## 3SU1102-6AA60-1AA0-Z Y19

## **Data sheet**



Indicator lights, 22 mm, round, plastic, white, lens, smooth, with holder, LED module, with integrated LED 24 V AC/DC, 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 product type designation product type designation product type designation product line manufacturer's article number  • of supplied LED module • of the supplied LED module • of supplied repeater  • of supplied repeater  sult 40.18860-1AAQ 3SU1401-18860-1AAQ 3SU1401-6AA60-0AAQ  sult 401-6AA60-0AAQ  Enclosure number of command points  1 Actuator product extension optional light source very first actuating element white material of the actuating element shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element arrived first actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuratori/Configuration Identification Number (CIN)  Front ring product component front ring No Holder material of the holder product component front ring  **Centeral 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 HP20 degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373  vibration resistance  ***Aution resistance ***Aution resistance ***Aution resistance ****Aution resistance ****Aution resistance ****Aution resistance *****Aution resistance ********** *****Vibration resistance ********** ************  ***********	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 of the actuating element material of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element product component front ring Molder  Holder material of the holder  Plastic  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 surge voltage resistance rated value degree of protection NEMA rating holder sinusous according to EN 61373 vibration resistance  sibusoidal half-wave 15g / 11 ms Category 1, Class B  vibration resistance  vibration resistance  Plastic Category 1, Class B	product designation	Indicator lights
product line manufacturer's article number of supplied LED module of the supplied holder supplied repeater assurtation optional light source of the actuating element outer diameter of the actuating element marking of the actuating element marking of the actuating element marking of the holder product component front ring product component light source product component light source outer diameter of the actuating element marking of the actuating element product component front ring product component front ring product component light source  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 protection class IP of the terminal degree of protection NEMA rating shock resistance eacording to IEC 60068-2-27 of rariawy applications according to EN 61373 vibration resistance	design of the product	Complete unit
manufacturer's article number  of supplied LED module of the supplied holder supplied holder supplied repeater sult 1550-0AA10-0AA0 sult 16860-0AA0  Enclosure number of command points 1 Actuator  product extension optional light source of the actuating element material of the actuating element marking of the holder product component front ring Holder material of the holder Display number of LED modules 1 General technical data product component light source insulation voitage rated value degree of pollution surge voitage resistance rated value degree of protection NEMA rating surps voitage resistance of the country o	product type designation	3SU1
of supplied LED module     of the supplied holder     of supplied repeater     3SU1550-0AA10-0AA0     supplied repeater     3SU1001-6AA60-0AA0  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     asution-6AA60-0AA0     asution-6AA	manufacturer's article number	
of supplied repeater	<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BB60-1AA0
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  product component 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 degree of protection class IP e of the terminal degree of protection NEMA rating substance • according to IEC 60068-2-27 e for railway applications according to EN 61373 vibration resistance  Ves  vibration voltage rated value e According to IEC 60068-2-27 e for railway applications according to EN 61373 vibration resistance	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
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 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 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 shock resistance • according to IEC 60068-2-27 of to railway applications according to EN 61373 vibration resistance	<ul> <li>of supplied repeater</li> </ul>	3SU1001-6AA60-0AA0
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 marking of the actuating element  product component front ring product component front ring  Plastic  Display number of LED modules finsulation voltage rated value degree of pollution surge voltage resistance e according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance  vhite white material of the actuating element vhite plastic pla	Enclosure	
product extension optional light source  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 outer diameter of the actuating element  product component front ring product component front ring  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  degree of protection NEMA rating of the catuating element  Plastic  Plastic  Plastic  Yes insulation voltage rated value 4 kV 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	number of command points	1
color  • of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 29.45 mm 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 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)  • 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	Actuator	
white material of the actuating element shape of the actuating element outer diameter of the actuating element outer diameter of the actuating element arking 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  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 degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373  vibration resistance	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 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  4 kV protection class IP of the terminal effect of protection NEMA rating shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance	color	
shape of the actuating element outer diameter of the actuating element  marking of the actuating element  Pound  Any inscription, text or symbol, can only be ordered via SIRIUS ACT 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  4 kV protection class IP of the terminal  degree of protection NEMA rating shock resistance  • according to IEC 60068-2-27 e for railway applications according to EN 61373  vibration resistance	of the actuating element	white
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 or railway applications according to EN 61373  vibration resistance	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  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	shape of the actuating element	round
configurator/Configuration 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 surge voltage resistance rated value  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	outer diameter of the actuating element	29.45 mm
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  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  Plastic  1  General technical  1  3  4  Ves  320 V  4 kV  Profes(IP69K)  IP66, IP67, IP69(IP69K)  IP20  1, 2, 3, 3R, 4, 4X, 12, 13  Shock resistance  • according to IEC 60068-2-27  • for railway applications according to EN 61373  Vibration resistance	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 of or railway applications according to EN 61373  vibration resistance  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  1  Centering  1  A V  Pros  Pes  IP69  IP6	Front ring	
material of the holder  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 1P66, IP67, IP69(IP69K)  of the terminal IP20  degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  of crailway applications according to EN 61373  Category 1, Class B  vibration resistance	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  4 kV  protection class IP of the terminal lP20  degree of protection NEMA rating shock resistance • according to IEC 60068-2-27 of for railway applications according to EN 61373  vibration resistance	Holder	
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  least of the terminal least of the termi	material of the holder	Plastic
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  respectively. Yes  Yes 320 V  4 kV  IP66, IP67, IP69(IP69K)  IP20  IP20  IP20  IP20  IP20  Sinusoidal half-wave 15g / 11 ms  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 insulation voltage resistance rated value  protection class IP insulation voltage resistance insulation voltage rated value  4 kV  protection class IP insulation voltage resistance insulation voltage rated value  4 kV  protection class IP insulation voltage rated value  320 V  4 kV  protection class IP insulation voltage rated value  4 kV  protection class IP insulation voltage rated value  5 category 1, Class B  vibration resistance	number of LED modules	1
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  o 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	General technical data	
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  o according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  ofor railway applications according to EN 61373  vibration resistance	product component light source	Yes
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  sinusoidal half-wave 15g / 11 ms  of or railway applications according to EN 61373  vibration resistance	insulation voltage rated value	320 V
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 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 Category 1, Class B  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	<ul> <li>of the terminal</li> </ul>	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
40 F00 H= F=	vibration registance	
• according to IEC 60068-2-6 10 500 Hz: 5g	VIDIALIOII TESISLATICE	

<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/DC
supply voltage of the light source at AC	
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)
<ul> <li>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)
finely stranded with core end processing	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	white
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	

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)
<a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1102-6AA60-1AA0-Z Y19">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1102-6AA60-1AA0-Z Y19</a>

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1102-6AA60-1AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA60-1AA0-Z Y19

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=3SU1102-6AA60-1AA0-Z Y19&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1102-6AA60-1AA0-Z Y19&lang=en</a>

last modified: 1/26/2022 🖸