

Potentiometer, compact, 22 mm, round, plastic, black, 4.7k ohm, with holder, screw terminal



|                               |                                    |
|-------------------------------|------------------------------------|
| Product brand name            | SIRIUS ACT                         |
| Product designation           | Potentiometers                     |
| Design of the product         | Compact unit                       |
| Product type designation      | 3SU1                               |
| 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>           | NEMA 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>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   |
| <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  |

|                    |         |
|--------------------|---------|
| 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> |
| CSA   | UL  |   | EG-Konf.  |   |

#### other

[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?mlfb=3SU1200-2PR10-1AA0>

##### Cax online generator

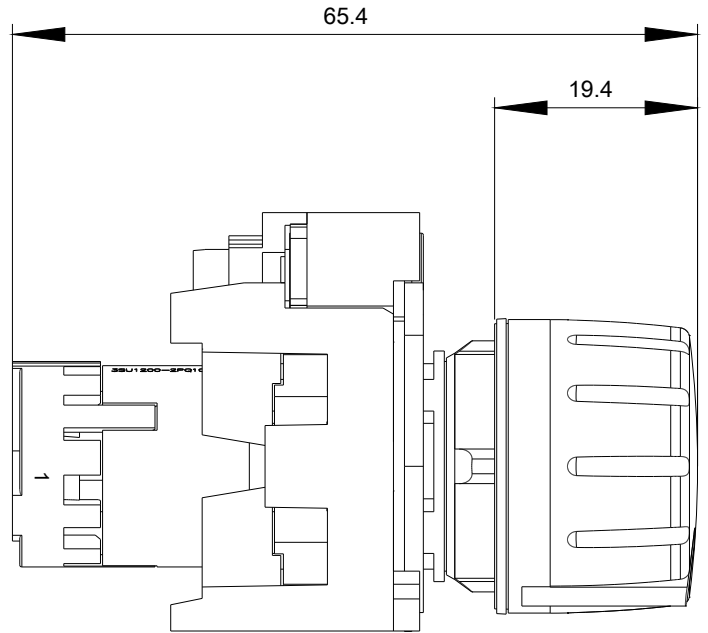
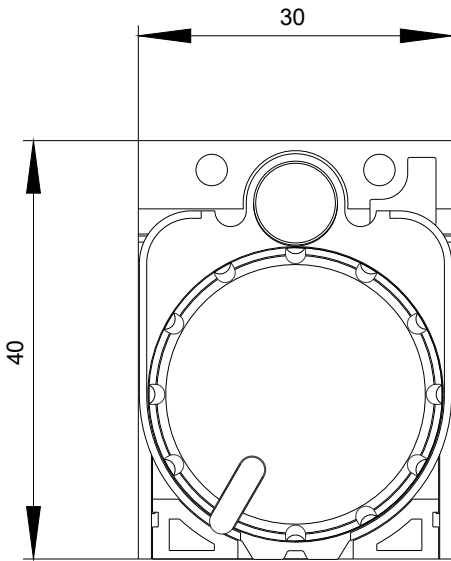
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-2PR10-1AA0>

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

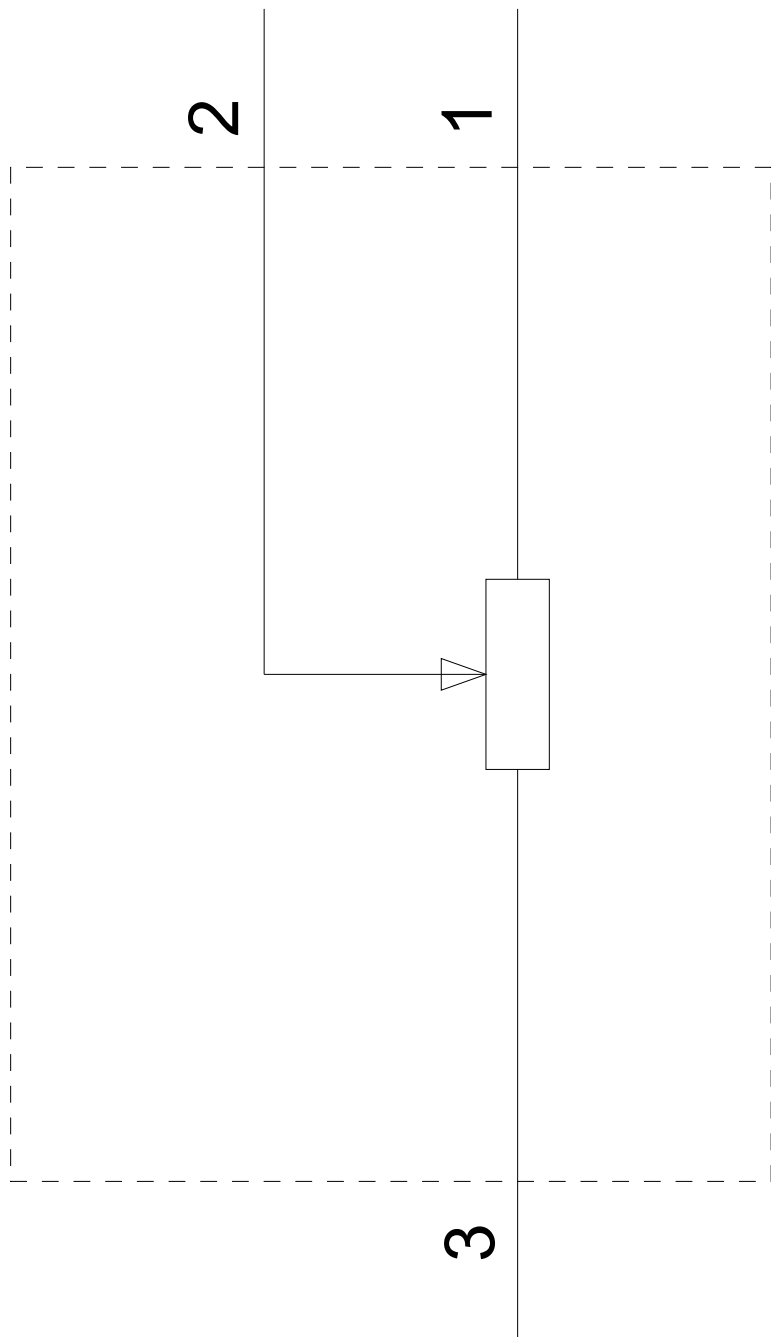
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1200-2PR10-1AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1200-2PR10-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1200-2PR10-1AA0&lang=en)



$-R$   
4.7 kOhm



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