

COORDINATE SWITCH, 22MM, ROUND, METAL, SHINY, BLACK, 2 SWITCH POSITIONS, VERTICAL LATCHING, WITH MECHANICAL INTERLOCK IN THE O POSITION, WITH HOLDER, 1NO, 1NO, SCREW TERMINAL



Figure similar

|                                      |   |
|--------------------------------------|---|
| <b>Product brand name</b>            | SIRIUS ACT  |
| <b>Product designation</b>           | Coordinate switches   |
| <b>Product type designation</b>      | 3SU1  |
| <b>Manufacturer's article number</b> | <ul style="list-style-type: none"> <li>• of supplied contact module 3SU1400-1AA10-1BA0, 3SU1400-1AA10-1BA0</li> <li>• 2 of supplied contact module <a href="#">3SU1400-1AA10-1BA0</a></li> <li>• 4 of supplied contact module <a href="#">3SU1400-1AA10-1BA0</a></li> <li>• of the supplied holder <a href="#">3SU1550-0BA10-0AA0</a></li> <li>• of the supplied actuator <a href="#">3SU1050-7BB88-0AA0</a></li> </ul> |

| Enclosure                           |       |
|-------------------------------------|-------|
| <b>Shape of the enclosure front</b> | round |

| Actuator   |                              |
|--|------------------------------|
| <b>Design of the operating mechanism</b>           | with mechanical interlocking |
| <b>Manner of function of the actuating element</b> | Latching                     |
| <b>Direction of actuation</b>                      | Vertical                     |
| <b>Product extension optional Light source</b>     | No                           |
| <b>Color</b>                                       |                              |

|  |                           |
|--|---------------------------|
| • of the actuating element                     | black                     |
| <b>Material of the actuating element</b>       | plastic                   |
| <b>Shape of the actuating element</b>          | Extended handle           |
| <b>Outer diameter of the actuating element</b> | 30.5 mm                   |
| <b>Number of contact modules</b>               | 2                         |
| <b>Type of unlocking device</b>                | push-to-unlatch mechanism |
| <b>Number of switching positions</b>           | 2                         |

#### Front ring

|                                     |                   |
|-------------------------------------|-------------------|
| <b>Product component front ring</b> | Yes               |
| <b>Design of the front ring</b>     | high              |
| <b>Material of the front ring</b>   | Metal, high gloss |
| <b>Color of the front ring</b>      | silver            |

#### Holder

|                               |       |
|-------------------------------|-------|
| <b>Material of the holder</b> | Metal |
|-------------------------------|-------|

#### General technical data

|   |  |
|---|--|
| <b>Product function</b>   |  |
| • positive opening  | No   |
| <b>Insulation voltage</b>   |  |
| • rated value   | 500 V  |
| <b>Degree of pollution</b>  | 3  |
| <b>Surge voltage resistance rated value</b>   | 6 kV   |
| <b>Protection class IP</b>  | IP65, IP67   |
| • of the terminal   | IP20   |
| <b>Shock resistance</b>   |  |
| • acc. to IEC 60068-2-27  | Sinusoidal half-wave 50 g / 11 ms                    |
| <b>Vibration resistance</b>   |  |
| • acc. to IEC 60068-2-6   | 10 ... 500 Hz: 5g                                    |
| <b>Operating frequency maximum</b>  | 3 600 1/h  |
| <b>Mechanical service life (switching cycles)</b>   |  |
| • as operating period per direction of actuation typical                                  | 250 000  |
| <b>Electrical endurance (switching cycles)</b>  |  |
| • typical   | 10 000 000   |
| <b>Electrical endurance (switching cycles) with contactors 3RT1015 to 3RT1026 typical</b> | 10 000 000   |
| <b>Thermal current</b>  | 10 A   |
| <b>Equipment marking</b>  |  |
| • acc. to DIN EN 61346-2  | S  |
| • acc. to DIN EN 81346-2  | S  |
| <b>Continuous current of the C characteristic MCB</b>                                     | 10 A; for a short-circuit current smaller than 400 A |
| <b>Continuous current of the quick DIAZED fuse link</b>                                   | 10 A   |
| <b>Continuous current of the DIAZED fuse link gG</b>                                      | 10 A   |

