## SIEMENS

## Data sheet

## 3SU1002-2BC10-0AA0

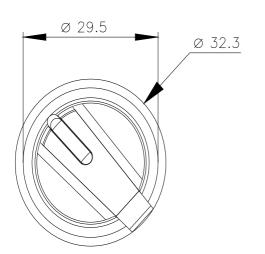


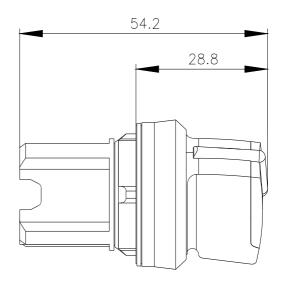
Illuminable selector switch, 22 mm, round, plastic, black, Selector switch short, 2 switch positions O<I, momentary contact type, Actuating angle 45°, 10:30h/12h

| 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   |
| Enclosure  |   |
| number of command points   | 1   |
| Actuator   |   |
| design of the actuating element                                    | Selector, short   |
| principle of operation of the actuating element                    | momentary contact, 45° (10:30 h/12 h), return from center to left |
| product extension optional   |   |
| light source   | Yes   |
| contact module   | Yes   |
| color of the actuating element                                     | black   |
| material of the actuating element                                  | plastic   |
| shape of the actuating element                                     | Handle  |
| outer diameter of the actuating element                            | 32.3 mm   |
| number of switching positions                                      | 2   |
| actuating angle  |   |
| clockwise  | 45°   |
| Front ring   |   |
| product component front ring                                       | Yes   |
| design of the front ring   | standard  |
| material of the front ring   | plastic   |
| color of the front ring  | black   |
| General technical data   |   |
| protection class IP  | IP66, IP67, IP69(IP69K)   |
| degree of protection NEMA rating                                   | 1, 2, 3, 3R, 4, 4X, 12, 13  |
| shock resistance   |   |
| <ul> <li>according to IEC 60068-2-27</li> </ul>                    | sinusoidal half-wave 15g / 11 ms                                  |
| <ul> <li>for railway applications according to EN 61373</li> </ul> | Category 1, Class B   |
| vibration resistance   |   |
| according to IEC 60068-2-6   | 10 500 Hz: 5g   |
| <ul> <li>for railway applications according to EN 61373</li> </ul> | 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 Prohibitance (Date)                                      | 10/01/2014  |
| Safety related data  |   |
| B10 value with high demand rate according to SN 31920              | 500 000   |

