



Figure similar

SELECTOR SWITCH, CAN BE ILLUM., 22MM, ROUND, METAL, SHINY, BLACK, WHITE, SHORT SELECTOR SWITCH, 3 SWITCH POSITIONS I-O-II, LATCHING, ACTUATING ANGLE 2X45 DEG., 10:30H/12H/13:30H, WITH HOLDER, 1NO, 1NO, SPRING-TYPE TERMINAL

|                                |                                        |
|--------------------------------|----------------------------------------|
| Product brand name             | SIRIUS ACT                             |
| Product designation            | Selector switches                      |
| Product type designation       | 3SU1                                   |
| Manufacturer's article number  |                                        |
| • of supplied contact module   | 3SU1400-1AA10-3BA0, 3SU1400-1AA10-3BA0 |
| • 1 of supplied contact module | <a href="#">3SU1400-1AA10-3BA0</a>     |
| • 2 of supplied contact module | <a href="#">3SU1400-1AA10-3BA0</a>     |
| • of the supplied holder       | <a href="#">3SU1550-0AA10-0AA0</a>     |
| • of the supplied actuator     | <a href="#">3SU1052-2BL60-0AA0</a>     |

|                          |   |
|--------------------------|---|
| Enclosure                |   |
| Number of command points | 1 |

|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| Actuator                                    |                                        |
| Design of the operating mechanism           | Selector switch, short black handle    |
| Manner of function of the actuating element | latching, 2x45° (10:30 h/12 h/13:30 h) |
| Product extension optional Light source     | Yes                                    |
| Color of the actuating element              | White                                  |
| Material of the actuating element           | plastic                                |

|                                         |         |
|-----------------------------------------|---------|
| Shape of the actuating element          | round   |
| Outer diameter of the actuating element | 32.3 mm |
| Number of contact modules               | 2       |
| Number of switching positions           | 3       |
| Actuating angle                         |         |
| • clockwise                             | 45°     |
| • anticlockwise                         | 45°     |

#### 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                         | No                                |
| 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                | 1 800 1/h                         |
| Mechanical service life (switching cycles) |                                   |
| • typical                                  | 300 000                           |
| Electrical endurance (switching cycles)    |                                   |
| • typical                                  | 10 000 000                        |
| Thermal current                            | 10 A                              |
| Equipment marking                          |                                   |
| • acc. to DIN EN 61346-2                   | S                                 |
| • acc. to DIN EN 81346-2                   | 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                                                 |

## 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

### 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 2

### Number of NO contacts

- for auxiliary contacts 2

### 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

## Safety related data

### B10 value

- with high demand rate acc. to SN 31920 300 000

### Proportion of dangerous failures

- with low demand rate acc. to SN 31920 20 %
- with high demand rate acc. to SN 31920 20 %

### Failure rate [FIT]

- with low demand rate acc. to SN 31920 100 FIT

**T1 value for proof test interval or service life acc. to IEC 61508** 20 y

## Ambient conditions

|                                                           |                                                                                                                                                |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ambient temperature</b>                                |                                                                                                                                                |
| • 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

|                                                    |                      |
|----------------------------------------------------|----------------------|
| <b>Mounting type</b>                               |                      |
| • of modules and accessories                       | Front plate mounting |
| <b>Height</b>                                      | 40 mm                |
| <b>Width</b>                                       | 32.3 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>                             | 28.8 mm              |
| <b>Installation width</b>                          | 32.3 mm              |
| <b>Installation depth</b>                          | 49.7 mm              |

## Certificates/approvals

| General Product Approval                                                            |                                                                                     |                                                                                     |                                                                                     | Declaration of Conformity                                                             | Test Certificates                                            |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|
|  |  |  |  |  | <a href="#">Declaration of the Compliance with the order</a> |
| CCC                                                                                 | CSA                                                                                 | UL                                                                                  |                                                                                     | EG-Konf.                                                                              |                                                              |

| Test Certificates                        | Shipping Approval                                                                   |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <a href="#">Special Test Certificate</a> |  |  |  |  |  |
|                                          | ABS                                                                                 | LRS                                                                                 | PRS                                                                                 | RINA                                                                                  | RMRS                                                                                  |

|                              |
|------------------------------|
| <b>other</b>                 |
| <a href="#">Confirmation</a> |