| 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                                  | 0  |
| <b>Number of NO contacts</b>                              |  |
| • for auxiliary contacts                                  | 2  |
| <b>Number of CO contacts</b>                              |  |
| • for auxiliary contacts                                  | 0  |
| Connections/Terminals                                     |  |
| <b>Type of electrical connection</b>                      |  |
| • of modules and accessories                              | Screw-type terminal  |
| <b>Type of connectable conductor cross-sections</b>       |  |
| • solid with core end processing                          | 2x (0.5 ... 0.75 mm <sup>2</sup> )   |
| • solid without core end processing                       | 2x (1.0 ... 1.5 mm <sup>2</sup> )  |
| • finely stranded with core end processing                | 2x (0.5 ... 1.5 mm <sup>2</sup> )  |
| • finely stranded without core end processing             | 2x (1,0 ... 1,5 mm <sup>2</sup> )  |
| • at AWG conductors                                       | 2x (18 ... 14)   |
| <b>Tightening torque of the screws in the bracket</b>     | 1 ... 1.2 N·m  |
| <b>Tightening torque</b>                                  |  |
| • for auxiliary contacts with screw-type terminals        | 0.8 ... 1 N·m  |
| 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>                                      | front mounting   |
| • of modules and accessories                              | Front plate mounting   |
| <b>Height</b>   | 40 mm  |
| <b>Width</b>  | 40 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>                                    | 75.6 mm  |
| <b>Installation width</b>                                 | 30.5 mm  |
| <b>Installation depth</b>                                 | 53.7 mm  |

## Certificates/approvals

|                                 |                                  |                          |
|---------------------------------|----------------------------------|--------------------------|
| <b>General Product Approval</b> | <b>Declaration of Conformity</b> | <b>Test Certificates</b> |
|---------------------------------|----------------------------------|--------------------------|



CCC



CSA



UL



EG-Konf.

[Declaration of the Compliance with the order](#)

|                          |              |
|--------------------------|--------------|
| <b>Test Certificates</b> | <b>other</b> |
|--------------------------|--------------|

[Special Test Certificate](#)

[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?mfb=3SU1150-7BB88-1NA0>

**Cax online generator**

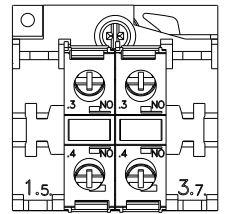
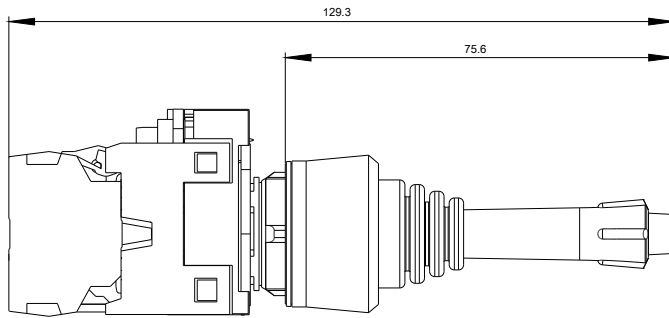
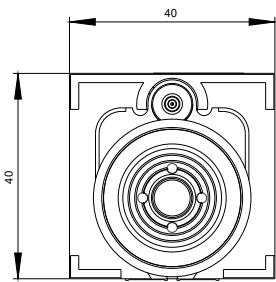
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1150-7BB88-1NA0>

