

Pushbutton, 16 mm, round, plastic, yellow, pushbutton, flat, 1 NO



|  |                        |
|--|------------------------|
| product brand name                                 | SIRIUS                 |
| product designation                                | Pushbuttons            |
| design of the product                              | Complete unit round    |
| product type designation                           | 3SB2                   |
| <b>Enclosure</b>                                   |                        |
| number of command points                           | 1                      |
| <b>Actuator</b>                                    |                        |
| design of the actuating element                    | Pushbutton             |
| principle of operation of the actuating element    | momentary contact type |
| product extension optional light source            | No                     |
| color of the actuating element                     | yellow                 |
| material of the actuating element                  | plastic                |
| shape of the actuating element                     | Flat pushbutton        |
| type of unlocking device                           | without                |
| number of switching positions                      | 2                      |
| <b>Front ring</b>                                  |                        |
| product component front ring                       | Yes                    |
| design of the front ring                           | Standard               |
| material of the front ring                         | plastic                |
| color of the front ring                            | black                  |
| <b>Holder</b>                                      |                        |
| material of the holder                             | Plastic                |
| <b>Contact block/ lampholder</b>                   |                        |
| number of lampholders                              | 0                      |
| number of switching elements                       | 1                      |
| <b>General technical data</b>                      |                        |
| product function                                   |                        |
| • positive opening                                 | No                     |
| • EMERGENCY STOP function                          | No                     |
| type of voltage of the operating voltage           | AC/DC                  |
| protection class IP                                | IP65                   |
| vibration resistance according to IEC 60068-2-6    | 20 ... 200 Hz: 5g      |
| operating frequency maximum                        | 1 000 1/h              |
| mechanical service life (switching cycles) typical | 10 000 000             |
| reference code according to IEC 81346-2            | S                      |
| Substance Prohibitance (Date)                      | 07/01/2006             |
| operating voltage rated value                      | 5 ... 250 V            |
| <b>Auxiliary circuit</b>                           |                        |
| number of NC contacts for auxiliary contacts       | 0                      |

|   |       |
|---|-------|
| <b>number of NO contacts for auxiliary contacts</b> | 1     |
| number of CO contacts for auxiliary contacts        | 0     |
| <b>operational current at AC-12</b>                 |       |
| • at 24 V rated value                               | 10 A  |
| • at 60 V rated value                               | 10 A  |
| • at 110 V rated value                              | 10 A  |
| • at 230 V rated value                              | 10 A  |
| <b>operational current at AC-15</b>                 |       |
| • at 24 V rated value                               | 4 A   |
| • at 110 V rated value                              | 4 A   |
| • at 230 V rated value                              | 4 A   |
| <b>operational current at DC-12</b>                 |       |
| • at 24 V rated value                               | 6 A   |
| • at 60 V rated value                               | 5 A   |
| • at 110 V rated value                              | 2.5 A |
| • at 230 V rated value                              | 1 A   |
| <b>operational current at DC-13</b>                 |       |
| • at 24 V rated value                               | 3 A   |
| • at 60 V rated value                               | 1.2 A |
| • at 110 V rated value                              | 0.7 A |
| • at 230 V rated value                              | 0.3 A |

#### Connections/ Terminals

|   |               |
|---|---------------|
| <b>type of electrical connection</b>                  | tab terminals |
| <b>tightening torque of the screws in the bracket</b> | 0.4 N·m       |

#### Ambient conditions

|  |                |
|--|----------------|
| <b>ambient temperature</b>                                     |                |
| • during operation   | -25 ... +70 °C |
| • during storage   | -40 ... +80 °C |
| environmental category during operation according to IEC 60721 | 3K6            |

#### Installation/ mounting/ dimensions

|  |                      |
|--|----------------------|
| <b>fastening method</b>                  | front plate mounting |
| <b>shape of the installation opening</b> | round                |
| <b>mounting diameter</b>                 | 16 mm                |
| <b>mounting height</b>                   | 8 mm                 |
| <b>installation width</b>                | 19 mm                |
| <b>installation depth</b>                | 50 mm                |

#### Certificates/ approvals

|                          |                           |
|--------------------------|---------------------------|
| General Product Approval | Declaration of Conformity |
|--------------------------|---------------------------|



|                   |       |
|-------------------|-------|
| Test Certificates | other |
|-------------------|-------|

[Special Test Certificate](#)

[Miscellaneous](#)

[Confirmation](#)

#### 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=3SB2202-0AD01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2202-0AD01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2202-0AD01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB2202-0AD01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2202-0AD01&lang=en)

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