti	product extension optional light source	Yes
material of the actuating element shape of the actuating element outer diameter of the actuating element  Pront 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 320 V  degree of pollution 3 surge voltage resistance rated value 4 kV protection class IP of the terminal eggee of protection NEMA rating 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)	color	
shape of the actuating element  outer diameter of the actuating element  Pront ring  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  of the terminal  product component light source  insulation voltage resistance rated value  4 kV  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)	of the actuating element	amber
outer diameter of the actuating element  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 60068-2-7  vibration resistance  • according to IEC 60068-2-6  reference code according to IEC 81346-2  Substance Prohibitance (Date)  No  Plastic  Plastic  1  Avo  Presiman  1  1  1  1  1  1  1  1  1  1  1  1  1	material of the actuating element	plastic
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  o according to IEC 60068-2-7 sinusoidal half-wave 15g / 11 ms  vibration resistance  o 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  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  • according to IEC 60068-2-27  vibration resistance  • according to IEC 60068-2-6  reference code according to IEC 81346-2  Substance Prohibitance (Date)	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  vibration resistance • according to IEC 60068-2-6  reference code according to IEC 81346-2 Substance Prohibitance (Date)  Plastic  1  Plastic  Plastic  Plestic  Yes  320 V  4 kV  Prote  Ple6, IP67, IP69(IP69K)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  • according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms	Front ring	
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 in the terminal	product component front ring	No
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 if the terminal 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 Composition  1 Composition 1 Co	Holder	
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 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 reference code according to IEC 81346-2 P Substance Prohibitance (Date)  10/01/2014	material of the holder	Plastic
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 1P66, 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 P Substance Prohibitance (Date) 10/01/2014	Display	
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 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)  Yes 320 V	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  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  Substance Prohibitance (Date)  320 V  4 kV  POSO IP69(IP69K)  1P20  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms	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  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  Substance Prohibitance (Date)  3  3  4 kV  IP69(IP69K)  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms	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  sinusoidal half-wave 15g / 11 ms  vibration resistance  according to IEC 60068-2-6  reference code according to IEC 81346-2  Substance Prohibitance (Date)	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 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 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  vibration resistance  ● according to IEC 60068-2-6  reference code according to IEC 81346-2  Substance Prohibitance (Date)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms  vibration resistance  ● according to IEC 60068-2-6  10 500 Hz: 5g  P  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  • 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)  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms  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  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     10 500 Hz: 5g  reference code according to IEC 81346-2  Substance Prohibitance (Date)  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	-
	reference code according to IEC 81346-2	P
	Substance Prohibitance (Date)	10/01/2014
Supply voltage	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 %
ontrol circuit/ Control	
inrush current maximum	3 A
onnections/ Terminals	
type of electrical connection	other
of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	21
<ul> <li>solid with core end processing</li> </ul>	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)
<ul> <li>finely stranded without core end processing</li> </ul>	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
amp	
type of light source	LED
color of the light source	amber
light intensity	900 1 400 mcd
mbient 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)
stallation/ 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
41 11 4	22.3 mm
mounting diameter	
positive tolerance of installation diameter	0.4 mm
	0.4 mm 11.8 mm
positive tolerance of installation diameter	

## **General Product Approval**

Declaration of Conformity





Confirmation







Declaration of Conformity

**Test Certificates** 

Marine / Shipping



Type Test Certificates/Test Report











Confirmation

**Environmental Con**firmations

## **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=3SU1153-6AA00-1AA0

Cax online generator

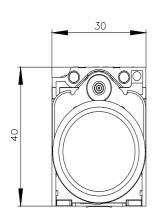
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1153-6AA00-1AA0

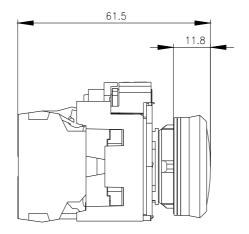
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

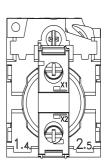
https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-6AA00-1AA0

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1153-6AA00-1AA0&lang=en







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1/26/2022