3SU1201-6AB70-1AA0

Data sheet



Indicator lights, compact, 22 mm, round, plastic, clear, lens, smooth, with holder, Operating voltage 24 V AC/DC, screw terminal

product designation design of the product product type designation product line product line manufacturer's article number of the supplied holder Enclosure shape of the enclosure front Actuator product extension optional light source of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element product component front ring product component front ring No Holder material of the holder Plastic 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 elege of protection NEMA rating shock resistance e acc. to IEC 60068-2-27 e for railway applications acc. to DIN EN 61373 category 1, Class B over reference code acc. to IEC 81346-2 P Indicator lights SUT 1 Compact unit Plastic, black, 22 mm aSU1500-0AA10-0AA0 Eleastic, black, 22 mm asu1500-0AA10-0AA0 Row asu1500-0AA10-0AA0 Plastic, black, 22 mm asu1500-0AA10-0AA0 Plastic, 23 mm asu1500-0AA10-0AA0 Plastic, 24 mm asu1500-0AA10 Plastic, 25 mm asu1500-0AA10 Plastic, 25 mm asu1500-0AA10 Plastic, 25	product brand name	SIRIUS ACT
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consumed current maximum protection class IP of the terminal lP20, clamping screw tightened	degree of pollution	3
protection class IP of the terminal lP20, clamping screw tightened 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 ofor railway applications acc. to DIN EN 61373 category 1, Class B vibration resistance o acc. to IEC 60068-2-6 ofor railway applications acc. to DIN EN 61373 Category 1, Class B operating period typical reference code acc. to IEC 81346-2 P	surge voltage resistance rated value	4 kV
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degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 Category 1, Class B 10 500 Hz: 5g Category 1, Class B operating period typical 100 000 h reference code acc. to IEC 81346-2	protection class IP	IP66, IP67, IP69(IP69K)
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for railway applications acc. to DIN EN 61373 category 1, Class B vibration resistance	shock resistance	
vibration resistance	• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
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● for railway applications acc. to DIN EN 61373 Category 1, Class B operating period typical reference code acc. to IEC 81346-2 P	vibration resistance	
operating period typical 100 000 h reference code acc. to IEC 81346-2 P	• acc. to IEC 60068-2-6	10 500 Hz: 5g
reference code acc. to IEC 81346-2	 for railway applications acc. to DIN EN 61373 	Category 1, Class B
	operating period typical	100 000 h
Supply voltage	reference code acc. to IEC 81346-2	Р
	Supply voltage	

type of voltage of the supply voltage of the light source	AC/DC
supply voltage of the light source at AC	
 at 50 Hz rated value 	24 V
at 60 Hz rated value	24 V
supply voltage of the light source at DC	
rated value	24 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
color of the light source	white
light intensity	900 1 400 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	
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	12.9 mm
installation width	29.5 mm
installation depth	49.6 mm
Certificates/ approvals	

General Product Approval Declaration of Conformity Test Certificates









Miscellaneous

Type Test Certificates/Test Report

Test Certificates

other

Special Test Certificate Confirmation

urther 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=3SU1201-6AB70-1AA0

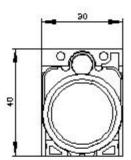
Cax online generator

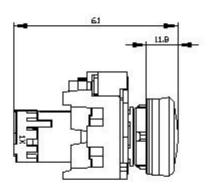
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1201-6AB70-1AA0

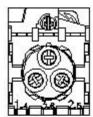
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

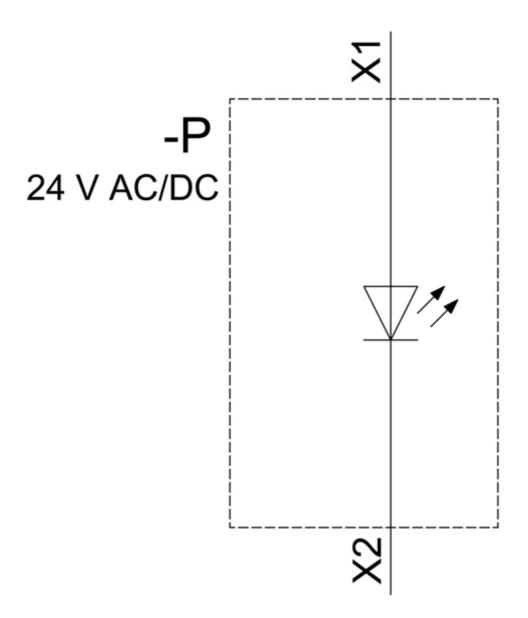
https://support.industry.siemens.com/cs/ww/en/ps/3SU1201-6AB70-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SU1201-6AB70-1AA0&lang=en









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