# **SIEMENS**

## **Data sheet**



Indicator lights, 22 mm, round, Metal, shiny, white, 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   Indicator lights   design of the product   Complete unit   SSU1   product type designation   SSU1   product type designation   SSU1   Metal, shiny, 22 mm   manufacturer's article number   of supplied LED module   SSU1401-1BF60-1AA0   of the supplied holder   SSU1550-0AA10-0AA0   of the supplied repeater   SSU1051-6AA60-0AA0   of supplied repeater   SSU1051-6AA60-0AA0	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm Metal, shiny, 22 mm manufacturer's article number of supplied LED module of the supplied holder of supplied repeater  1	product designation	Indicator lights
product line manufacturer's article number  of supplied LED module of the supplied HD module of the supplied holder of supplied operater assuring a substitution optional light source number of command points  1  Actuator  product extension optional light source of the actuating element material of the actuating element white material of the actuating element outer diameter of the actuating element arriving of the actuating element product component front ring  No  Holder material of the holder Display number of LED modules  1  General technical data product component light source yes degree of pollution surge voltage resistance rated value degree of protection NEMA rating holder substitute  • according to IEC 60068-2-6 reference code according to IEC 60068-2-6 reference code according to IEC 60068-2-6 reference code according to IEC 601540  SSU1401-18F60-1AA0 SSU1451-18F60-1AA0 SSU1401-18F60-1AA0 SSU1451-18F60-1AA0 SSU1451-1AA0 SSU1451-1AA0 SSU1451-	design of the product	Complete unit
manufacturer's article number  of supplied LED module of the supplied holder supplied of the supplied holder supplied repeater  sulfost-sAAR0-0AA0  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 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  Ceneral technical data product component light source   Yes   Insulation voltage rated value   320 V	product type designation	3SU1
of supplied LED module     of the supplied holder     of supplied repeater     of supplied repeater     suffices on Anti-OAAO      supplied repeater     suffices on Anti-OAAO      record or supplied repeater      mumber 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 eleme	product line	Metal, shiny, 22 mm
of the supplied holder     of supplied repeater     asulos1-6AA60-0AA0  Enclosure  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 arking of the actuating element marking of the actuating element marking of the actuating element  marking of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element  product component front ring 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 60068-2-6 10 500 Hz: 5g reference code according to IEC 60068-2-6 reference code according to IEC 60068-2-7 reference code according to IEC 60068-2-7 reference code according to IEC 60068-2-8	manufacturer's article number	
of supplied repeater      Benobusive  mumber 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     outer diameter of the actuating element     marking of the actuating element     apy inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)  Front ring     product component front ring     Holder     material of the holder     Display     number of LED modules     foneral technical data     product component light source     insulation voltage rated value     degree of pollution     3     surge voltage resistance rated value     degree of protection NEMA rating     shock resistance     * according to IEC 60068-2-6     reference code according to IEC 60068-2-7     reference code according to IEC 60068-2-6     reference code according to IEC 60068-2-7     reference code according to IEC 60068-2-8	<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BF60-1AA0
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 marking of the actuating element arking of the actuating element  product component front ring  product component front ring  No  Holder material of the holder  plastic  Seneral technical data product component light source insulation voltage rated value degree of pollution 3 surge voltage resistance rated value degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance  • according to IEC 60068-2-6 reference code according to IEC 60068-2-7 reference code according to IEC 60068-2-6 reference code according to IEC 60068-2-7 reference code according to IEC 60068-2-6 reference code according to IEC 60068-2-7 reference code according to IEC 60068-2-6 reference code according to IEC 60068-2-7 reference code according to IEC 60068-2-6 reference code according to IEC 60068-2-7 reference code acco	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
number of command points 1  Actuator  product extension optional light source color	<ul> <li>of supplied repeater</li> </ul>	3SU1051-6AA60-0AA0
Actuator  product extension optional light source  color  • of the actuating element white  material 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 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 60068-2-6 10 500 Hz: 5g  reference code according to IEC 81346-2	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  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  • of the terminal  degree of protection NEMA rating  **Poly **Index *	number of command points	1
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 configuration Identification Number (CIN)  Front ring product component front ring  No  Holder material of the holder  Display number of LED modules  Ceneral 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 lP20  degree of protection NEMA rating shock resistance • according to IEC 60068-2-6 reference code according to IEC 81346-2  P days for mumber of LED sold Half-wave 15g / 11 ms  white plastic  value of the control of th	Actuator	
