## 3SU1102-6AA30-1AA0-Z Y11

## **Data sheet**



Indicator lights, 22 mm, round, plastic, yellow, lens, smooth, with holder, LED module, with integrated LED 24 V AC/DC, screw terminal, with laser labeling, upper case

product designation design of the product Complete unit product type designation 3SU1 product type designation 3SU1 product line Plastic, black, 22 mm manufacturer's article number • of supplied LED module • of the supplied LED module • of supplied repeater 3SU1401-1B830-1AAQ • of supplied repeater  sulton-6AA30-0AAQ  Enclosure number of command points 1 Actuator product extension optional light source color • of the actuating element product extension optional light source plastic shape of the actuating element outer diameter of the actuating element product diameter of the actuating element outer diameter of the actuating element product component front ring No Holder material of the holder product component fight source  Seneral technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value e according to IEC 60068-2-27 e for railway applications according to EN 61373 Category 1, Class B	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm  manufacturer's article number  of supplied LED module of the supplied holder of supplied repeater  Enclosure number of command points  Actuator product extension optional light source  color of the actuating element material of the actuating element marking of the actuating element marking of the actuating element product component front ring product component front ring Plastic  Plastic  Plastic  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 e according to IEC 60068-2-6  voltagiony vibration resistance e according to IEC 60068-2-6  10 500 Hz: 5g  vibration resistance e according to IEC 60068-2-6  voltagious SU1401-1BB30-1AA0 3SU1401-1BB30-1AA0 3SU150-0AA10-0AA0 3SU1601-6AA30-0AA0  Pes  vellow yellow yello	product designation	Indicator lights
product line manufacturer's article number  of supplied LED module of the supplied holder supplied repeater  number of command points  1  Actuator  product extension optional light source color of the actuating element plastic outer diameter of the actuating element outer diameter of the actuating element marking of the actuating element product component front ring No  Holder material of the holder product component light source  product component light source  product component light source  product component light source material of the holder product component light source supplied to the holder product component light source product compo	design of the product	Complete unit
manufacturer's article number  of supplied LED module of the supplied holder supplied holder supplied repeater sultation of supplied holder sultation of supplied holder sultation of supplied holder sultation of supplied repeater sultation of supplied repeater  number of command points 1  Actuator  product extension optional light source of the actuating element yellow material of the actuating element plastic shape of the actuating element outer diameter of the actuating element arking of the actuating element Any inscription, text in upper case  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 4 kV protection class IP of the terminal IP20  degree of protection NEMA rating shock resistance • according to IEC 60068-2-6  • according to IEC 60068-2-6  10 500 Hz: 5g	product type designation	3SU1
of supplied LED module     of the supplied holder     of supplied repeater     of supplied repeater     sulfs50-0AA10-0AA0     of supplied repeater      mumber of command points     1      Actuator     product extension optional light source     color     of the actuating element     plastic     shape of the actuating element     outer diameter of the actuating element     product component front ring     Product component front ring     Product component front ring     Possible     Moder     material of the holder     Display     number of LED modules     foneral technical data     product component light source     yes     insulation voltage rated value     degree of pollution     surge voltage resistance rated value     degree of protection NEMA rating     shock resistance     according to IEC 60068-2-27     for railway applications according to EN 61373     vibration resistance     according to IEC 60068-2-6     10 500 Hz: 5g	product line	Plastic, black, 22 mm
of the supplied holder     of supplied repeater     asulton-6AA30-0AA0      in supplied repeater      number of command points     1  Actuator  product extension optional light source     of the actuating element     wellow material of the actuating element     plastic shape of the actuating element     outer diameter of the actuating element     marking of the actuating element     Any inscription, text in upper case  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     insulations applications according to EN 61373  Vibration resistance     o according to IEC 60068-2-6  10 500 Hz: 5g  Vibration resistance     o according to IEC 60068-2-6  10 500 Hz: 5g	manufacturer's article number	
• of supplied repeater  Enclosure  number of command points  Actuator  product extension optional light source  • of the actuating element material of the actuating element marking of the actuating element product component front ring  Plastic  Display  number of LED modules  feneral technical data product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value elege of protection NEMA rating substance e according to IEC 60068-2-6  • according to IEC 60068-2-6	<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BB30-1AA0
