SIEMENS

## Data sheet 3SU1200-2PV10-1AA0-Z Y19



Potentiometer, compact, 22 mm, round, plastic, black, 470k ohm, with holder, screw terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

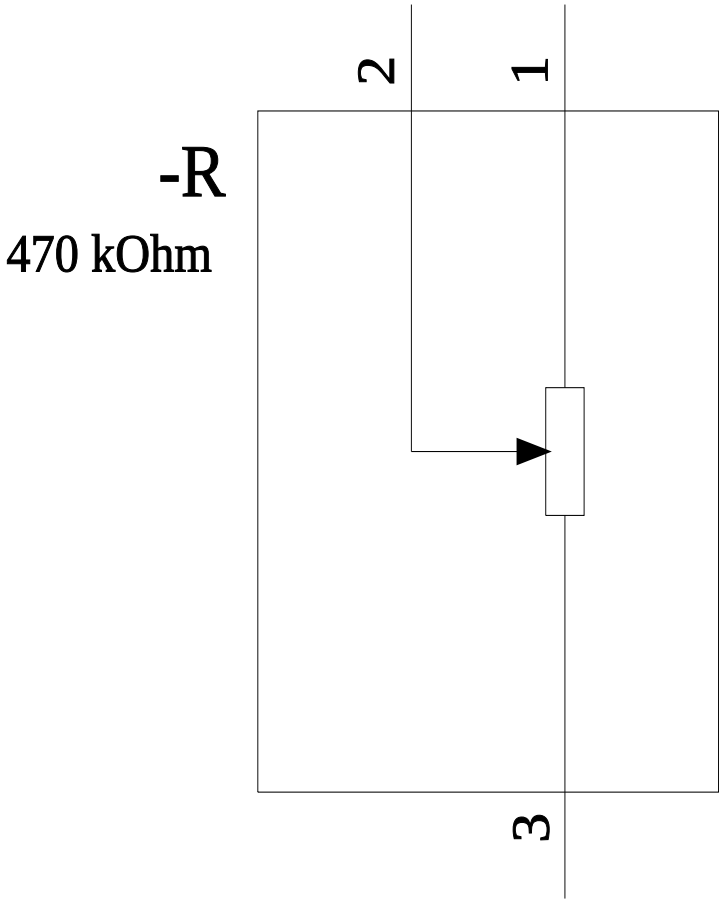
| | |
|---|---|
| **product brand name** | SIRIUS ACT |
| **product designation** | Potentiometers |
| **design of the product** | Compact unit |
| **product type designation** | 3SU1 |
| **product line** | Plastic, black, 22 mm |
| manufacturer's article number of the supplied holder | 3SU1550-0AA10-0AA0 |
| **Enclosure** | |
| **number of command points** | 1 |
| **Actuator** | |
| **design of the actuating element** | Rotary knob |
| **principle of operation 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 |
| **marking of the actuating element** | Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) |
| **Maximum deflection angle [°]** | 280° |
| **Front ring** | |
| **product component front ring** | No |
| **Holder** | |
| **material of the holder** | Plastic |
| **General technical data** | |
| **consumed active power** | 1 W |
| **insulation voltage rated value** | 500 V |
| **degree of pollution** | 3 |
| **protection class IP** | IP66, IP67, IP69(IP69K) |
| ● of the terminal | IP20, clamping screw tightened |
| **degree of protection NEMA rating** | 1, 2, 3, 3R, 4, 4X, 12, 13 |
| **shock resistance** | |
| ● **according to IEC 60068-2-27** | sinusoidal half-wave 15g / 11 ms |
| ● for railway applications according to EN 61373 | Category 1, Class B |
| **vibration resistance** | |
| ● **according to IEC 60068-2-6** | 10 ... 500 Hz: 5g |
| ● for railway applications according to EN 61373 | Category 1, Class B |
| **mechanical service life (operating cycles) typical** | 25 000 |
| **reference code according to IEC 81346-2** | S |
| **Substance Prohibitance (Date)** | 10/01/2014 |
| **Connections/ Terminals** | |
| **type of electrical connection** | screw-type terminals |


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| | |
|---|---|
| **type of connectable conductor cross-sections** | |
| ● solid with core end processing | 2x (0.5 ... 0.75 mm²) |
| ● solid without core end processing | 2x (1.0 ... 1.5 mm²) |
| ● finely stranded with core end processing | 2x (0.5 ... 1.5 mm²) |
| ● finely stranded without core end processing | 2x (1,0 ... 1,5 mm²) |
| ● at AWG cables | 2x (18 ... 14) |
| **tightening torque of the screws in the bracket** | 1 ... 1.2 N·m |
| tightening torque with screw-type terminals | 0.8 ... 1 N·m |
| **Ambient conditions** | |
| **ambient temperature** | |
| ● during operation | -25 ... +70 °C |
| ● during storage | -40 ... +80 °C |
| environmental category during operation according 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** | |
| **height** | 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** | |
| **Further information** | |

**Siemens has decided to exit the Russian market (see here).**
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
**Siemens is working on the renewal of the current EAC certificates.**
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
**Information on the packaging**
https://support.industry.siemens.com/cs/ww/en/view/109813875
**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=3SU1200-2PV10-1AA0-Z Y19
**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-2PV10-1AA0-Z Y19
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SU1200-2PV10-1AA0-Z Y19
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1200-2PV10-1AA0-Z Y19&lang=en


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**last modified:** 8/25/2022


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