| proportion of danger   |  |   |   |                                     |                            |
|--|--|---|---|-------------------------------------|----------------------------|
|  |  |   |   |                                     |                            |
| with low demand rate according to SN 31920     with birth demand rate according to SN 31920  |  |   | %   |                                     |                            |
| with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920  |  | 20  | 20 %  |                                     |                            |
|  | w demand rate according to   | SN 31920 100  | FIT   |                                     |                            |
| mbient conditions  |  | _   | _   |                                     |                            |
| ambient temperature  |  |   |   |                                     |                            |
| during operation   |  |   | -25 +70 °C  |                                     |                            |
| • during storage environmental category during operation according to IEC  |  |   | -40 +80 °C<br>3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)                                  |                                     |                            |
| 60721  | <u> </u>   | to IEC 3M   | o, 382, 382, 3C3, 3K6 (   | with relative air humidity o        | of 10 95%)                 |
| nstallation/ mounting/   | dimensions   |   |   |                                     |                            |
| height   |  |   | 3 mm  |                                     |                            |
| width  |  |   | 3 mm  |                                     |                            |
| shape of the installation opening  |  | rou   | na<br>3 mm  |                                     |                            |
| mounting diameter positive tolerance of i  | netallation diamotor   |   | mm  |                                     |                            |
| mounting height  |  |   | 3 mm  |                                     |                            |
| installation width   |  |   | 3 mm  |                                     |                            |
| installation depth   |  |   | 4 mm  |                                     |                            |
| ertificates/ approvals   |  | 20.   |   |                                     |                            |
| General Product App  | roval  |   |   | Declaration of Cor                  | nformity                   |
|  |  |   |   |                                     |                            |
| Test Certificates  |  | Marine / Shipping   |   |                                     |                            |
|  |  |   |   |                                     |                            |
| <u>Special Test Certific-</u><br><u>ate</u>  | <u>Type Test Certific-</u><br>ates/Test Report   | ABS   | Lloyd's<br>Register<br>uts  | PRS                                 | RINA                       |
|  |  | ABS   | Lloyd's<br>Register<br>urs  | PRS                                 | RINA                       |
| ate  | ates/Test Report   | ABS   | Lloydis<br>Register<br>urs  | PRS                                 | RINA                       |
| <u>ate</u><br>other  | ates/Test Report   | ABS   | Lloyds<br>LRS   | PRS                                 | <b>EINA</b>                |
| ate<br>other<br><u>Confirmation</u>  | ates/Test Report   | ABS   | Lloydis<br>Kegister<br>uts  | PRS                                 | RINA                       |
| ate<br>other<br><u>Confirmation</u><br>urther information<br>Siemens has decided   | ates/Test Report   | t (see here).   |   | PRS                                 | RINA                       |
| other<br>Confirmation<br>urther information<br>Siemens has decided<br>https://press.siemens.co   | Environment<br>Environmental Con-<br>firmations<br>to exit the Russian marke   | t (see here).<br>siemens-wind-down-m  |   | PRS                                 | <b>RINA</b>                |
| other<br>Confirmation<br>Confirmation<br>Siemens has decided<br>https://press.siemens.c<br>Siemens is working o<br>Please contact your loc   | to exit the Russian marke<br>om/global/en/pressrelease/s<br>n the renewal of the current<br>cal Siemens office on the sta  | t (see here).<br>siemens-wind-down-m<br>nt EAC certificates.<br>itus of validity of the E   | ssian-business<br>AC certification if you ini   | Prs<br>Prs                          | Supply these products to a |
| other<br>Confirmation<br>Confirmation<br>Siemens has decided<br>https://press.siemens.c<br>Siemens is working o<br>Please contact your loc<br>EAC relevant market (c   | to exit the Russian marke<br>om/global/en/pressrelease/s<br>n the renewal of the current<br>cal Siemens office on the sta<br>other than the sanctioned EA  | t (see here).<br>siemens-wind-down-m<br>nt EAC certificates.<br>itus of validity of the E   | ssian-business<br>AC certification if you ini   | PRS<br>PRS                          | Supply these products to a |
| ate<br>other<br>Confirmation<br>Confirmation<br>Siemens has decided<br>https://press.siemens.c<br>Siemens is working o<br>Please contact your loc<br>EAC relevant market (c<br>Information on the pa   | to exit the Russian marke<br>om/global/en/pressrelease/s<br>n the renewal of the current<br>cal Siemens office on the sta<br>other than the sanctioned EA  | t (see here).<br>siemens-wind-down-ru<br>nt EAC certificates.<br>tus of validity of the E<br>\EU member states R  | ssian-business<br>AC certification if you ini   | PRS<br>end to import or offer to s  | Supply these products to a |
