

PUSHBUTTON, 22MM, ROUND, METAL, SHINY, RED, FLAT  
BUTTON, MOMENTARY CONTACT TYPE, WITH HOLDER,  
1NO+1NC, SPRING-TYPE TERMINAL



Figure similar

|                                |                                    |
|--------------------------------|------------------------------------|
| product brandname              | SIRIUS ACT                         |
| Manufacturer's article number  |                                    |
| • of supplied contact module   | <a href="#">3SU1400-1AA10-3FA0</a> |
| • 1 of supplied contact module | <a href="#">3SU1400-1AA10-3FA0</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           | pushbutton with flat button |
| 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                           |

|                                                  |                                                      |
|--------------------------------------------------|------------------------------------------------------|
| Type of unlocking device                         | without                                              |
| 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                            | 0                                                    |
| General technical data                           |                                                      |
| Product function                                 |                                                      |
| • positive opening                               | Yes                                                  |
| Product component                                |                                                      |
| • Light source                                   | No                                                   |
| Insulation voltage                               |                                                      |
| • rated value                                    | 500 V                                                |
| Degree of pollution                              | 3                                                    |
| 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                          |
| Shock resistance                                 |                                                      |
| • acc. to IEC 60068-2-27                         | Sinusoidal half-wave 50 g / 11 ms                    |
| Vibration resistance                             |                                                      |
| • acc. to IEC 60068-2-6                          | 10 ... 500 Hz: 5g                                    |
| 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                                                 |
| Equipment marking                                |                                                      |
| • acc. to DIN EN 61346-2                         | P                                                    |
| • acc. to DIN EN 81346-2                         | P                                                    |
| 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                                                 |
| Main circuit                                     |                                                      |
| 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

|                            |                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------|
| <b>Contact reliability</b> | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) |
|----------------------------|--------------------------------------------------------------------------------------------|

## Auxiliary circuit

|                                                    |              |
|----------------------------------------------------|--------------|
| <b>Design of the contact of auxiliary contacts</b> | Silver alloy |
| <b>Number of NC contacts</b>                       |              |
| • for auxiliary contacts                           | 1            |
| <b>Number of NO contacts</b>                       |              |
| • for auxiliary contacts                           | 1            |
| <b>Number of CO contacts</b>                       |              |
| • for auxiliary contacts                           | 1            |

## Connections/Terminals

|                                                       |                                     |
|-------------------------------------------------------|-------------------------------------|
| <b>Type of electrical connection</b>                  |                                     |
| • of modules and accessories                          | Spring-type terminal                |
| <b>Type of connectable conductor cross-sections</b>   |                                     |
| • 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)                      |
| <b>Tightening torque of the screws in the bracket</b> | 1 ... 1.2 N·m                       |

## Ambient conditions

|                                                                  |                                                                                                                                                |
|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ambient temperature</b>                                       |                                                                                                                                                |
| • during operation                                               | -25 ... +70 °C                                                                                                                                 |
| • during storage                                                 | -40 ... +80 °C                                                                                                                                 |
| <b>Environmental category during operation acc. to IEC 60721</b> | 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

|                                                    |                      |
|----------------------------------------------------|----------------------|
| <b>Mounting type</b>                               | front mounting       |
| • of modules and accessories                       | Front plate mounting |
| <b>Height</b>                                      | 40 mm                |
| <b>Width</b>                                       | 30 mm                |
| <b>Shape of the installation opening</b>           | round                |
| <b>Mounting diameter</b>                           | 22.3 mm              |
| <b>Positive tolerance of installation diameter</b> | 0.4 mm               |
| <b>Mounting height</b>                             | 11 mm                |
| <b>Installation width</b>                          | 29.5 mm              |

Installation depth

71.7 mm

## Certificates/approvals

### General Product Approval

### Declaration of Conformity

### Test Certificates



CCC



CSA



UL



EG-Konf.