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

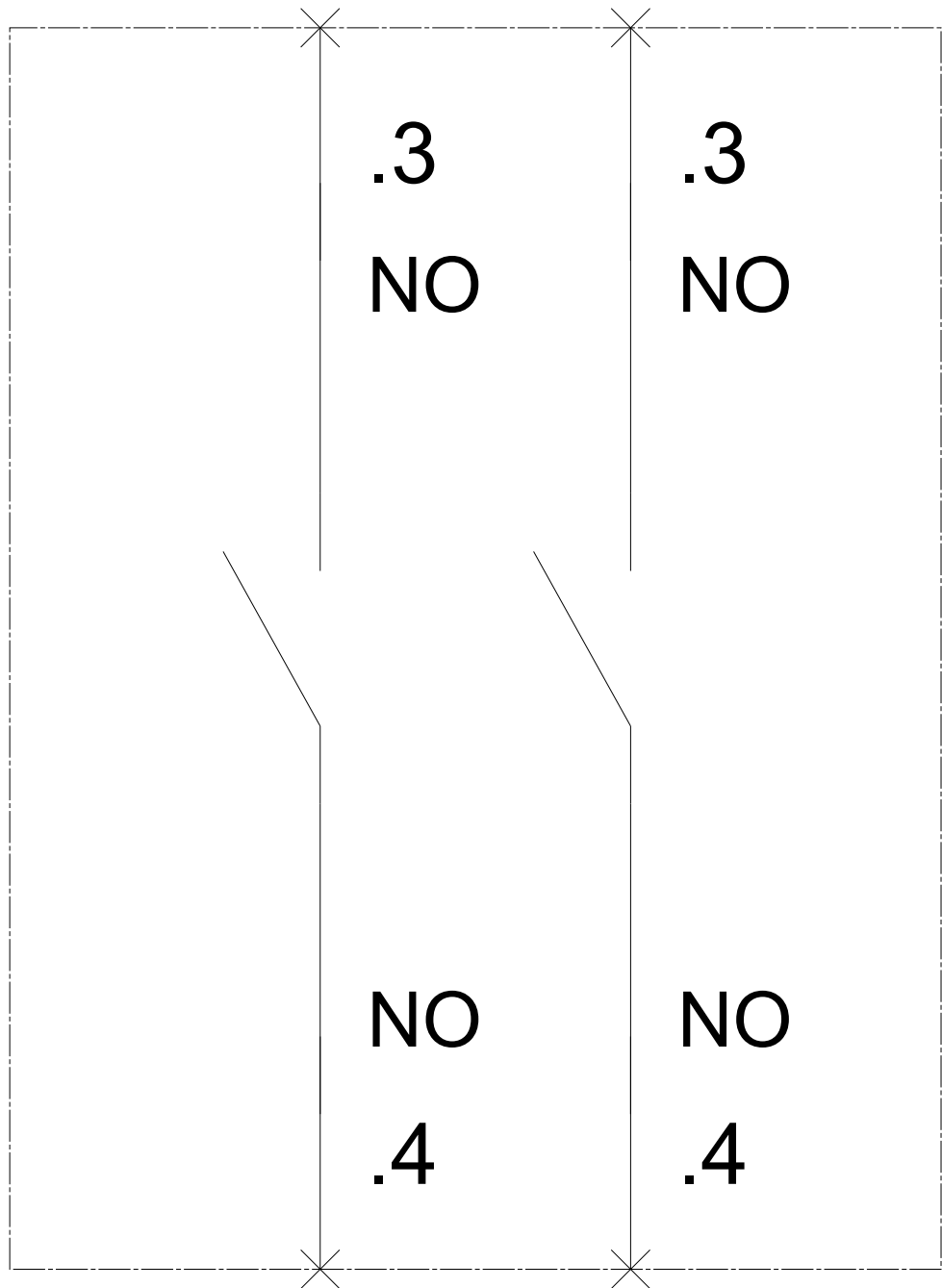
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-7BB88-1NA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SU1150-7BB88-1NA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1150-7BB88-1NA0&lang=en)



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