

RONIS KEY-OPERATED SWITCH, 22MM, ROUND, PLASTIC WITH METAL FRONT RING, LOCK NO. SB30, WITH 2 KEYS, 2 SWITCH POSITIONS O-I, LATCHING, ACTUATING ANGLE 90 DEG., 10:30H/13:30H, KEY REMOVAL POS. O+I, WITH HOLDER, 1NO, SCREW TERMINAL

|                                                                                                                                                                                              |                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>product brandname</b>                                                                                                                                                                     | SIRIUS ACT                                                                                                                                           |
| <b>Product designation</b>                                                                                                                                                                   | Key-operated switches                                                                                                                                |
| <b>Product type designation</b>                                                                                                                                                              | 3SU1                                                                                                                                                 |
| <b>Manufacturer's article number</b>                                                                                                                                                         |                                                                                                                                                      |
| <ul style="list-style-type: none"> <li>• of supplied contact module</li> <li>• 1 of supplied contact module</li> <li>• of the supplied holder</li> <li>• of the supplied actuator</li> </ul> | <a href="#">3SU1400-1AA10-1BA0</a><br><a href="#">3SU1400-1AA10-1BA0</a><br><a href="#">3SU1500-0AA10-0AA0</a><br><a href="#">3SU1030-4BF11-0AA0</a> |

### Enclosure

|                                 |   |
|---------------------------------|---|
| <b>Number of command points</b> | 1 |
|---------------------------------|---|

### Actuator

|                                                                              |                                 |
|------------------------------------------------------------------------------|---------------------------------|
| <b>Manner of function of the actuating element</b>                           | latching, 90° (10:30 h/13:30 h) |
| <b>Product extension optional Light source</b>                               | No                              |
| <b>Color</b>                                                                 |                                 |
| <ul style="list-style-type: none"> <li>• of the actuating element</li> </ul> | Silver                          |
| <b>Material of the actuating element</b>                                     | metal                           |
| <b>Shape of the actuating element</b>                                        | Key                             |
| <b>Outer diameter of the actuating element</b>                               | 29.5 mm                         |
| <b>Number of contact modules</b>                                             | 1                               |
| <b>Number of switching positions</b>                                         | 2                               |
| <b>Switch position for key distraction</b>                                   | O+I                             |
| <b>Actuating angle</b>                                                       |                                 |
| <ul style="list-style-type: none"> <li>• clockwise</li> </ul>                | 90°                             |
| <b>Lock make</b>                                                             | RONIS                           |
| <b>Key number</b>                                                            | SB30                            |

### Front ring

|                                     |             |
|-------------------------------------|-------------|
| <b>Product component front ring</b> | Yes         |
| <b>Design of the front ring</b>     | Standard    |
| <b>Material of the front ring</b>   | Metal, matt |
| <b>Color of the front ring</b>      | sand gray   |

### Holder

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

| General technical data                                  |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| <b>Product function</b>                                 |                                                      |
| • positive opening                                      | No                                                   |
| <b>Product component</b>                                |                                                      |
| • Light source                                          | 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>                              | IP66, IP67, IP69(IP69K)                              |
| • of the terminal                                       | IP20                                                 |
| <b>Degree of protection NEMA rating</b>                 | NEMA 1, 2, 3, 3R, 4, 4X, 12                          |
| <b>Vibration resistance</b>                             |                                                      |
| • acc. to IEC 60068-2-6                                 | 10 ... 500 Hz: 5g                                    |
| • for railway applications acc. to DIN EN 61373         | Category 1, Class B                                  |
| <b>Operating frequency maximum</b>                      | 1 800 1/h                                            |
| <b>Mechanical service life (switching cycles)</b>       |                                                      |
| • typical                                               | 300 000                                              |
| <b>Electrical endurance (switching cycles)</b>          |                                                      |
| • typical                                               | 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                                                 |

| Main circuit             |             |
|--------------------------|-------------|
| <b>Operating voltage</b> |             |
| • 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                           | 0            |
| <b>Number of NO contacts</b>                       |              |
| • for auxiliary contacts                           | 1            |
| <b>Number of CO contacts</b>                       |              |
| • for auxiliary contacts                           | 0            |

## Connections/Terminals

|                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type of electrical connection</b> <ul style="list-style-type: none"><li>• of modules and accessories</li></ul>                                                                                                                                                                                                     | Screw-type terminal                                                                                                                                                 |
| <b>Type of connectable conductor cross-sections</b> <ul style="list-style-type: none"><li>• solid with core end processing</li><li>• solid without core end processing</li><li>• finely stranded with core end processing</li><li>• finely stranded without core end processing</li><li>• at AWG conductors</li></ul> | 2x (0.5 ... 0.75 mm <sup>2</sup> )<br>2x (1.0 ... 1.5 mm <sup>2</sup> )<br>2x (0.5 ... 1.5 mm <sup>2</sup> )<br>2x (1,0 ... 1,5 mm <sup>2</sup> )<br>2x (18 ... 14) |
| <b>Tightening torque of the screws in the bracket</b>                                                                                                                                                                                                                                                                 | 1 ... 1.2 N·m                                                                                                                                                       |
| <b>Tightening torque</b> <ul style="list-style-type: none"><li>• for auxiliary contacts with screw-type terminals</li></ul>                                                                                                                                                                                           | 0.8 ... 0.9 N·m                                                                                                                                                     |

## Ambient conditions

|                                                                                                                        |                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ambient temperature</b> <ul style="list-style-type: none"><li>• during operation</li><li>• during storage</li></ul> | -25 ... +70 °C<br>-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> <ul style="list-style-type: none"><li>• of modules and accessories</li></ul> | 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>                                                                            | 49.4 mm              |
| <b>Installation width</b>                                                                         | 29.5 mm              |
| <b>Installation depth</b>                                                                         | 49.7 mm              |

## Certificates/approvals

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

| Test Certificates                             | Shipping Approval                                                                        |                                                                                          |                                                                                          |                                                                                             |                                                                                             |
|-----------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <a href="#">spezielle Prüfbescheinigungen</a> | <br>ABS | <br>LRS | <br>PRS | <br>RINA | <br>RMRS |

| other                         |
|-------------------------------|
| <a href="#">Bestätigungen</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=3SU1130-4BF11-1BA0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-4BF11-1BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-4BF11-1BA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1130-4BF11-1BA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-4BF11-1BA0&lang=en)

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