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 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     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     in Plasting  production Number of LED MEMA rating     1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance     • according to IEC 60068-2-6     reference code according to IEC 81346-2  preference code according to IEC 81346-2  plastic  product or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration via con only be ordered via SIRIUS ACT configuration via con only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, text or symbol, can only be ordered via SIRIUS ACT configuration, very model of text or symbol, can only be ordered via SIRIUS ACT configuration very model of text or symbol, can only be ordered via SIRIUS configuration very mode	product extension optional light source	Yes
material of the actuating element round outer diameter of the actuating element 29.45 mm 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 IP20  degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13  shock resistance  • according to IEC 60068-2-6  reference code according to IEC 81346-2  preference code according to IEC 81346-2	color	
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 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 sinusoidal half-wave 15g / 11 ms vibration resistance according to IEC 60068-2-6 reference code according to IEC 81346-2 P	<ul> <li>of the actuating element</li> </ul>	white
outer diameter of the actuating element  marking 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  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  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  reference code according to IEC 60068-2-7  reference code according to IEC 81346-2	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  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  vibration resistance  according to IEC 60068-2-6  reference code according to IEC 61068-2-2  reference code according to IEC 61068-2-2  P	shape of the actuating element	round
configurator/Configuration Identification Number (CIN)  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  4 kV  protection class IP  of the terminal  product component light rating  1P20  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  reference code according to IEC 81346-2  P	outer diameter of the actuating element	29.45 mm
product component front ring  Holder  material of the holder  Display  number of LED modules  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  reference code according to IEC 81346-2  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  1  Legalia  1  Legalia  1  Legalia  1  Legalia  Plastic  Plastic  Plastic  Plastic  1  Legalia  1  Legalia  1  Legalia  Lega	marking of the actuating element	
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  reference code according to IEC 81346-2 P	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 iof the terminal iP20  degree of protection NEMA rating shock resistance  • according to IEC 60068-2-27  reference code according to IEC 81346-2  Plastic  1  Description  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 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 reference code according to IEC 81346-2  P	Holder	
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 production NEMA rating shock resistance  • according to IEC 60068-2-6 reference code according to IEC 81346-2  Yes Yes  Yes  120  Yes  120  Yes  120  120  120  120  120  120  120  12	material of the holder	Plastic
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 reference code according to IEC 81346-2  Yes  Yes  120  Yes  120  Yes  120  120  120  120  120  120  120  12	Display	
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  • according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  • according to IEC 60068-2-6  reference code according to IEC 81346-2  P	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  sinusoidal half-wave 15g / 11 ms  vibration resistance  o according to IEC 60068-2-6  reference code according to IEC 81346-2  P	General technical data	
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 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  o according to IEC 60068-2-6  reference code according to IEC 81346-2  P	product component light source	Yes
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  vibration resistance  according to IEC 60068-2-6  reference code according to IEC 81346-2  P	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  oaccording to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance  oaccording to IEC 60068-2-6  reference code according to IEC 81346-2  P	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  reference code according to IEC 81346-2  P	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  reference code according to IEC 81346-2 P	protection class IP	IP66, IP67, IP69(IP69K)
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  reference code according to IEC 81346-2 P	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  reference code according to IEC 81346-2  P	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
vibration resistance	shock resistance	
vibration resistance	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
reference code according to IEC 81346-2		
3	• according to IEC 60068-2-6	10 500 Hz: 5g
Substance Prohibitance (Date) 10/01/2014	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>	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)
<ul> <li>for AWG cables</li> </ul>	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	
<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	

### Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

#### Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

#### 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=3SU1156-6AA60-1AA0-Z Y19

#### Cax online generator

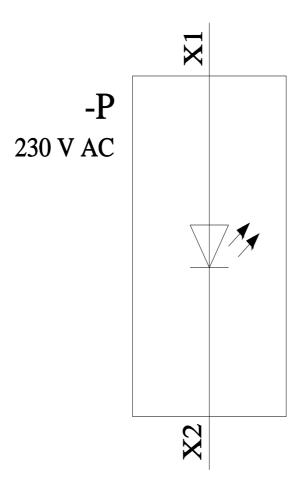
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1156-6AA60-1AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1156-6AA60-1AA0-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=3SU1156-6AA60-1AA0-Z Y19&lang=en



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