

POTENTIOMETER, COMPACT, 22MM, ROUND, PLASTIC, BLACK, 1K OHMS, WITH HOLDER, SCREW TERMINALS CONFORMITY WITH ROHS UNCONFIRMED



Figure similar

|   |                                    |
|---|------------------------------------|
| product brand name                          | SIRIUS ACT                         |
| Product designation                         | Commanding and signaling devices   |
| Design of the product                       | Potentiometer                      |
| Manufacturer article number                 |                                    |
| • of the supplied holder                    | <a href="#">3SU1500-0AA10-0AA0</a> |
| <b>Enclosure:</b>                           |                                    |
| Number of command points                    | 1                                  |
| <b>Actuator:</b>                            |                                    |
| Design of the operating mechanism           | Rotary knob                        |
| Manner of function of the actuating element | infinitely rotatable               |
| Color                                       |                                    |
| • of the actuating element                  | black                              |
| Material of the actuating element           | plastic                            |
| Shape of the actuating element              | round                              |
| Outer diameter of the actuating element     | 30 mm                              |
| <b>Front ring:</b>                          |                                    |
| Product component front ring                | No                                 |
| <b>Holder:</b>                              |                                    |

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

### General technical data:

|   |                                   |
|---|-----------------------------------|
| <b>Active power consumption</b>                   | 0.5 W                             |
| <b>Insulation voltage</b>                         |                                   |
| • rated value                                     | 500 V                             |
| <b>Degree of pollution</b>                        | 3                                 |
| <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>Shock resistance</b>                           |                                   |
| • acc. to IEC 60068-2-27                          | Sinusoidal half-wave 50 g / 11 ms |
| • for railway applications acc. to DIN EN 61373   | Category 1, Class B               |
| <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>Mechanical service life (switching cycles)</b> |                                   |
| • typical   | 25 000                            |
| <b>Equipment marking</b>                          |                                   |
| • acc. to DIN EN 61346-2                          | S                                 |
| • acc. to DIN EN 81346-2                          | S                                 |

### Connections/ Terminals:

|   |                                    |
|---|------------------------------------|
| <b>Type of electrical connection</b>                  | screw-type terminals               |
| <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>Connectable conductor cross-section</b>            |                                    |
| • finely stranded with core end processing            | 0.5 ... 1.5 mm <sup>2</sup>        |
| <b>Tightening torque of the screws in the bracket</b> | 1 ... 1.2 N·m                      |
| <b>Tightening torque</b>                              |                                    |
| • 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 |

### Installation/ mounting/ dimensions:

|  |       |
|--|-------|
| <b>Height</b>                            | 40 mm |
| <b>Width</b>                             | 30 mm |
| <b>Shape of the installation opening</b> | round |

|                    |         |
|--------------------|---------|
| Mounting diameter  | 22.3 mm |
| Mounting height    | 19.4 mm |
| Installation width | 30 mm   |
| Installation depth | 46 mm   |

#### Certificates/approvals

General Product Approval

Declaration of Conformity



#### 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=3SU12002PQ101AA0>

**Cax online generator**

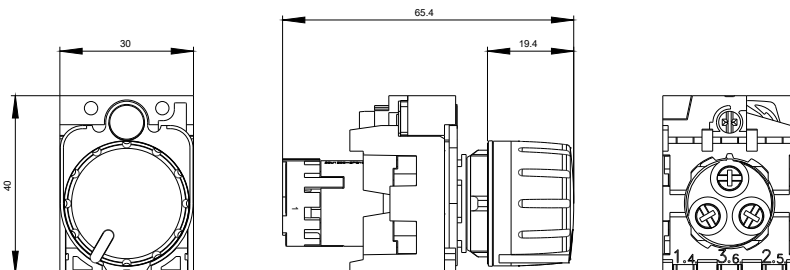
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU12002PQ101AA0>

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

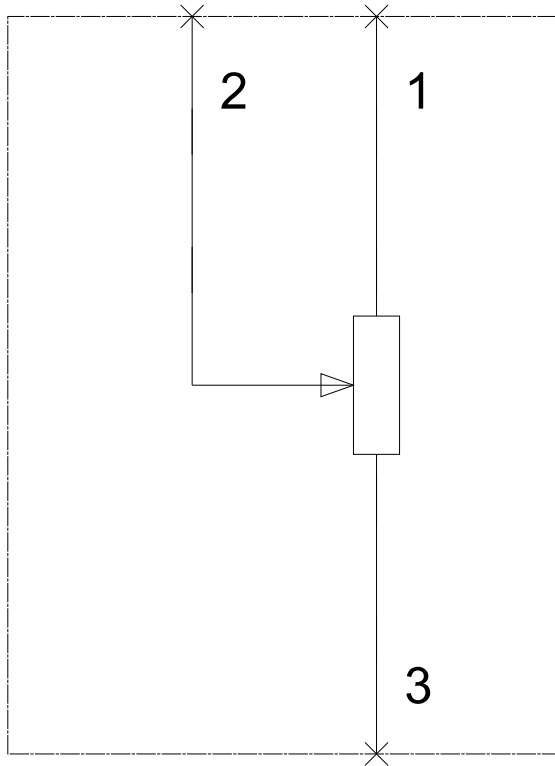
<https://support.industry.siemens.com/cs/ww/en/ps/3SU12002PQ101AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU12002PQ101AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU12002PQ101AA0&lang=en)



**-R**  
1 KOhm



last modified:

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