[Werksbescheinigung](#)

### Test Certificates

### Shipping Approval

[spezielle  
Prüfbescheinigung](#)



ABS



LRS



PRS



RINA



RMRS

### other

[Bestätigungen](#)

## 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=3SU1150-0AB20-3FA0>

### Cax online generator

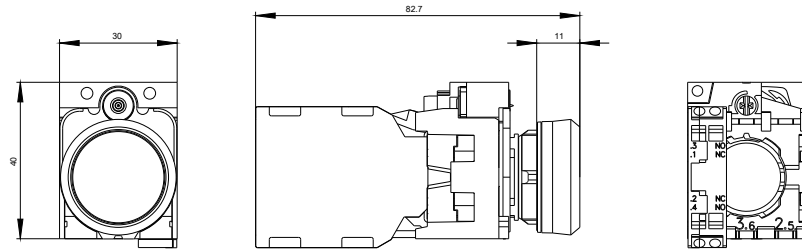
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0AB20-3FA0>

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

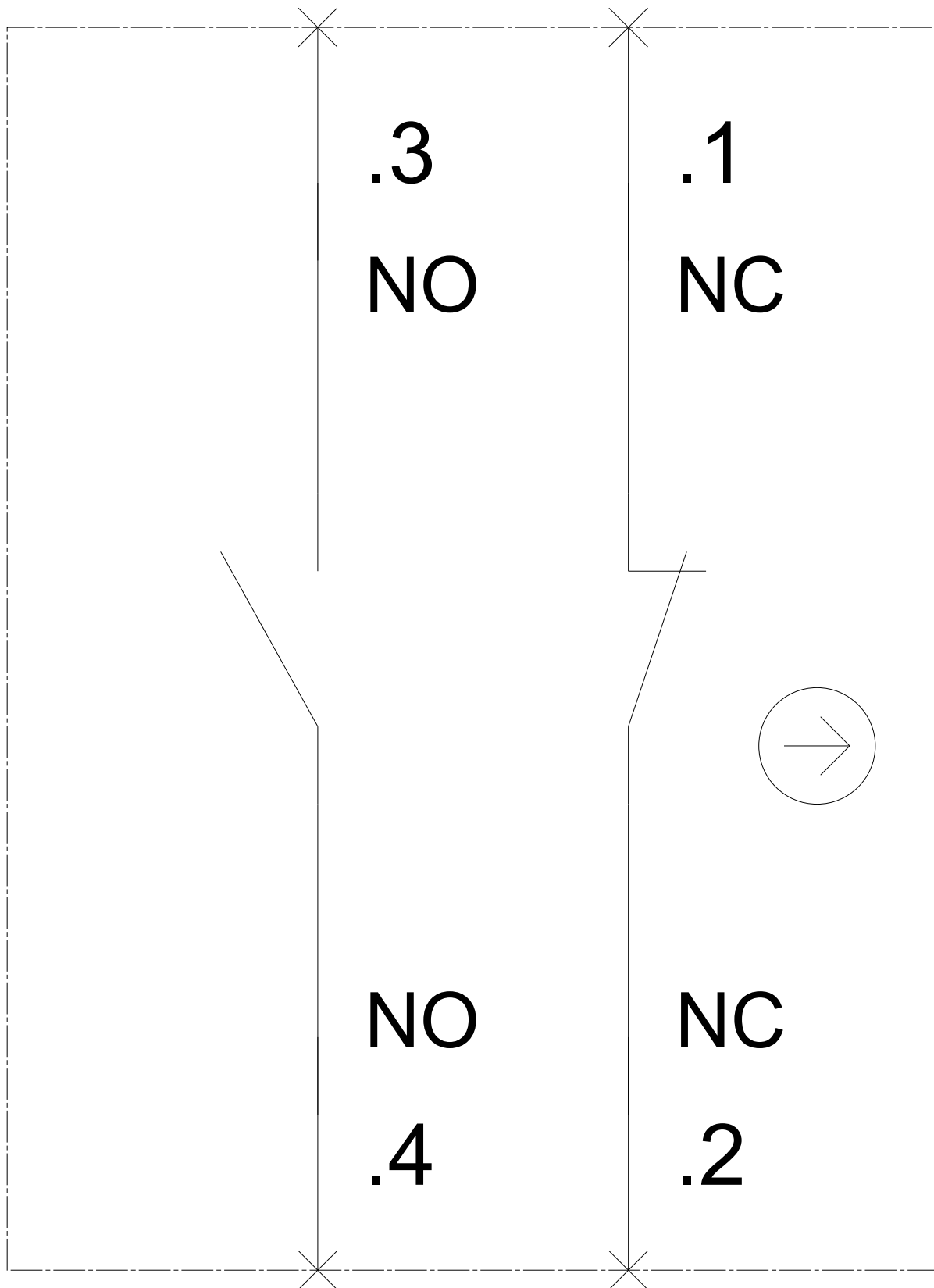
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-0AB20-3FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1150-0AB20-3FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-0AB20-3FA0&lang=en)



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