



Pushbutton, 30 mm, round, Metal, matte, black, front ring for flush installation, momentary contact type, with laser labeling, symbol number according to, ISO 7000 or IEC 60417

|                                                    |                                                                     |
|----------------------------------------------------|---------------------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                                          |
| product designation                                | Pushbuttons                                                         |
| design of the product                              | Actuating/signaling element                                         |
| product type designation                           | 3SU1                                                                |
| product line                                       | Metal, matt, flat, 30 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                     | black                                                               |
| material of the actuating element                  | plastic                                                             |
| shape of the actuating element                     | round                                                               |
| outer diameter of the actuating element            | 38 mm                                                               |
| marking of the actuating element                   | Customized labeling, graphical symbols acc. to ISO7000 and IEC60417 |
| <b>Front ring</b>                                  |                                                                     |
| product component front ring                       | Yes                                                                 |
| design of the front ring                           | Flat                                                                |
| material of the front ring                         | Metal, matt                                                         |
| color of the front ring                            | sand gray                                                           |
| <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                                   |                                                                     |
| • according to IEC 60068-2-27                      | sinusoidal half-wave 15g / 11 ms                                    |
| • for railway applications according to EN 61373   | Category 1, Class B                                                 |
| vibration resistance                               |                                                                     |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g                                                   |
| • for railway applications according to EN 61373   | Category 1, Class B                                                 |
| operating frequency maximum                        | 3 600 1/h                                                           |
| mechanical service life (operating cycles) typical | 10 000 000                                                          |
| reference code according to IEC 81346-2            | S                                                                   |
| Substance Prohibitance (Date)                      | 10/01/2014                                                          |
| Weight                                             | 65 g                                                                |
| <b>Safety related data</b>                         |                                                                     |
| proportion of dangerous failures                   |                                                                     |
| • with low demand rate according to SN 31920       | 20 %                                                                |

|                                                                                                              |            |
|--------------------------------------------------------------------------------------------------------------|------------|
| <ul style="list-style-type: none"> <li>with high demand rate per NC contact according to SN 31920</li> </ul> | 20 %       |
| <ul style="list-style-type: none"> <li>with high demand rate per NO contact according to SN 31920</li> </ul> | 50 %       |
| <b>B10 value with high demand rate according to SN 31920</b>                                                 | 10 000 000 |
| <b>failure rate [FIT] with low demand rate per NC contact according to SN 31920</b>                          | 100 FIT    |
| <b>IEC 61508</b>                                                                                             |            |
| T1 value for proof test interval or service life according to IEC 61508                                      | 20 a       |

#### Ambient conditions

|                                                                    |                                                                    |
|--------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>ambient temperature</b>                                         |                                                                    |
| <ul style="list-style-type: none"> <li>during operation</li> </ul> | -25 ... +70 °C                                                     |
| <ul style="list-style-type: none"> <li>during storage</li> </ul>   | -40 ... +80 °C                                                     |
| environmental category during operation according to IEC 60721     | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%) |

#### Installation/ mounting/ dimensions

|                                             |         |
|---------------------------------------------|---------|
| height                                      | 38 mm   |
| width                                       | 38 mm   |
| shape of the installation opening           | round   |
| mounting diameter                           | 30.5 mm |
| positive tolerance of installation diameter | 0.5 mm  |
| mounting height                             | 4.2 mm  |
| installation width                          | 38 mm   |
| installation depth                          | 31.1 mm |

#### Approvals Certificates

|                          |                   |
|--------------------------|-------------------|
| General Product Approval | Test Certificates |
|--------------------------|-------------------|



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

|                      |       |             |
|----------------------|-------|-------------|
| Maritime application | other | Environment |
|----------------------|-------|-------------|



[Confirmation](#)



[Environmental Confirmations](#)

#### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1060-0JB10-0AA0-Z Y13>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1060-0JB10-0AA0-Z Y13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1060-0JB10-0AA0-Z Y13>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1060-0JB10-0AA0-Z Y13&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1060-0JB10-0AA0-Z Y13&lang=en)

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