## 3SU1156-6AA60-3AA0-Z Y19

## **Data sheet**



Indicator lights, 22 mm, round, Metal, shiny, white, lens, smooth, with holder, LED module with integrated LED 230 V AC, spring-type 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 line manufacturer's article number of supplied LED module of the supplied holder of supplied repeater subject repeater number of command points  Actuator product extension optional light source color of the actuating element white material of the actuating element product dameter of the actuating element white marking of the actuating element product component front ring product component front ring product component front ring product component front ring product component light source  Plastic  Plastic  Plastic  Plastic  Seneral technical data product component light source insulation voltage rated value degree of pollution surge voltage rated value of the terminal element product component Representation of the protection representation of the surge resistance e according to IEC 80068-2-6  surge voltage resistance e according to IEC 80068-2-6  10 500 Hz: 5g	product brand name	SIRIUS ACT	
product type designation product line Metal, shiny, 22 mm manufacturer's article number of supplied LED module of the supplied holder supplied holder supplied repeater  asul165-0AA10-0AA0 supplied repeater  number of command points 1  Actuator product extension optional light source of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element araking of the actuating element outer diameter of the 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 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 1P20 degree of protection NEMA rating shock resistance according to IEC 60068-2-6 sinusoidal half-wave 15g / 11 ms vibration resistance secording to IEC 60068-2-6 10 500 Hz: 5g	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 material 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  Pessic  Display number of LED modules 1  General technical data product component light source yes insulation voltage rated value degree of pollution surge voltage resistance of the leminal light source yes insulation voltage rated value protection class IP of the terminal lege of the terminal lege of the surge of the surge of the surge of the terminal lege of the surge of pollution surge voltage resistance rated value degree of protection NEMA rating shock resistance occording to IEC 60068-2-6  10 500 Hz: 5g	design of the product	Complete unit	
manufacturer's article number  of supplied LED module of the supplied holder supplied holder supplied repeater sulfs50-0AA10-0AA0 sulfs50-0AA10-0AA0 sulfs50-0AA10-0AA0 sulfs50-0AA10 Enclosure number of command points 1  Actuator product extension optional light source of the actuating element white material of the actuating element outer diameter of the actuating element marking of the actuating element arking of the actuating element product component front ring tolder material of the holder Display number of LED modules foneral 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 degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance occording to IEC 60068-2-67 sinusoidal half-wave 15g / 11 ms vibration resistance occording to IEC 60068-2-6 10 500 Hz: 5g	product type designation	3SU1	
of supplied LED module     of the supplied holder     of supplied repeater     asu1550-0AA10-0AA0     supplied repeater      asu1550-0AA10-0AA0  Enclosure number of command points     1  Actuator  product extension optional light source     of the actuating element material of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element     arking 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 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 surge voltage resistance rated value 4 kV protection class IP of the terminal elegree of protection NEMA rating shock resistance according to IEC 60068-2-6  insuloidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6  10 500 Hz: 5g	product line	Metal, shiny, 22 mm	
of the supplied holder     of supplied repeater     asulos1-6AA60-0AA0     asulos1-6AA60-0AA00     asulos1-6AA60-0AA00     asulos1-6	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 outer diameter of the actuating element marking of the actuating element  product component front ring  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Poisplay  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 1	<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BF60-3AA0	
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 NEMA rating degree of protection NEMA rating shock resistance • 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  Actuator  product extension optional light source  color  • of the actuating element white material of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic outer diameter of the actuating element arking 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 e of the terminal IP20  degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance e according to IEC 60068-2-6 10 500 Hz: 5g	<ul> <li>of supplied repeater</li> </ul>	3SU1051-6AA60-0AA0	
Actuator  product extension optional light source  color  of the actuating element material of the actuating element marking of the actuating element  product component front ring product component front ring  Mo  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 degree of protection NEMA rating holder  degree of protection NEMA rating shock resistance o according to IEC 60068-2-6  over the desire of the desired plastic sinusoidal half-wave 15g / 11 ms  vibration resistance o according to IEC 60068-2-6  10 500 Hz: 5g	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  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  Display number of LED modules General technical data product component light source insulation voltage rated value  degree of pollution surge voltage resistance rated value  i Pe6, IP67, IP69(IP69K) of the terminal lP20  degree of protection NEMA rating shock resistance of according to IEC 60068-2-6  occording to IEC 60068-2-6  10 500 Hz: 5g	number of command points	1	
color  • of the actuating element white material of the actuating element round outer diameter of the actuating element 29.45 mm marking of the actuating element 29.45 mm marking of the actuating element 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 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 • according to IEC 60068-2-6 10 500 Hz: 5g	Actuator		
