

Siemens  
EcoTech



Selector switch, 22 mm, round, plastic, white, Rotary knob, 4 switch positions I-II-III-IV, latching, Actuating angle 4x90°, 3h/6h/9h/12h



|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| product brand name                                 | SIRIUS ACT                         |
| product designation                                | Selector switches                  |
| design of the product                              | Actuating/signaling element        |
| product type designation                           | 3SU1                               |
| product line                                       | Plastic, black, 22 mm              |
| <b>Enclosure</b>                                   |                                    |
| number of command points                           | 1                                  |
| <b>Actuator</b>                                    |                                    |
| design of the actuating element                    | Rotary knob                        |
| principle of operation of the actuating element    | Latching, 4x90° (3/6/9/12 o'clock) |
| product extension optional                         |                                    |
| • light source                                     | No                                 |
| • contact module                                   | Yes                                |
| color of the actuating element                     | white                              |
| material of the actuating element                  | plastic                            |
| shape of the actuating element                     | Button                             |
| outer diameter of the actuating element            | 29.5 mm                            |
| number of switching positions                      | 4                                  |
| actuating angle                                    |                                    |
| • clockwise                                        | 360°                               |
| • anticlockwise                                    | 360°                               |
| <b>Front ring</b>                                  |                                    |
| product component front ring                       | Yes                                |
| design of the front ring                           | standard                           |
| material of the front ring                         | plastic                            |
| color of the front ring                            | black                              |
| <b>General technical data</b>                      |                                    |
| protection class IP                                | IP66, IP67, IP69(IP69K)            |
| 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                |
| operating frequency maximum                        | 1 800 1/h                          |
| mechanical service life (operating cycles) typical | 1 000 000                          |

|                                         |                     |
|-----------------------------------------|---------------------|
| reference code according to IEC 81346-2 | S                   |
| Substance Prohibittance (Date)          | 10/01/2014          |
| SVHC substance name                     | Melamine - 108-78-1 |
| Weight                                  | 23 g                |

| 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%) |

| Environmental footprint                                |                 |
|--------------------------------------------------------|-----------------|
| Environmental Product Declaration (EPD)                | Yes             |
| global warming potential [CO2 eq] total                | 0.787 kg        |
| global warming potential [CO2 eq] during manufacturing | 0.566 kg        |
| global warming potential [CO2 eq] during operation     | 0.235 kg        |
| global warming potential [CO2 eq] after end of life    | -0.015 kg       |
| Siemens Eco Profile (SEP)                              | Siemens EcoTech |

| Installation/ mounting/ dimensions          |         |
|---------------------------------------------|---------|
| height                                      | 29.5 mm |
| width                                       | 29.5 mm |
| shape of the installation opening           | round   |
| mounting diameter                           | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm  |
| mounting height                             | 28.8 mm |
| installation width                          | 29.5 mm |
| installation depth                          | 29.4 mm |

| Approvals Certificates   |                   |                      |
|--------------------------|-------------------|----------------------|
| General Product Approval | Test Certificates | Maritime application |



[Type Test Certificates/Test Report](#)



|                      |       |             |
|----------------------|-------|-------------|
| Maritime application | other | Environment |
|----------------------|-------|-------------|



[Confirmation](#)



Siemens EcoTech



| Environment |
|-------------|
|-------------|

[Environmental Confirmations](#)

| Further information |
|---------------------|
|---------------------|

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1000-2AS60-0AA0>

Cax online generator

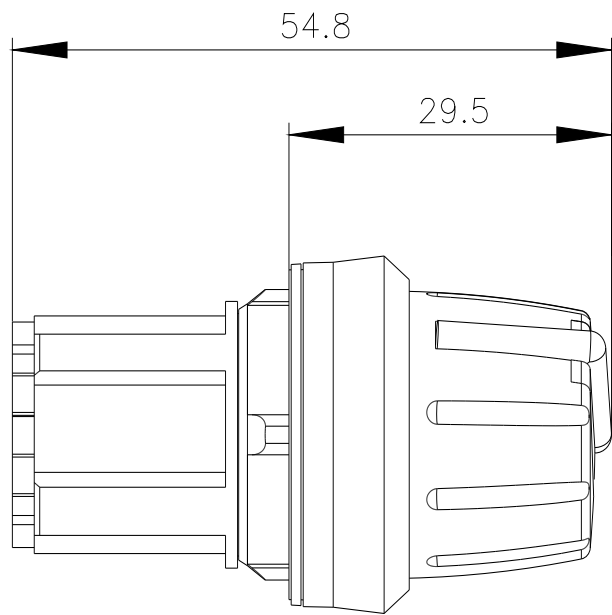
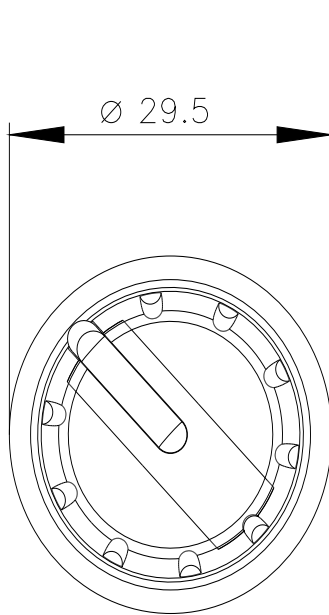
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-2AS60-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-2AS60-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1000-2AS60-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-2AS60-0AA0&lang=en)



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last modified:

9/18/2025 