

Key-operated switch BKS, 22 mm, round, plastic with metal front ring, Lock No. E7 (VW), without key, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, Key removal O+I



|                          |                             |
|--------------------------|-----------------------------|
| Product brand name       | SIRIUS ACT                  |
| Product designation      | Key-operated switches       |
| Design of the product    | Actuating/signaling element |
| Product type designation | 3SU1                        |

| Actuator                                    |                                 |
|---------------------------------------------|---------------------------------|
| Manner of function 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                         |
| Number of switching positions               | 2                               |
| Switch position for key distraction         | O+I                             |
| Actuating angle                             |                                 |
| • clockwise                                 | 90°                             |
| Lock make                                   | BCS                             |
| Key number                                  | E7                              |

| Front ring |
|------------|
|------------|

|                              |             |
|------------------------------|-------------|
| Product component front ring | Yes         |
| Design of the front ring     | Standard    |
| Material of the front ring   | Metal, matt |
| Color of the front ring      | sand gray   |

#### General technical data

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| Protection class IP                             | IP66, IP67, IP69(IP69K)           |
| • of the terminal                               | IP20                              |
| Degree of protection NEMA rating                | NEMA 1, 2, 3, 3R, 4, 4X, 12, 13   |
| Shock resistance                                |                                   |
| • acc. to IEC 60068-2-27                        | Sinusoidal half-wave 50 g / 11 ms |
| • for railway applications acc. to DIN EN 61373 | Category 1, Class B               |
| Operating frequency maximum                     | 1 800 1/h                         |
| Mechanical service life (switching cycles)      |                                   |
| • typical                                       | 1 000 000                         |
| Reference code acc. to DIN EN 81346-2           | S                                 |
| Reference code acc. to DIN EN 61346-2           | S                                 |

#### Ambient conditions

|                                                           |                                                                     |
|-----------------------------------------------------------|---------------------------------------------------------------------|
| Ambient temperature                                       |                                                                     |
| • during operation                                        | -25 ... +70 °C                                                      |
| • during storage                                          | -40 ... +80 °C                                                      |
| Environmental category during operation acc. to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %) |

#### 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                             | 56.3 mm |
| Installation width                          | 29.5 mm |
| Installation depth                          | 25.4 mm |

#### Certificates/approvals

| General Product Approval                                                          |                                                                                   |                                                                                   | Declaration of Conformity                                                         | Test Certificates                        |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------|
|  |  |  |  | <a href="#">Miscellaneous</a>            |
| CSA                                                                               | UL                                                                                |                                                                                   | EG-Konf.                                                                          | <a href="#">Special Test Certificate</a> |

| Test Certificates                                  | Marine / Shipping                                                                 |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|----------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <a href="#">Type Test Certificates/Test Report</a> |  |  |  |  |  |
|                                                    | ABS                                                                               | LRS                                                                               | PRS                                                                               | RINA                                                                                | RMRS                                                                                |

| Marine / Shipping                                                                 | other                        |
|-----------------------------------------------------------------------------------|------------------------------|
|  | <a href="#">Confirmation</a> |

#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-5SF11-0AA0>

##### Cax online generator

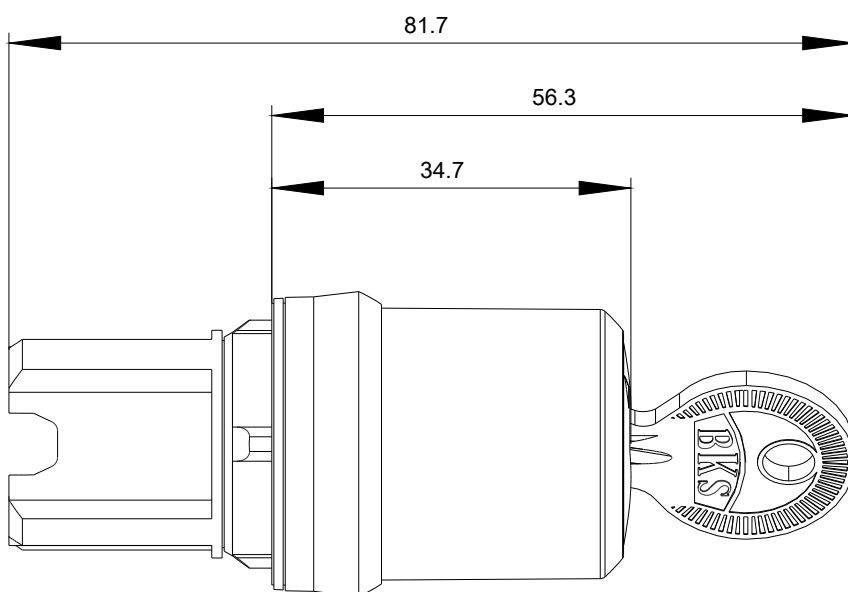
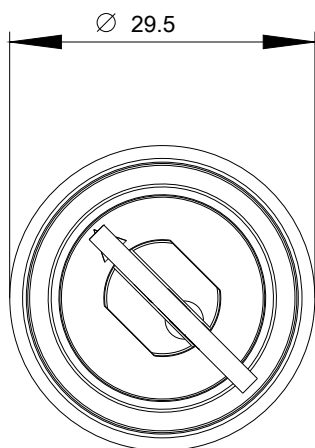
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5SF11-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5SF11-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1030-5SF11-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-5SF11-0AA0&lang=en)



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