white material of the actuating element shape of the actuating element outer diameter of the actuating element arking 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 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 • according to IEC 60068-2-27 vibration resistance • according to IEC 60068-2-6  10 500 Hz: 5g	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  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 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 sinusoidal half-wave 15g / 11 ms  vibration resistance • according to IEC 60068-2-6  10 500 Hz: 5g	color		
shape of the actuating element outer diameter of the actuating element marking of the actuating element  Pront ring product component front ring  Plastic  Display number of LED modules 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  1 29.45 mm Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration ldentification Number (CIN)  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  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) 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  • according to IEC 60068-2-6  10 500 Hz: 5g	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  vibration resistance  according to IEC 60068-2-6  10 500 Hz: 5g	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  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 60068-2-6  • according to IEC 60068-2-6  10 500 Hz: 5g	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  foeneral technical data  product component light source insulation voltage rated value  degree of pollution  surge voltage resistance rated value  protection NEMA rating  shock resistance  according to IEC 60068-2-6  according to IEC 60068-2-6  1NO  No  Plastic  Plestic  Plestic  Plestic  Pes  inumber (CIN)  No  Helder  Plastic  Plestic  Plestic	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 60068-2-6  • according to IEC 60068-2-6  Plastic  Plastic  Plastic  Plastic  1  Comparison  1  1  1  1  1  1  1  1  1  1  1  1  1	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 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	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 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  vibration resistance o according to IEC 60068-2-6  10 500 Hz: 5g	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 lP20 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	Holder	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 lP20  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 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 sinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-6  Yes Yes  1320 V  4 kV  PR66, 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	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 resistance insulation resistance insulation resistance insulation resistance 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 resistance insulation voltage rated value  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance insulation resistance insulation voltage rated value  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance insulation voltage rated value  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance insulation voltage rated value  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance insulation voltage rated value  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance insulation voltage rated value  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance insulation voltage rated value  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance insulation voltage rated value  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance insulation voltage rated value  1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance insulation voltage rated value  1, 2, 3, 3R, 4, 4X, 12, 13	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  of according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  of according to IEC 60068-2-6  10 500 Hz: 5g	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  vibration resistance  o according to IEC 60068-2-6  10 500 Hz: 5g	product component light source	Yes	
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 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  o according to IEC 60068-2-6  10 500 Hz: 5g	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  o according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  o according to IEC 60068-2-6  10 500 Hz: 5g	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  vibration resistance  ● according to IEC 60068-2-6  10 500 Hz: 5g	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  vibration resistance  • according to IEC 60068-2-6  10 500 Hz: 5g	protection class IP	IP66, IP67, IP69(IP69K)	
shock resistance	of the terminal	IP20	
● according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms  vibration resistance  ● according to IEC 60068-2-6 10 500 Hz: 5g	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
vibration resistance  ● according to IEC 60068-2-6 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		
	according to IEC 60068-2-6	10 500 Hz: 5g	
reference code according to IEC 81346-2	reference code according to IEC 81346-2	Р	

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
<ul> <li>of modules and accessories</li> </ul>	Spring-type terminal
type of connectable conductor cross-sections	
<ul> <li>solid without core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.25 0.75 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>at AWG cables</li> </ul>	2x (24 16)
tightening torque of the screws in the bracket	1 1.2 N·m
Lamp	
type of light source	LED
color of the light source	white
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
<ul> <li>of modules and accessories</li> </ul>	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	

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=3SU1156-6AA60-3AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1156-6AA60-3AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1156-6AA60-3AA0-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=3SU1156-6AA60-3AA0-Z Y19&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1156-6AA60-3AA0-Z Y19&lang=en</a>

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