Interpretation of the actuating element product extension optional light source of the actuating element put outer diameter of the actuating element outer diameter of the actuating element Any inscription, text in upper case  Front ring product component front ring No 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) e of the terminal IP20 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance e according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance e according to IEC 60068-2-6  10 500 Hz: 5g	<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 yellow material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element Any inscription, text in upper case  Front 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 1P20  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	<ul> <li>of supplied repeater</li> </ul>	3SU1001-6AA30-0AA0
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 extension of the actuating element outer diameter of the actuating element Any inscription, text in upper case Front 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 insulation voltage rated value 320 V 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 60068-2-6 surger of Hamber of Les of Hamber of	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 Holder material of the holder  product component front ring  No  Holder material of the holder  Plastic  Display number of LED modules  General technical data product component light source insulation voltage rated value 4 kV protection class IP of the terminal degree of protection NEMA rating to the Co068-2-27 of or railway applications according to EN 61373  vibration resistance of according to IEC 60068-2-6  over the terminal over the the trail over the terminal over the terminal over the the trail over the terminal over the the trail over the trail over the terminal over the trail over the tr	number of command points	1
color  • of the actuating element  material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text in upper case  Front 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 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 60068-2-6  • according to IEC 60068-2-6  10 500 Hz: 5g	Actuator	
• 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 final technical data product component light source insulation voltage rated value 4 kV protection class IP of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-6	product extension optional light source	Yes
material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text in upper case  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 320 V degree of pollution 3 urge voltage resistance rated value 4 kV protection class IP of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 iound • for railway applications according to EN 61373 vibration resistance • according to IEC 60068-2-6  10 500 Hz: 5g	color	
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 front component light source insulation voltage rated value degree of pollution surge voltage resistance rated value of the terminal for	of the actuating element	yellow
outer diameter of the actuating element  marking of the actuating element  Any inscription, text in upper case  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  protection class IP  of the terminal  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  10 500 Hz: 5g	material of the actuating element	plastic
marking of the actuating element  Front ring product component front ring No  Holder material of the holder Display number of LED modules foncial 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 e according to IEC 60068-2-6  volume to the terminal should be the foliation of the source sinusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance e according to IEC 60068-2-6  AND inscription, text in upper case  Any inscription, text in upper case  Any inscription, text in upper case  Any inscription, text in upper case  Plastic  No  No  Heating No  Yes  120 V  4 kV  Protection class IP IP66, IP67, IP69(IP69K) IP20 IP20 IP20 IP20 IP20 IP20 IP3, 3R, 4, 4X, 12, 13  Shock resistance IP3 sinusoidal half-wave 15g / 11 ms IP3 category 1, Class B  Vibration resistance IP3 according to IEC 60068-2-6	shape of the actuating element	round
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 4 kV protection class IP of the terminal legree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • according to IEC 60068-2-6  10 500 Hz: 5g	outer diameter of the actuating element	29.45 mm
product component front ring  Holder  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  of the terminal  degree of protection NEMA rating  shock resistance  • according to IEC 60068-2-27  • for railway applications according to EN 61373  vibration resistance  • according to IEC 60068-2-6  10 500 Hz: 5g	marking of the actuating element	Any inscription, text in upper case
Holder 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 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373  vibration resistance according to IEC 60068-2-6  10 500 Hz: 5g	Front ring	
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 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 • for railway applications according to EN 61373  vibration resistance • according to IEC 60068-2-6  10 500 Hz: 5g	product component front ring	No
Display number of LED modules  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 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 of or railway applications according to EN 61373  vibration resistance according to IEC 60068-2-6  10 500 Hz: 5g	Holder	
