SIEMENS

Data sheet

3SU1156-6AA50-1AA0



Indicator lights, 22 mm, round, metal, shiny, blue, lens, smooth, with holder, LED module with integrated LED 230 V AC, screw terminal

product frand name SRIUS ACT product design aftin on Indicator lights design of the product Complete unit product type designation 3SU1 product line Metal, shiny, 22 mm manufacturer's article number SU1401-18F50-1AA0 • of supplied teD module 3SU150-0AA10-0AA0 • of supplied repeater 3SU1051-6AA50-0AA0 • of one mand points 1 Actuator Tumber of command points Actuator 1 Actuator Product extension optional light source • of the actuating element blue material of the actuating element plastic ring product component front ring No Metadot Front ring No Moduct component front ring No Moduct component front ring 1 Product component front ring No Moduct component front ring 1 General technical data 1 general of the holder Plastic Display 3 material of		
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manufacturer's article number SSU1401:1BF50-1AAQ • of supplied LDD module SSU150:0AA10:0AAQ • of supplied holder SSU150:0AA10:0AAQ • of supplied repeater SSU1051:6AA50:0AAQ Enclosure Imaterial of the actuating element product extension optional light source Yes color of the actuating element plastic round shape of the actuating element plastic shape of the actuating element plastic product component front ring No Holder Imaterial of the actuating element product component front ring No Holder Imaterial of the holder Display Imaterial of the holder product component light source Yes Insulation voltage rated value 320 V degree of pollution 3 surge voltage resistance rated value 4kV protection class IP of the terminal IP20 degree of protection RMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms vibration resistance sinusoidal half-wave 15g / 11 ms <td>product type designation</td> <td>3SU1</td>	product type designation	3SU1
• of supplied LED module 3SU1401-18F50-1AAQ • of the supplied holder 3SU1550-0AA10-0AAQ • of supplied repeater 3SU1051-6AA60-0AAQ Enclosure Immber of command points 1 Actuator Immber of command points 1 Product extension optional light source Yes Yes color • of the actuating element plastic inaterial of the actuating element plastic 1 shape of the actuating element 29.45 mm 1 product extension optional light source Yes Yes outer diameter of the actuating element 29.45 mm 1 product component front ring No 1 Holder Plastic 1 material of the holder Plastic 1 Display Immber of LED modules 1 General technical data Yes 1 Insulation voltage rated value 320 V 3 degree of pollution 3 3 3 surge voltage resistance rated value 4 kV 1 1 protection class IP of the terminal IP20 4	product line	Metal, shiny, 22 mm
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• of supplied repeater 2SU1051-6AA50-0AA0 Enclosure	 of supplied LED module 	<u>3SU1401-1BF50-1AA0</u>
Enclosure 1 Actuator	 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>
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production protocol300insulation voltage rated value320 Vdegree of pollution3surge voltage resistance rated value4 kVprotection class IPIP66, IP67, IP69(IP69K)protection class IP of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• according to IEC 60068-2-27vibration resistance10 500 Hz: 5g	General technical data	
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degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance inusoidal half-wave 15g / 11 ms vibration resistance inusoidal half-wave 15g / 11 ms • according to IEC 60068-2-6 10 500 Hz: 5g	protection class IP	IP66, IP67, IP69(IP69K)
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• according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms vibration resistance 10 500 Hz: 5g	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistance 10 500 Hz: 5g	shock resistance	
• according to IEC 60068-2-6 10 500 Hz: 5g	 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
	vibration resistance	
reference code according to IEC 81346-2 P	 according to IEC 60068-2-6 	10 500 Hz: 5g
	reference code according to IEC 81346-2	Р

Substance Prohibitance (Date)	10/01/2014
SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8
	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5
Weight	58 g
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	230 V
• at 60 Hz rated value	230 V
at 60 Hz rated value	230 230 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	other
of modules and accessories	
	Screw-type terminal
type of connectable conductor cross-sections	$2 \times (0.5 - 0.75 \text{ mm}^2)$
solid with core and processing	2x (0.5 0.75 mm ²)
solid without core end processing	2x (1.0 1.5 mm ²)
finely stranded with core end processing	2x (0.5 1.5 mm ²)
finely stranded without core end processing	2x (1,0 1,5 mm ²)
for 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	blue
light intensity	280 710 mcd
Ambient 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)
Environmental footprint	
Environmental Product Declaration(EPD)	Yes
global warming potential [CO2 eq] total	0.593 kg
global warming potential [CO2 eq] during manufacturing	0.625 kg
global warming potential [CO2 eq] during operation	0.235 kg
global warming potential [CO2 eq] after end of life	-0.267 kg
Siemens Eco Profile (SEP)	Siemens EcoTech
Installation/ 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
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
Approvals Certificates	
General Product Approval	





UK CA **Confirmation**







Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1156-6AA50-1AA0

Cax online generator

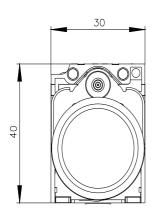
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1156-6AA50-1AA0

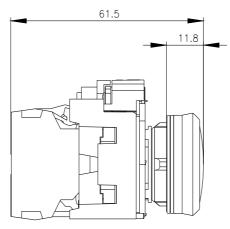
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

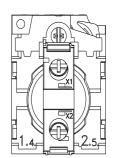
https://support.industry.siemens.com/cs/ww/en/ps/3SU1156-6AA50-1AA0

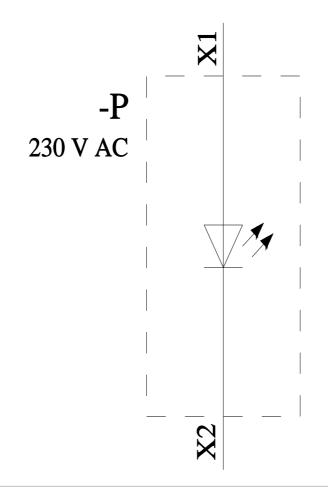
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1156-6AA50-1AA0&lang=en









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3/11/2024 🖸