## 3SU1106-6AA00-1AA0-Z Y19

## **Data sheet**



Indicator lights, 22 mm, round, plastic, amber, lens, smooth, with holder, LED module, with integrated LED 230 V AC, screw terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product designation design of the product product type designation anufacturer's article number  • of supplied LED module • of the supplied LED module • of supplied repeater  • of supplied repeater  surface and product extension optional light source color • of the actuating element material of the actuating element product extension optional light source color • of the actuating element material of the actuating element plastic shape of the actuating element marking of the actuating element product component front ring Product component fight source product component light source product componen	product brand name	SIRIUS ACT
product type designation product line product line product line e of supplied LED module of supplied LED module of supplied holder of supplied holder of supplied repeater  Enclosure number of command points  1  Actuator product extension optional light source color of the actuating element material of the actuating element marking of the holder product component front ring No  Holder material of the holder  Plastic  Plastic  Sinus of LED modules  General technical data product component light source yes insulation voltage rated value degree of pollution surge voltage resistance rated value degree of protection NEMA rating subscription, lext or symbol, can only be ordered via SIRIUS ACT configuration/Configuration Identification Number (CIN)  **Pes ** Sinusoidal half-wave 15g / 11 ms Category 1, Class B  vibration resistance  ** Sinusoidal half-wave 15g / 11 ms Category 1, Class B  vibration resistance  ** Sinusoidal half-wave 15g / 11 ms Category 1, Class B	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 anterial of the actuating element outer diameter of the actuating element arking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration/Configuration Identification Number (CIN)  Front ring product component front ring No  Holder  article Avon article Avon and a surger ordered via a SIRIUS ACT configuration Identification Number (CIN)  Front ring product component light source Yes insulation voltage rated value 320 V  degree of pollution 3 3 surge voltage resistance rated value 4 kV protection class IP Ple6s, IP67, IP69(IP69K) Ple70 Ple70, IP69(IP69K) Ple70 Ple71 IT ms  category 1, Class B  vibration resistance	design of the product	Complete unit
manufacturer's article number  of supplied LED module of the supplied holder product extension optional light source of the actuating element supplied holder holder supplied holder supplied holder supplied holder supplied holder holder supplied holder holder supplied holder supplied holder supplied holder holder supplied holder holder holder supplied holder hold	product type designation	3SU1
of supplied LED module     of the supplied holder     of supplied repeater     of supplied repeater     sulfsso-0AA10-0AA0     sulfsso-0AA10-0AA0     sulfsso-0AA00-0AA0  Enclosure number of command points     1  Actuator product extension optional light source     color	product line	Plastic, black, 22 mm
of the supplied holder     of supplied repeater     asulton-6AA00-0AA0     asulton-6AA	manufacturer's article number	
• of supplied repeater    Color	<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BF00-1AA0
Enclosure  number of command points  Actuator  product extension optional light source  color  • of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element marking of the actuating element  plastic  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  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 3 surge voltage resistance rated value 4 kV protection class IP • of the terminal lip20 degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 vibration resistance	<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 outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  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 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 vibration resistance vibration resistance	<ul> <li>of supplied repeater</li> </ul>	3SU1001-6AA00-0AA0
Actuator  product extension optional light source  color  of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element outer diameter of the actuating element  marking of the actuating element  product component front ring  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 e according to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance  vond  vond ves  ves  amber amber amber amber  amber  plastic  Pl	Enclosure	
product extension optional light source  color  of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element marking of the actuating element  plastic  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  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 of according to IEC 60068-2-27 of or rallway applications according to EN 61373 vibration resistance	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     outer diameter of the actuating element     marking of the actuating element     Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  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     3     surge voltage resistance rated value     protection class IP     of the terminal     degree of protection NEMA rating     shock resistance     o according to IEC 60068-2-27     of or railway applications according to EN 61373  vibration resistance  amber  plastic	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  marking of the actuating element  marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  Front ring 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  degree of pollution 3 surge voltage resistance rated value 4 kV  protection class IP of the terminal event of the text of the te	color	
shape of the actuating element outer diameter of the actuating element marking of the actuating element  Pront ring product component front ring  Mo  Mo  Mo  Mo  Mo  Mo  Mo  Mo  Mo  M	of the actuating element	amber