number of LED modules  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 IP66, IP67, IP69(IP69K)  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  of or railway applications according to EN 61373  vibration resistance of according to IEC 60068-2-6  10 500 Hz: 5g	material of the holder	Plastic
product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value  protection class IP if the terminal legree of protection NEMA rating shock resistance according to IEC 60068-2-27 insulation resistance for railway applications according to EN 61373  stock resistance according to IEC 60068-2-6  vibration resistance according to IEC 60068-2-6  10 500 Hz: 5g	Display	
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  of the railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  according to IEC 60068-2-6  10 500 Hz: 5g	number of LED modules	
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  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  of according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  of or railway applications according to EN 61373  vibration resistance  of according to IEC 60068-2-6  10 500 Hz: 5g		1
degree of pollution  surge voltage resistance rated value  protection class IP  of the terminal  degree of protection NEMA rating  the 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  of or railway applications according to EN 61373  vibration resistance  of according to IEC 60068-2-6  10 500 Hz: 5g		1
surge voltage resistance rated value  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  of according to IEC 60068-2-27  of or railway applications according to EN 61373  vibration resistance  of according to IEC 60068-2-6  10 500 Hz: 5g	General technical data	
protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  of according to IEC 60068-2-27  of or railway applications according to EN 61373  vibration resistance  of according to IEC 60068-2-6  IP66, IP67, IP69(IP69K)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  of according to IEC 60068-2-7  sinusoidal half-wave 15g / 11 ms  Category 1, Class B  vibration resistance  of according to IEC 60068-2-6  10 500 Hz: 5g	General technical data product component light source	Yes
● 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  ● for railway applications according to EN 61373 Category 1, Class B  vibration resistance  ● according to IEC 60068-2-6 10 500 Hz: 5g	General technical data product component light source insulation voltage rated value	Yes 320 V
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  • for railway applications according to EN 61373 Category 1, Class B  vibration resistance  • according to IEC 60068-2-6 10 500 Hz: 5g	General technical data  product component light source insulation voltage rated value degree of pollution	Yes 320 V 3
shock resistance  • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms  • for railway applications according to EN 61373 Category 1, Class B  vibration resistance  • according to IEC 60068-2-6 10 500 Hz: 5g	product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value	Yes 320 V 3 4 kV
<ul> <li>according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms</li> <li>for railway applications according to EN 61373 Category 1, Class B</li> <li>vibration resistance</li> <li>according to IEC 60068-2-6 10 500 Hz: 5g</li> </ul>	product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K)
<ul> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> <li>vibration resistance</li> <li>according to IEC 60068-2-6</li> <li>10 500 Hz: 5g</li> </ul>	product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP  • of the terminal	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20
vibration resistance  ● according to IEC 60068-2-6 10 500 Hz: 5g	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	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20
• according to IEC 60068-2-6 10 500 Hz: 5g	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	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13
	product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373 Category 1, Class B	product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms
	product component light source insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP	Yes 320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms Category 1, Class B

reference code according to IEC 81346-2	P
Substance Prohibitance (Date)	10/01/2014
Supply voltage	10/01/2014
	ACIDO
type of voltage of the supply voltage of the light source	AC/DC
supply voltage of the light source at AC	041/
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
at 60 Hz rated value	24 24 V
supply voltage of the light source at DC	
rated value	24 V
rated value	24 24 V
relative negative tolerance of the supply voltage	20 %
relative positive tolerance of the supply voltage	20 %
Control circuit/ Control	
inrush current maximum	2 A
Connections/ Terminals	
type of electrical connection	other
<ul> <li>of modules and accessories</li> </ul>	Screw-type terminal
type of connectable conductor cross-sections	
<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)
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	yellow
light intensity	900 1 400 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)
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
Certificates/ approvals	
Further information	
rurther 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=3SU1102-6AA30-1AA0-Z Y11

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1102-6AA30-1AA0-Z\ Y11}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA30-1AA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1102-6AA30-1AA0-Z Y11&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1102-6AA30-1AA0-Z Y11&lang=en</a>

last modified: 1/26/2022 🖸