



Key-operated switch BKS, 22 mm, round, metal, shiny, special lock, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O+I, Note: BKS locking systems E1 - E25 supplied without key

|  |                                  |
|--|----------------------------------|
| <b>product brand name</b>                              | SIRIUS ACT                       |
| <b>product designation</b>                             | Key-operated switches            |
| <b>design of the product</b>                           | Actuating/signaling element      |
| <b>product type designation</b>                        | 3SU1                             |
| <b>product line</b>                                    | Metal, shiny, 22 mm              |
| <b>Actuator</b>  |                                  |
| <b>principle of operation of the actuating element</b> | latching, 90° (10:30 h/13:30 h)  |
| product extension optional light source                | No                               |
| <b>color</b>   |                                  |
| • of the actuating element                             | silver                           |
| <b>material of the actuating element</b>               | metal                            |
| <b>shape of the actuating element</b>                  | Key                              |
| <b>outer diameter of the actuating element</b>         | 29.5 mm                          |
| <b>number of switching positions</b>                   | 2                                |
| <b>switch position for key distraction</b>             | O+I                              |
| <b>actuating angle</b>                                 |                                  |
| • clockwise  | 90°                              |
| <b>lock make</b>                                       | BCS                              |
| <b>Front ring</b>                                      |                                  |
| <b>product component front ring</b>                    | Yes                              |
| <b>design of the front ring</b>                        | Standard                         |
| <b>material of the front ring</b>                      | Metal, high gloss                |
| <b>color of the front ring</b>                         | silver                           |
| <b>General technical data</b>                          |                                  |
| <b>protection class IP</b>                             | IP66, IP67, IP69(IP69K)          |
| • of the terminal                                      | IP20                             |
| <b>degree of protection NEMA rating</b>                | 1, 2, 3, 3R, 4, 4X, 12, 13       |
| <b>shock resistance</b>                                |                                  |
| • according to IEC 60068-2-27                          | sinusoidal half-wave 15g / 11 ms |
| <b>vibration resistance</b>                            |                                  |
| • according to IEC 60068-2-6                           | 10 ... 500 Hz: 5g                |
| <b>operating frequency maximum</b>                     | 1 800 1/h                        |
| mechanical service life (switching cycles) typical     | 300 000                          |
| <b>reference code according to IEC 81346-2</b>         | S                                |
| <b>Substance Prohibitance (Date)</b>                   | 10/01/2014                       |
| <b>Ambient conditions</b>                              |                                  |
| <b>ambient temperature</b>                             |                                  |
| • 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%) |
| <b>Installation/ mounting/ dimensions</b>                      |  |
| 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  | 56.3 mm  |
| installation width   | 29.5 mm  |
| installation depth   | 25.4 mm  |

**Certificates/ approvals**

**Further information**

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=3SU1050-5PF11-0AA0-Z Y01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-5PF11-0AA0-Z Y01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-5PF11-0AA0-Z Y01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-5PF11-0AA0-Z Y01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-5PF11-0AA0-Z Y01&lang=en)

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