## 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=3SU1150-2BL60-3NA0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-2BL60-3NA0>

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

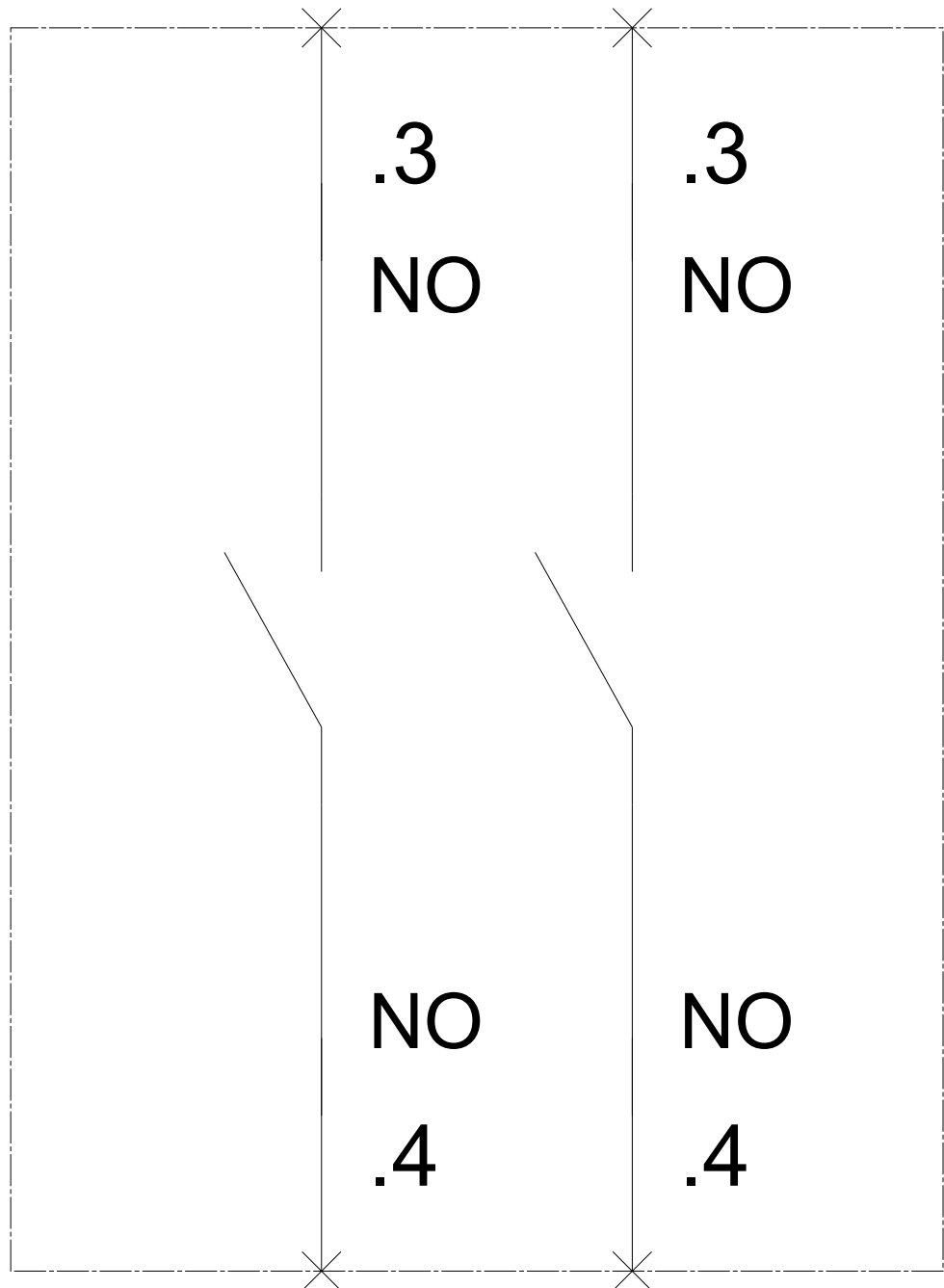
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-2BL60-3NA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1150-2BL60-3NA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-2BL60-3NA0&lang=en)



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