

Pushbutton, 22 mm, round, metal, shiny, red, pushbutton, flat, momentary contact type, with holder, 1 NC, Spring-type terminal



|                                |                                    |
|--------------------------------|------------------------------------|
| Product brand name             | SIRIUS ACT                         |
| Product designation            | Pushbuttons                        |
| Design of the product          | Complete unit                      |
| Product type designation       | 3SU1                               |
| Manufacturer's article number  |                                    |
| • 1 of supplied contact module | <a href="#">3SU1400-1AA10-3CA0</a> |
| • of the supplied holder       | <a href="#">3SU1550-0AA10-0AA0</a> |
| • of the supplied actuator     | <a href="#">3SU1050-0AB20-0AA0</a> |
| 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     | No                     |
| 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                      |

|                                                  |                                                      |
|--------------------------------------------------|------------------------------------------------------|
| <b>Front ring</b>                                |                                                      |
| 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                                               |
| <b>Holder</b>                                    |                                                      |
| Material of the holder                           | Metal                                                |
| <b>Display</b>                                   |                                                      |
| Number of LED modules                            | 0                                                    |
| <b>General technical data</b>                    |                                                      |
| Product function                                 |                                                      |
| • positive opening                               | Yes                                                  |
| Product component                                |                                                      |
| • Light source                                   | No                                                   |
| Insulation voltage                               |                                                      |
| • rated value                                    | 500 V                                                |
| Degree of pollution                              | 3                                                    |
| Type of voltage                                  |                                                      |
| • of the operating voltage                       | AC/DC                                                |
| Surge voltage resistance rated value             | 6 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                                        | 10 000 000                                           |
| 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)

## 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

### Number of CO contacts

• for auxiliary contacts 0

## Connections/Terminals

### Type of electrical connection

• of modules and accessories Spring-type terminal

### Type of connectable conductor cross-sections

- solid without core end processing 2x (0.25 ... 1.5 mm<sup>2</sup>)
- finely stranded with core end processing 2x (0.25 ... 0.75 mm<sup>2</sup>)
- finely stranded without core end processing 2x (0.25 ... 1.5 mm<sup>2</sup>)
- at AWG conductors 2x (24 ... 16)

**Tightening torque of the screws in the bracket** 1 ... 1.2 N·m

## Ambient conditions

### Ambient temperature

- during operation -25 ... +70 °C
- during storage -40 ... +80 °C

Environmental category during operation acc. to IEC 60721 3M6, 3S2, 3B2, 3C3, 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 |
|--------------------------|---------------------------|
|--------------------------|---------------------------|



[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/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1150-0AB20-3CA0>

**Cax online generator**

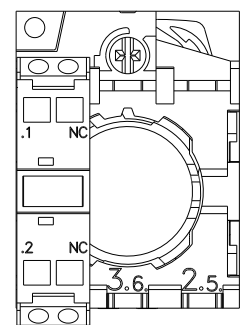
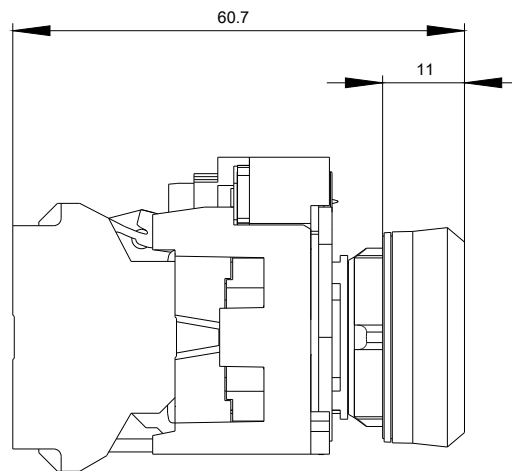
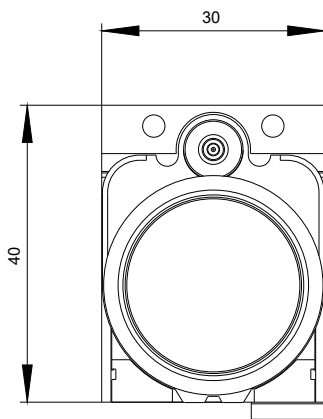
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0AB20-3CA0>

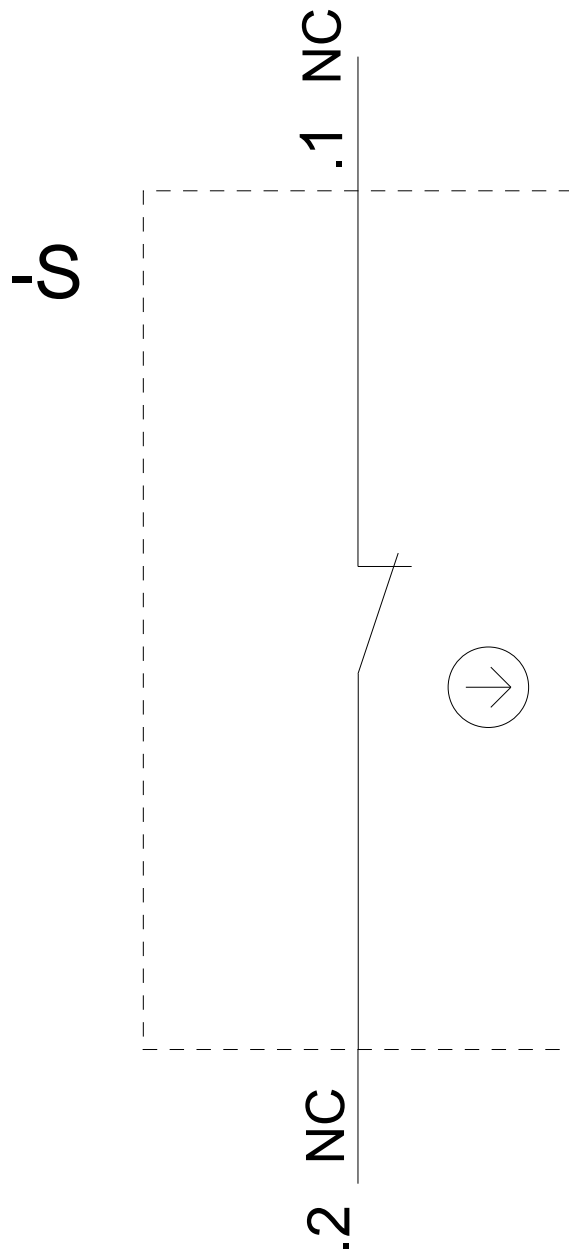
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-0AB20-3CA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1150-0AB20-3CA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-0AB20-3CA0&lang=en)





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