

Potentiometer, compact, 22 mm, round, plastic, black, 1k ohm, with holder, screw terminal



|                               |                                    |
|-------------------------------|------------------------------------|
| Product brand name            | SIRIUS ACT                         |
| Product designation           | Potentiometers                     |
| Design of the product         | Compact unit                       |
| Product type designation      | 3SU1                               |
| Product line                  | Plastic, black, 22 mm              |
| Manufacturer's article number |                                    |
| • of the supplied holder      | <a href="#">3SU1500-0AA10-0AA0</a> |





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

| Actuator                                    |  |
|---|--|
| Design of the operating mechanism           | Rotary knob  |
| Manner of function of the actuating element | Infinitely variable adjustment, angle of rotation 280° |
| 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  |
| Maximum deflection angle [°]                | 280°   |

| Front ring  |  |
|---|--|
| Product component front ring                              | No   |
| Holder  |  |
| Material of the holder                                    | Plastic  |
| General technical data                                    |  |
| <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>                   | 1, 2, 3, 3R, 4, 4X, 12, 13   |
| <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>Reference code acc. to DIN EN 81346-2</b>              | S  |
| <b>Reference code acc. to DIN EN 61346-2</b>              | 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>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   |
| 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>Height</b>   | 40 mm  |

|   |         |
|---|---------|
| Width                                       | 30 mm   |
| Shape of the installation opening           | round   |
| Mounting diameter                           | 22.3 mm |
| Positive tolerance of installation diameter | 0.4 mm  |
| Mounting height                             | 19.4 mm |
| Installation width                          | 30 mm   |
| Installation depth                          | 46 mm   |

#### Certificates/ approvals

| General Product Approval  |   | Declaration of Conformity   |   | Test Certificates   |
|---|---|---|---|---|
|  |  |  |  | <a href="#">Miscellaneous</a><br><a href="#">Type Test Certificates/Test Report</a> |

#### other

[Confirmation](#)

#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1200-2PQ10-1AA0>

**Cax online generator**

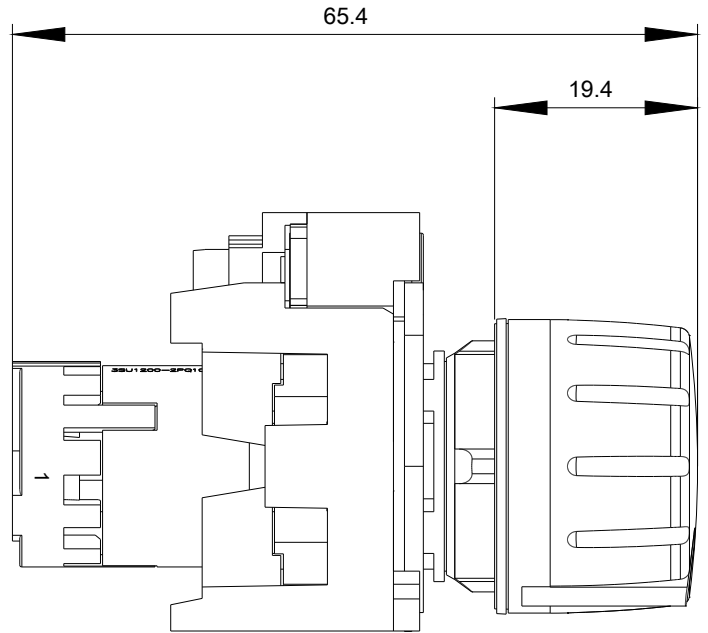
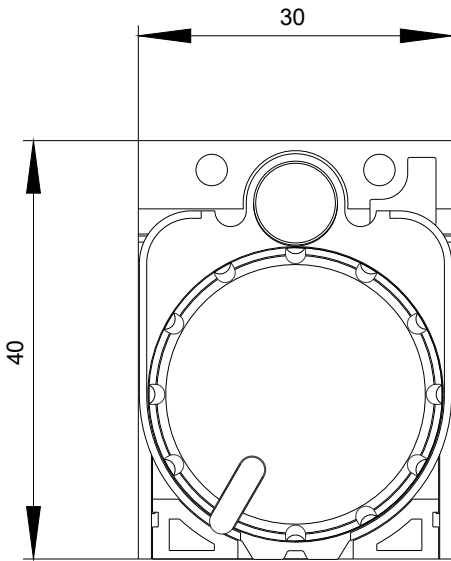
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-2PQ10-1AA0>

