



Illuminated pushbutton, 22 mm, round, metal, shiny, transparent, pushbutton, flat, momentary contact type, with holder, 1 NO, LED module with integrated LED 230 V AC, screw terminal

product brand name	SIRIUS ACT
product designation	Illuminated pushbuttons
design of the product	Complete unit
product type designation	3SU1
product line	Metal, shiny, 22 mm
manufacturer's article number	
• of supplied contact module at position 1	3SU1400-1AA10-1BA0
• of supplied LED module	3SU1401-1BF60-1AA0
• of the supplied holder	3SU1550-0AA10-0AA0
• of the supplied actuator	3SU1051-0AB70-0AA0
number of command points	1

Actuator

design of the actuating element	Button, flat
principle of operation of the actuating element	momentary contact type
product extension optional light source	Yes
color of the actuating element	clear
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.45 mm
number of contact modules	1

Front ring

product component front ring	Yes
design of the front ring	Standard
material of the front ring	Metal, high gloss
color of the front ring	silver

Holder

material of the holder	Plastic
-------------------------------	---------

Display

number of LED modules	1
------------------------------	---

General technical data

product function positive opening	No
product component light source	Yes
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
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

operating frequency maximum

mechanical service life (operating cycles) typical

electrical endurance (operating cycles) typical

thermal current**reference code according to IEC 81346-2****continuous current of the C characteristic MCB****continuous current of the quick DIAZED fuse link****continuous current of the DIAZED fuse link gG****Substance Prohibitance (Date)****operating voltage**

- at AC
 - at 50 Hz rated value
 - at 60 Hz rated value
- at DC rated value

10 ... 500 Hz: 5g

3 600 1/h

3 000 000

10 000 000

10 A

S

10 A; for a short-circuit current smaller than 400 A

10 A

10 A

10/01/2014

5 ... 500 V

5 ... 500 V

5 ... 500 V

Power Electronics**contact reliability**

One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)

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
- at 60 Hz rated value

230 V

230 V

Control circuit/ Control**inrush current of LED module maximum**

3 A

Auxiliary circuit**design of the contact of auxiliary contacts**

Silver alloy

number of NC contacts for auxiliary contacts

0

number of NO contacts for auxiliary contacts

1

Connections/ Terminals**type of electrical connection**

- of modules and accessories

screw-type terminals

Screw-type terminal

type of connectable conductor cross-sections

- solid with core end processing
- solid without core end processing
- finely stranded with core end processing
- finely stranded without core end processing
- at AWG cables

2x (0.5 ... 0.75 mm²)2x (1.0 ... 1.5 mm²)2x (0.5 ... 1.5 mm²)2x (1.0 ... 1.5 mm²)

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
- during storage

-25 ... +70 °C

-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**

- of modules and accessories

front plate mounting

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 mm

installation width

29.5 mm

installation depth

49.7 mm

Certificates/ approvals

General Product Approval	Declaration of Conformity
--------------------------	---------------------------



[Confirmation](#)



Declaration of Conformity	Test Certificates	Marine / Shipping
---------------------------	-------------------	-------------------



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping	other
-------------------	-------



[Confirmation](#)

[Environmental Confirmations](#)

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=3SU1156-0AB70-1BA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1156-0AB70-1BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1156-0AB70-1BA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1156-0AB70-1BA0&lang=en



