

Siemens  
EcoTech



Siemens keyswitch, C, 22 mm, round, metal, shiny, lock number STGH10, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O+I, with laser inscription, in upper case and lower case, always upper case at beginning of line



|                                                    |                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                                                                   |
| product designation                                | Key-operated switches                                                                        |
| design of the product                              | Actuating/signaling element                                                                  |
| product type designation                           | 3SU1                                                                                         |
| product line                                       | Metal, shiny, 22 mm                                                                          |
| <b>Actuator</b>                                    |                                                                                              |
| principle of operation of the actuating element    | latching, 90° (10:30 h/13:30 h)                                                              |
| product extension optional light source            | No                                                                                           |
| color                                              |                                                                                              |
| • of the actuating element                         | silver                                                                                       |
| material of the actuating element                  | metal                                                                                        |
| shape of the actuating element                     | Key                                                                                          |
| outer diameter of the actuating element            | 29.5 mm                                                                                      |
| marking of the actuating element                   | Customized labeling, text in lower case/capital letters, all lines start with capital letter |
| number of switching positions                      | 2                                                                                            |
| switch position for key distraction                | O+I                                                                                          |
| actuating angle                                    |                                                                                              |
| • clockwise                                        | 90°                                                                                          |
| lock make                                          | Siemens, C                                                                                   |
| key number                                         | STGH10                                                                                       |
| <b>Front ring</b>                                  |                                                                                              |
| product component front ring                       | Yes                                                                                          |
| design of the front ring                           | Standard                                                                                     |
| material of the front ring                         | Metal, high gloss                                                                            |
| color of the front ring                            | silver                                                                                       |
| <b>General technical data</b>                      |                                                                                              |
| protection class IP                                | IP66, IP67, IP69(IP69K)                                                                      |
| protection class IP of the terminal                | IP20                                                                                         |
| 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                                                             |
| vibration resistance                               |                                                                                              |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g                                                                            |
| operating frequency maximum                        | 1 800 1/h                                                                                    |
| mechanical service life (operating cycles) typical | 300 000                                                                                      |
| reference code according to IEC 81346-2            | S                                                                                            |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Substance Prohibittance (Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10/01/2014                                                         |                                                                                                                                                                                                                   |
| Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.147 kg                                                           |                                                                                                                                                                                                                   |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.593 kg                                                           |                                                                                                                                                                                                                   |
| global warming potential [CO2 eq] during manufacturing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.625 kg                                                           |                                                                                                                                                                                                                   |
| global warming potential [CO2 eq] during operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.235 kg                                                           |                                                                                                                                                                                                                   |
| global warming potential [CO2 eq] after end of life                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -0.267 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 61 mm                                                              |                                                                                                                                                                                                                   |
| installation width                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 29.5 mm                                                            |                                                                                                                                                                                                                   |
| installation depth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 25.4 mm                                                            |                                                                                                                                                                                                                   |
| Approvals Certificates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                    |                                                                                                                                                                                                                   |
| General Product Approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                    | Test Certificates                                                                                                                                                                                                 |
| <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                    | <div><a href="#">Type Test Certificates/Test Report</a><a href="#">Special Test Certificate</a></div>                                                                                                             |
| Maritime application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    | other                                                                                                                                                                                                             |
| <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    | <div><a href="#">Confirmation</a></div> |
| Environment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                                                                   |
| <div><a href="#">Environmental Confirmations</a></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                    |                                                                                                                                                                                                                   |
| Further information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                    |                                                                                                                                                                                                                   |
| <div>Information on the packaging<br/><a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a><br/>Information for data generation and storage<br/><a href="https://support.industry.siemens.com/cs/ww/en/view/109995012">https://support.industry.siemens.com/cs/ww/en/view/109995012</a><br/>Information- and Downloadcenter (Catalogs, Brochures,...)<br/><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a><br/>Industry Mall (Online ordering system)<br/><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-5LF11-0AA0-Z Y10">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-5LF11-0AA0-Z Y10</a><br/>Cax online generator<br/><a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1050-5LF11-0AA0-Z Y10">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1050-5LF11-0AA0-Z Y10</a><br/>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)<br/><a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5LF11-0AA0-Z Y10">https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5LF11-0AA0-Z Y10</a><br/>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)<br/><a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5LF11-0AA0-Z Y10&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5LF11-0AA0-Z Y10&amp;lang=en</a></div> |                                                                    |                                                                                                                                                                                                                   |