outer diameter of the actuating element  marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  Front ring  product component front ring  No  Holder  material of the holder  Display  number of LED modules  foeneral 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 of railway applications according to EN 61373  vibration resistance  29.45 mm Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration lentification Number (CIN)  No  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration lentification Number (CIN)  Plastic  1  4  Front ring No  Plastic  1  4  Front resistance  1  1  1  1  1  1  1  1  1  1  1  1  1	material of the actuating element	plastic
marking of the actuating element  Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  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  4 kV  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  • for railway applications according to EN 61373  vibration resistance	shape of the actuating element	round
configurator/Configuration Identification Number (CIN)  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  surge voltage resistance rated value  protection class IP  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	outer diameter of the actuating element	29.45 mm
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 60068-2-27  • for railway applications according to EN 61373  vibration resistance  Plastic  Plastic  1  Plastic  Plastic  1  A kV  Prose  Plastic  1  A kV  Prose  Pes  insulation voltage rated value  4 kV  Protection class IP  IP66, IP67, IP69(IP69K)  IP20  IP20  IP20  IP20  Category 1, Class B	marking of the actuating element	
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 lP20  degree of protection NEMA rating shock resistance  • according to IEC 60068-2-27 • for railway applications according to EN 61373  vibration resistance  vibration resistance	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 of the terminal lP20  degree of protection NEMA rating shock resistance  • according to IEC 60068-2-27 • for railway applications according to EN 61373  vibration resistance  Plastic  1  Plastic  Plastic  1  Residues  1  1  1  1  1  1  1  1  1  1  1  1  1	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 of the terminal degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 of or railway applications according to EN 61373  vibration resistance  1  1  1  1  1  1  1  1  1  1  1  1  1	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  o according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms of or railway applications according to EN 61373  vibration resistance	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 degree of protection NEMA rating shock resistance  according to IEC 60068-2-27 insulation voltage rated value  yes insulation voltage rated value 320 V  4 kV  IP66, IP67, IP69(IP69K)  IP20  IP20  degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance insulation voltage rated value surge voltage resistance as a surge voltage rated value surge voltage resistance as a surge voltage rated value  4 kV  IP66, IP67, IP69(IP69K)  IP20  degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  insulation voltage rated value  2 consideration voltage rated value 320 V  4 kV  IP66, IP67, IP69(IP69K)  IP20  Category 1, Class B  vibration resistance	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 or railway applications according to EN 61373  vibration resistance  Yes  120  120  120  120  120  120  120  12	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  shock resistance  according to IEC 60068-2-27  of the railway applications according to EN 61373  vibration resistance  320 V  1P66, 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  Category 1, Class B	General technical data	
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  of according to IEC 60068-2-27  of the terminal  category 1, Class B  vibration resistance	product component light source	Yes
surge voltage resistance rated value  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  o according to IEC 60068-2-27  of the terminal  shock resistance  of railway applications according to EN 61373  vibration resistance  4 kV  IP66, IP67, IP69(IP69K)  1, 2, 3, 3R, 4, 4X, 12, 13  sinusoidal half-wave 15g / 11 ms  Category 1, Class B	insulation voltage rated value	320 V
protection class IP  of the terminal  degree of protection NEMA rating  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  oaccording to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  of railway applications according to EN 61373  Category 1, Class B	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  ● for railway applications according to EN 61373  vibration resistance	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  • for railway applications according to EN 61373 Category 1, Class B  vibration resistance	protection class IP	IP66, IP67, IP69(IP69K)
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	of the terminal	IP20
<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> </ul>	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
• for railway applications according to EN 61373  Category 1, Class B  vibration resistance	shock resistance	
vibration resistance	<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms
	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
• according to IEC 60068-2-6 10 500 Hz: 5g	vibration resistance	
	<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g

<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
reference code according to IEC 81346-2	P
Substance Prohibitance (Date)	10/01/2014
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	
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
<ul> <li>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	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
Lamp	
type of light source	LED
color of the light source	amber
light intensity	900 1 400 mcd
Ambient conditions	
ambient temperature	
<ul><li>during operation</li></ul>	-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	

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=3SU1106-6AA00-1AA0-Z Y19

Cax online generator

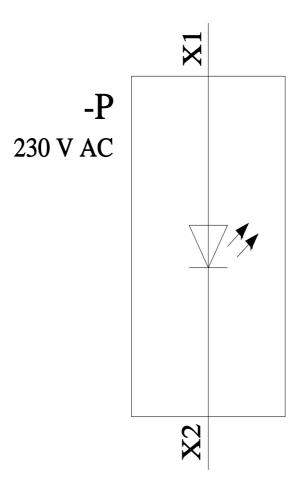
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1106-6AA00-1AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-6AA00-1AA0-Z Y19

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1106-6AA00-1AA0-Z Y19&lang=en



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