3SU1201-6AC00-1AA0

Data sheet



Indicator lights, compact, 22 mm, round, plastic, amber, lens, smooth, with holder, Operating voltage 110 V AC, screw terminal

product brand name	SIRIUS ACT
product designation	Indicator lights
design of the product	Compact unit
product type designation	3SU1
product line	Plastic, black, 22 mm
manufacturer's article number of the supplied holder	3SU1500-0AA10-0AA0
Enclosure	
shape of the enclosure front	round
Actuator	
product extension optional light source	No
color	
of the actuating element	amber
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.5 mm
Front ring	
product component front ring	No
Holder	
material of the holder	Plastic
General technical data	
product component light source	Yes
	Yes 320 V
product component light source	
product component light source insulation voltage rated value	320 V
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value consumed current maximum	320 V 3
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value	320 V 3 4 kV 20 mA IP66, IP67, IP69(IP69K)
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value consumed current maximum	320 V 3 4 kV 20 mA IP66, IP67, IP69(IP69K) IP20, clamping screw tightened
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value consumed current maximum protection class IP	320 V 3 4 kV 20 mA IP66, IP67, IP69(IP69K)
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value consumed current maximum protection class IP • of the terminal	320 V 3 4 kV 20 mA IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value consumed current maximum protection class IP • of the terminal degree of protection NEMA rating	320 V 3 4 kV 20 mA IP66, IP67, IP69(IP69K) IP20, clamping screw tightened
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value consumed current maximum protection class IP • of the terminal degree of protection NEMA rating shock resistance	320 V 3 4 kV 20 mA IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value consumed current maximum protection class IP	320 V 3 4 kV 20 mA IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms Category 1, Class B
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value consumed current maximum protection class IP	320 V 3 4 kV 20 mA IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms Category 1, Class B
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value consumed current maximum protection class IP of the terminal degree of protection NEMA rating shock resistance of acc. to IEC 60068-2-27 of or railway applications acc. to DIN EN 61373 vibration resistance of acc. to IEC 60068-2-6 of or railway applications acc. to DIN EN 61373	320 V 3 4 kV 20 mA IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms Category 1, Class B 10 500 Hz: 5g Category 1, Class B
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value consumed current maximum protection class IP	320 V 3 4 kV 20 mA IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms Category 1, Class B 10 500 Hz: 5g Category 1, Class B
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value consumed current maximum protection class IP of the terminal degree of protection NEMA rating shock resistance of acc. to IEC 60068-2-27 of or railway applications acc. to DIN EN 61373 vibration resistance of acc. to IEC 60068-2-6 of or railway applications acc. to DIN EN 61373	320 V 3 4 kV 20 mA IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms Category 1, Class B 10 500 Hz: 5g Category 1, Class B

	_
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
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	screw-type terminals
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 1 N·m
Lamp	
type of light source	LED
type of light source color of the light source	LED amber
color of the light source	amber
color of the light source light intensity	amber
color of the light source light intensity Ambient conditions	amber 450 1 120 mcd
color of the light source light intensity Ambient conditions • ambient temperature during operation	amber 450 1 120 mcd -25 +70 °C
color of the light source light intensity Ambient conditions • ambient temperature during operation • ambient temperature during storage environmental category during operation acc. to IEC	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95 %, no
color of the light source light intensity Ambient conditions • ambient temperature during operation • ambient temperature during storage environmental category during operation acc. to IEC 60721	-25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95 %, no
color of the light source light intensity Ambient conditions • ambient temperature during operation • ambient temperature during storage environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions	amber 450 1 120 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95 %, no condensation in operation permitted for all devices behind front panel)
color of the light source light intensity Ambient conditions • ambient temperature during operation • ambient temperature during storage environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions height	amber 450 1 120 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95 %, no condensation in operation permitted for all devices behind front panel) 40 mm
color of the light source light intensity Ambient conditions • ambient temperature during operation • ambient temperature during storage environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions height width	amber 450 1 120 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95 %, no condensation in operation permitted for all devices behind front panel) 40 mm 30 mm
color of the light source light intensity Ambient conditions • ambient temperature during operation • ambient temperature during storage environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions height width shape of the installation opening	amber 450 1 120 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95 %, no condensation in operation permitted for all devices behind front panel) 40 mm 30 mm round
color of the light source light intensity Ambient conditions • ambient temperature during operation • ambient temperature during storage environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions height width shape of the installation opening mounting diameter	amber 450 1 120 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95 %, no condensation in operation permitted for all devices behind front panel) 40 mm 30 mm round 22.3 mm
color of the light source light intensity Ambient conditions • ambient temperature during operation • ambient temperature during storage environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions height width shape of the installation opening mounting diameter positive tolerance of installation diameter	amber 450 1 120 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95 %, no condensation in operation permitted for all devices behind front panel) 40 mm 30 mm round 22.3 mm 0.4 mm
color of the light source light intensity Ambient conditions • ambient temperature during operation • ambient temperature during storage environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions height width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height	amber 450 1 120 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95 %, no condensation in operation permitted for all devices behind front panel) 40 mm 30 mm round 22.3 mm 0.4 mm 12.9 mm

General Product Approval

Declaration of Conformity











Miscellaneous

Test Certificates

other

Special Test Certificate Type Test
Certificates/Test
Report

Confirmation

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=3SU1201-6AC00-1AA0

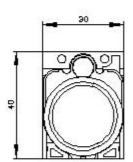
Cax online generator

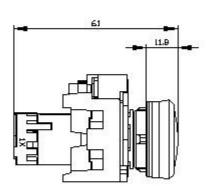
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1201-6AC00-1AA0

 ${\bf Service \& Support\ (Manuals,\ Certificates,\ Characteristics,\ FAQs,...)}$

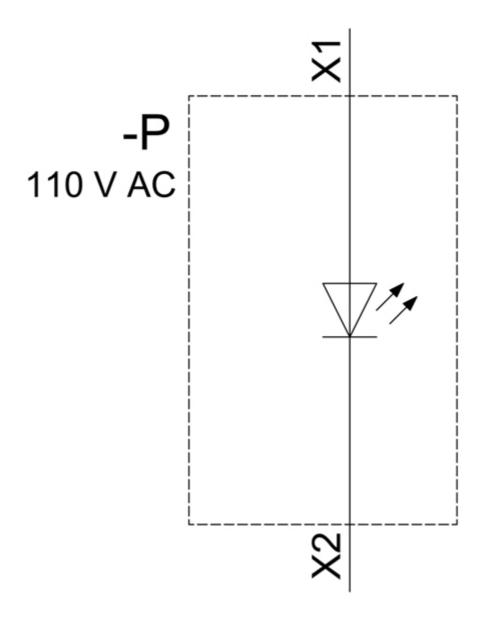
https://support.industry.siemens.com/cs/ww/en/ps/3SU1201-6AC00-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SU1201-6AC00-1AA0&lang=en









last modified: 12/15/2020 🖸