



Illuminated pushbutton, 22 mm, round, metal, shiny, red, pushbutton, flat, momentary contact type, with holder, 1 NC, LED module with integrated LED 230 V AC, screw terminal

product brand name
product designation
design of the product
product type designation
product line
manufacturer's article number

- of supplied contact module at position 1
- of supplied LED module
- of the supplied holder
- of the supplied actuator

number of command points

SIRIUS ACT
Illuminated pushbuttons
Complete unit
3SU1
Metal, shiny, 22 mm

[3SU1400-1AA10-1CA0](#)
[3SU1401-1BF20-1AA0](#)
[3SU1550-0AA10-0AA0](#)
[3SU1051-0AB20-0AA0](#)

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 red
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 Yes
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

1

number of NO contacts for auxiliary contacts

0

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

red

light intensity

450 ... 1 120 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
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[Confirmation](#)



EG-Konf.

Declaration of Conformity	Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



ABS



LRS



PRS

Marine / Shipping	other
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RINA



RMRS

[Environmental Confirmations](#)

[Confirmation](#)

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=3SU1156-0AB20-1CA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1156-0AB20-1CA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1156-0AB20-1CA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1156-0AB20-1CA0&lang=en



