

Illuminated pushbutton, 22 mm, round, metal, shiny, white, pushbutton, flat, momentary contact type, with holder, 1 NO, LED module with integrated LED 110 V AC, screw terminal



| | |
|--|--|
| Product brand name | SIRIUS ACT |
| Product designation | Illuminated pushbuttons |
| Design of the product | Complete unit |
| Product type designation | 3SU1 |
| Manufacturer's article number | |
| <ul style="list-style-type: none"> • 1 of supplied contact module • of supplied LED module • of the supplied holder • of the supplied actuator | 3SU1400-1AA10-1BA0 3SU1401-1BC60-1AA0 3SU1550-0AA10-0AA0 3SU1051-0AB60-0AA0 |
| Number of command points | 1 |

| Actuator | |
|--|------------------------|
| Design of the operating mechanism | Button, flat |
| Manner of function of the actuating element | Momentary contact type |
| Product extension optional Light source | Yes |
| Color | |
| <ul style="list-style-type: none"> • 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 |

| | |
|---|--|
| 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 | Metal |
| 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 | NEMA 1, 2, 3, 3R, 4, 4X, 12, 13 |
| Shock resistance | |
| • acc. to IEC 60068-2-27 | Sinusoidal half-wave 50 g / 11 ms |
| Operating frequency maximum | 3 600 1/h |
| Mechanical service life (switching cycles) | |
| • typical | 3 000 000 |
| Electrical endurance (switching cycles) | |
| • typical | 10 000 000 |
| Thermal current | 10 A |
| Reference code acc. to DIN EN 81346-2 | S |
| Reference code acc. to DIN EN 61346-2 | S |
| Continuous current of the C characteristic MCB | 10 A; for a short-circuit current smaller than 400 A |
| Continuous current of the quick DIAZED fuse link | 10 A |
| Continuous current of the DIAZED fuse link gG | 10 A |
| Operating voltage | |
| • at AC | |
| — at 50 Hz rated value | 5 ... 500 V |
| — at 60 Hz rated value | 5 ... 500 V |

- at DC
- rated value

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

110 V

110 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

Number of CO contacts

- for auxiliary contacts

0

Connections/Terminals

Type of electrical connection

- of modules and accessories

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 conductors

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 acc. 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 | |
|---|----------------------|
| • (mounting type) | front mounting |
| • Mounting type 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 mm |
| Installation width | 29.5 mm |
| Installation depth | 49.7 mm |

Certificates/approvals

| General Product Approval | Declaration of Conformity |
|--|---|
|  CCC  CSA  UL |  EAC  CE EG-Konf. |

[Miscellaneous](#)

| Test Certificates | Marine / Shipping |
|-------------------|-------------------|
|-------------------|-------------------|

[Type Test Certificates/Test Report](#)



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

[Confirmation](#)



Further information

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

<http://www.siemens.com/industrial-controls/catalog>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SU1153-0AB60-1BA0>

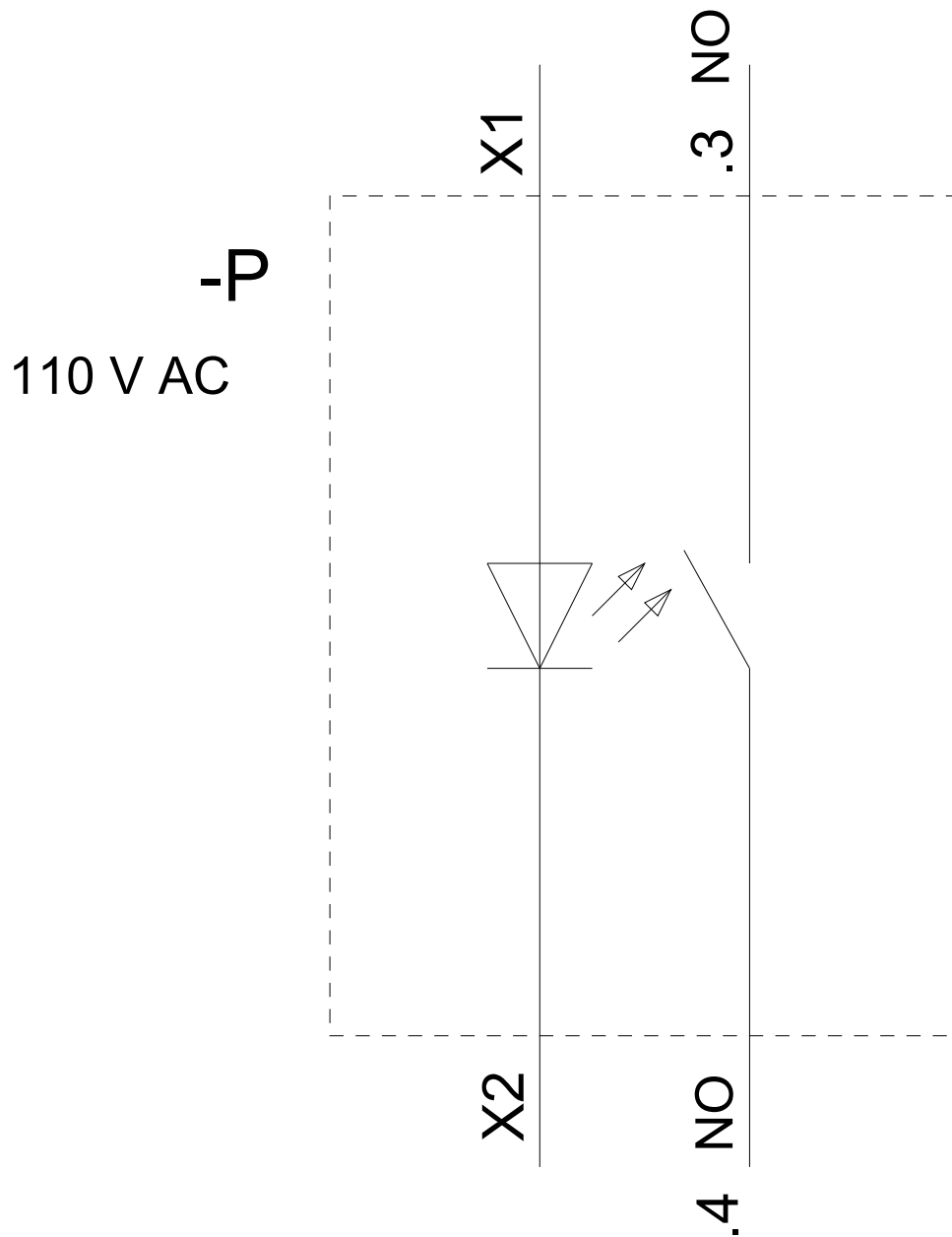
Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1153-0AB60-1BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-0AB60-1BA0>





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