| ate<br>other<br>Confirmation<br>Confirmation<br>Siemens has decided<br>https://press.siemens.co<br>Siemens is working o<br>Please contact your loc<br>EAC relevant market (c<br>Information on the pa<br>https://support.industry<br>Information- and Dow  | to exit the Russian marke<br>om/global/en/pressrelease/s<br>n the renewal of the curren<br>sal Siemens office on the sta<br>ther than the sanctioned EA<br>ckaging<br>.siemens.com/cs/ww/en/view<br>mloadcenter (Catalogs, Bro   | t (see here).<br>siemens-wind-down-ru<br>nt EAC certificates.<br>tus of validity of the E<br>\EU member states R<br>\v/109813875  | ssian-business<br>AC certification if you ini   | PRS<br>eend to import or offer to s | supply these products to a |
| ate<br>other<br>Confirmation<br>Confirmation<br>Siemens has decided<br>https://press.siemens.co<br>Siemens is working o<br>Please contact your loc<br>EAC relevant market (c<br>Information on the pa<br>https://support.industry<br>Information- and Dow<br>https://www.siemens.co  | to exit the Russian marke<br>om/global/en/pressrelease/s<br>n the renewal of the curren<br>sal Siemens office on the sta<br>ther than the sanctioned EA<br>ckaging<br>.siemens.com/cs/ww/en/view<br>mloadcenter (Catalogs, Bro<br>om/ic10  | t (see here).<br>siemens-wind-down-ru<br>nt EAC certificates.<br>tus of validity of the E<br>\EU member states R<br>\v/109813875  | ssian-business<br>AC certification if you ini   | PFS                                 | supply these products to a |
| ate<br>other<br>Confirmation<br>Confirmation<br>Siemens has decided<br>https://press.siemens.cc<br>Siemens is working o<br>Please contact your loc<br>EAC relevant market (c<br>Information on the pa<br>https://support.industry<br>Information- and Dow<br>https://www.siemens.cc<br>Industry Mall (Online   | to exit the Russian marke<br>om/global/en/pressrelease/s<br>n the renewal of the curren<br>sal Siemens office on the sta<br>ther than the sanctioned EA<br>ckaging<br>.siemens.com/cs/ww/en/view<br>mloadcenter (Catalogs, Bro<br>om/ic10  | t (see here).<br>siemens-wind-down-ru<br>nt EAC certificates.<br>itus of validity of the E<br>kEU member states R<br>w/109813875<br>ochures,)   | ssian-business<br>AC certification if you ini<br>ussia or Belarus).   | eend to import or offer to s        | Supply these products to a |
| ate<br>other<br><u>Confirmation</u><br><u>Siemens has decided</u><br>https://press.siemens.cc<br>Siemens is working o<br>Please contact your loc<br>EAC relevant market (c<br>Information on the pa<br>https://support.industry<br>Information- and Dow<br>https://www.siemens.cc<br>Industry Mall (Online<br>https://mall.industry.sie<br>Cax online generator  | Environment<br>Environmental Con-<br>firmations<br>to exit the Russian marke<br>om/global/en/pressrelease/s<br>n the renewal of the currer<br>cal Siemens office on the sta<br>other than the sanctioned EA<br>ckaging<br>.siemens.com/cs/ww/en/view<br>mloadcenter (Catalogs, Bro<br>om/ic10<br>ordering system)<br>mens.com/mall/en/en/Catalog | t (see here).<br>siemens-wind-down-m<br>nt EAC certificates.<br>itus of validity of the E<br>VEU member states R<br>v/109813875<br>ochures,)  | ssian-business<br>AC certification if you ini<br>ussia or Belarus).   |                                     | supply these products to a |
| ate<br>other<br><u>Confirmation</u><br><u>Siemens has decided</u><br>https://press.siemens.cc<br>Siemens is working o<br>Please contact your loc<br>EAC relevant market (c<br>Information on the pa<br>https://support.industry<br>Information- and Dow<br>https://www.siemens.cc<br>Industry Mall (Online<br>https://mall.industry.sie<br>Cax online generator<br>http://support.automatic  | Environment Environmental Con-<br>firmations to exit the Russian market om/global/en/pressrelease/s n the renewal of the curret cal Siemens office on the sta ther than the sanctioned EA ckaging .siemens.com/cs/ww/en/view mloadcenter (Catalogs, Bro om/ic10 ordering system) mens.com/mall/en/en/Catalo on.siemens.com/WW/CAXor              | t (see here).<br>siemens-wind-down-m<br>nt EAC certificates.<br>itus of validity of the E<br>NEU member states R<br>w/109813875<br>ochures,)<br>bg/product?mlfb=3SU<br>rder/default.aspx?lang                       | ssian-business<br>AC certification if you ini<br>ussia or Belarus).   |                                     | supply these products to a |
| ate<br>other<br><u>Confirmation</u><br><u>Siemens has decided</u><br><u>https://press.siemens.c</u><br><u>Siemens is working o</u><br>Please contact your loc<br>EAC relevant market (c<br>Information on the pa<br><u>https://support.industry</u><br>Information- and Dow<br>https://www.siemens.cc<br>Industry Mall (Online<br>https://mall.industry.sie<br>Cax online generator<br>http://support.automatic<br>Service&Support (Ma | Environment<br>Environmental Con-<br>firmations<br>to exit the Russian marke<br>om/global/en/pressrelease/s<br>n the renewal of the currer<br>cal Siemens office on the sta<br>other than the sanctioned EA<br>ckaging<br>.siemens.com/cs/ww/en/view<br>mloadcenter (Catalogs, Bro<br>om/ic10<br>ordering system)<br>mens.com/mall/en/en/Catalog | t (see here).<br>siemens-wind-down-m<br>nt EAC certificates.<br>itus of validity of the E<br>\EU member states R<br>w/109813875<br>ochures,)<br>pg/product?mlfb=3SU<br>rder/default.aspx?lang<br>:teristics, FAQs,) | ssian-business<br>AC certification if you ini<br>ussia or Belarus).<br>1002-2BC10-0AA0<br>=en&mlfb=3SU1002-2B |                                     | supply these products to a |

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1002-2BC10-0AA0&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1002-2BC10-0AA0&lang=en</a>





last modified:

1/26/2022 🖸