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

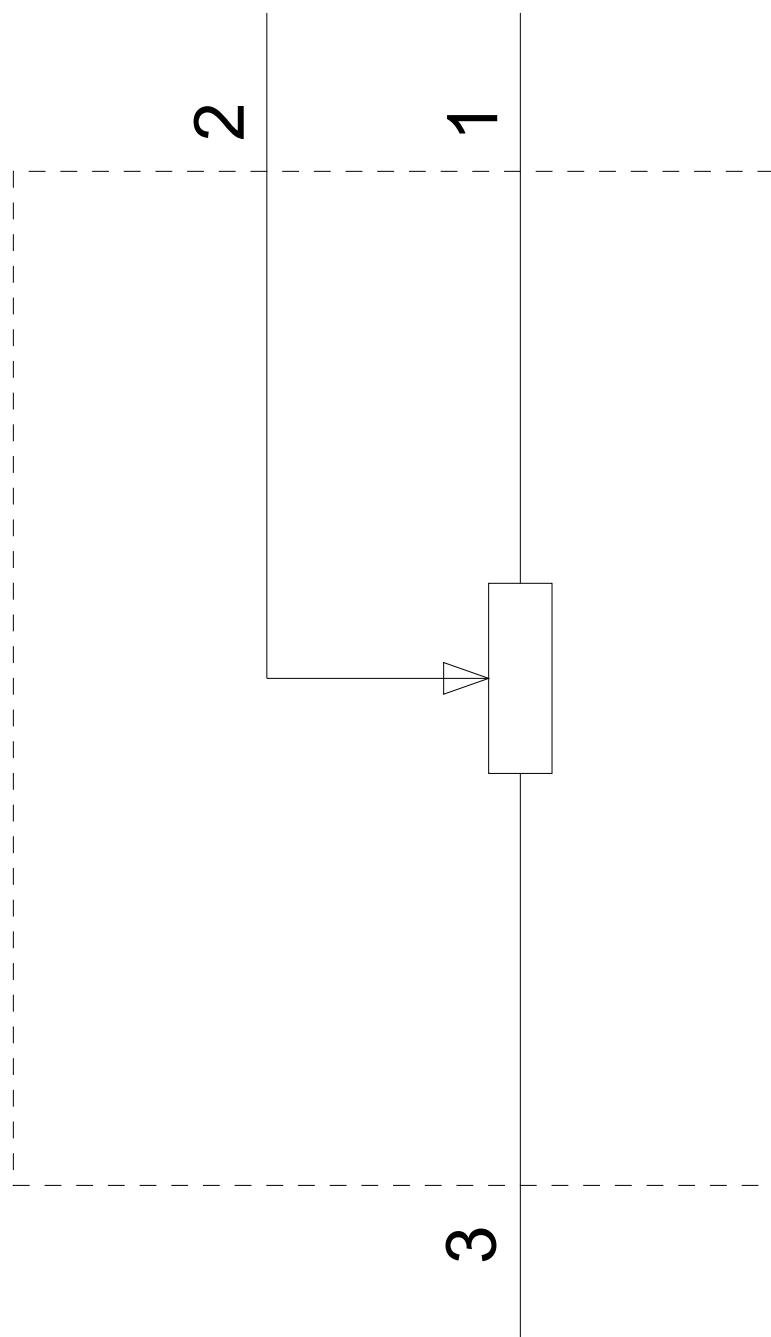
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1200-2PQ10-1AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1200-2PQ10-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1200-2PQ10-1AA0&lang=en)



1 KOhm  
-R



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03/10/2020