



Pushbutton, 22 mm, round, plastic, red, pushbutton, flat momentary contact type, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

|  |  |
|--|--|
| product brand name                                 | SIRIUS ACT   |
| product designation                                | Pushbuttons  |
| design of the product                              | Actuating/signaling element  |
| product type designation                           | 3SU1   |
| product line                                       | Plastic, black, 22 mm  |
| <b>Enclosure</b>                                   |  |
| number of command points                           | 1  |
| <b>Actuator</b>                                    |  |
| design of the actuating element                    | Flat button  |
| principle of operation of the actuating element    | momentary contact type   |
| product extension optional                         |  |
| • light source                                     | No   |
| • contact module                                   | Yes  |
| color of the actuating element                     | red  |
| material of the actuating element                  | plastic  |
| shape of the actuating element                     | round  |
| outer diameter of the actuating element            | 29.5 mm  |
| marking of the actuating element                   | Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) |
| <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>General technical data</b>                      |  |
| protection class IP                                | IP66, IP67, IP69(IP69K)  |
| degree of protection NEMA rating                   | 1, 2, 3, 3R, 4, 4X, 12, 13   |
| shock resistance                                   |  |
| • acc. to IEC 60068-2-27                           | Sinusoidal half-wave 50g / 11 ms   |
| • for railway applications acc. to DIN EN 61373    | Category 1, Class B  |
| vibration resistance                               |  |
| • acc. to IEC 60068-2-6                            | 10 ... 500 Hz: 5g  |
| • for railway applications acc. to DIN EN 61373    | Category 1, Class B  |
| operating frequency maximum                        | 3 600 1/h  |
| mechanical service life (switching cycles) typical | 10 000 000   |
| reference code acc. to IEC 81346-2                 | S  |
| <b>Ambient conditions</b>                          |  |

- ambient temperature during operation
- ambient temperature during storage

-25 ... +70 °C  
-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                             | 11 mm   |
| installation width                          | 29.5 mm |
| installation depth                          | 24.3 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?mfb=3SU1000-0AB20-0AA0-Z Y19>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1000-0AB20-0AA0-Z Y19>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-0AB20-0AA0-Z Y19>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SU1000-0AB20-0AA0-Z Y19&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1000-0AB20-0AA0-Z Y19&lang=en)

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