

ROUND ACTUATOR KEYSWITCH, CES,  
O-I W.2 KEYS LATCHES ON THE RIGHT WITH HOLDER,  
METAL, LOCK NO. STGH 10, O+I,

| Actuator:                                                             |     |                     |
|-----------------------------------------------------------------------|-----|---------------------|
| Design of the product                                                 |     | Single device round |
| Design of the operating mechanism                                     |     | Key-operated switch |
| External diameter / of the activation element                         | mm  | 28.5                |
| Functionality / of the actuator                                       |     | Latching            |
| Type of unlocking device                                              |     | key unlatching      |
| Color / of the activation element                                     |     | Silver              |
| Material / of the activation element                                  |     | metal               |
| Make of the lock                                                      |     | CES                 |
| Number of switching positions                                         |     | 2                   |
| Switch position for key distraction                                   |     | O+I                 |
| Actuating angle                                                       |     |                     |
| • clockwise                                                           | °   | 50                  |
| Product component / front ring                                        |     | Yes                 |
| Material / of the front ring                                          |     | metal               |
| Color / of the front ring                                             |     | silver              |
| Design of the front ring                                              |     | Standard            |
| Product function / EMERGENCY STOP function                            |     | No                  |
| Holder:                                                               |     |                     |
| Material / of the holder                                              |     | Metal               |
| General technical data:                                               |     |                     |
| Resistance against shock                                              |     |                     |
| • for devices without incandescent lamp / according to IEC 60068-2-27 |     | <= 50g              |
| Resistance against vibration / according to IEC 60068-2-6             |     | 20 ... 200 Hz: 5g   |
| Operating cycles / maximum                                            | 1/h | 1,000               |
| Mechanical operating cycles as operating time / typical               |     | 300,000             |
| Product extension / optional / fluorescent materials                  |     | No                  |
| Reference code                                                        |     |                     |
| • according to DIN EN 61346-2                                         |     | S                   |

|                                                                                                                                                                                                   |          |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------|
| <ul style="list-style-type: none"> <li>• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750</li> </ul>                                                                 |          | S                          |
| <b>Tightening torque / of the screws in the bracket / maximum</b>                                                                                                                                 | N·m      | 1                          |
| <b>Ambient temperature</b> <ul style="list-style-type: none"> <li>• during operating</li> <li>• during storage</li> </ul>                                                                         | °C<br>°C | -25 ... +70<br>-40 ... +80 |
| <b>Protection class IP</b>                                                                                                                                                                        |          | IP67                       |
| <b>B10 value / with high demand rate / according to SN 31920</b>                                                                                                                                  |          | 50,000                     |
| <b>Proportion of dangerous failures</b> <ul style="list-style-type: none"> <li>• with high demand rate / according to SN 31920</li> <li>• with low demand rate / according to SN 31920</li> </ul> | %<br>%   | 20<br>20                   |
| <b>Failure rate [FIT] / with low demand rate / according to SN 31920</b>                                                                                                                          | FIT      | 100                        |
| <b>T1 value / for proof test interval or service life / according to IEC 61508</b>                                                                                                                | a        | 20                         |
| <b>climatic class / during the operating phase / according to EN 60721</b>                                                                                                                        |          | 3K6                        |
| <b>Mounting type</b>                                                                                                                                                                              |          | front mounting             |
| <b>Shape / of the installation hole</b>                                                                                                                                                           |          | round                      |
| <b>Installation width</b>                                                                                                                                                                         | mm       | 28.5                       |
| <b>Mounting diameter</b>                                                                                                                                                                          | mm       | 22                         |
| <b>Mounting height</b>                                                                                                                                                                            | mm       | 64                         |
| <b>Mounting depth</b>                                                                                                                                                                             | mm       | 29                         |

#### Certificates/ approvals:

##### General Product Approval



EG-Konf.

##### Test Certificates

[Special Test Certificate](#)

#### Shipping Approval



ABS



DNV



LRS



PRS



RINA

#### other

[Confirmation](#)

[other](#)

[Environmental Confirmations](#)

#### Further information:

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

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

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

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

---

**Cax online generator**

<http://www.siemens.com/cax>

---

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

<http://support.automation.siemens.com/WW/view/en/3SB3500-4LR11/all>

---

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3500-4LR11](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3500-4LR11)

---

**last change:**

Jul 7, 2014