

Illuminable selector switch, 30 mm, round, Metal matt, black, Selector switch short, front ring for flush installation, momentary contact type, Actuating angle 45°, 10:30h/12h, with laser labeling, upper case and lower case, always upper case at beginning of line

|                                                               |                                                                                                |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| product brand name                                            | SIRIUS ACT                                                                                     |
| product designation                                           | Selector switches                                                                              |
| 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                               | Selector, short                                                                                |
| principle of operation of the actuating element               | momentary contact, 45° (10:30 h/12 h), return from center to left                              |
| product extension optional                                    |                                                                                                |
| • light source                                                | Yes                                                                                            |
| • contact module                                              | Yes                                                                                            |
| color of the actuating element                                | black                                                                                          |
| material of the actuating element                             | plastic                                                                                        |
| shape of the actuating element                                | Handle                                                                                         |
| outer diameter of the actuating element                       | 38 mm                                                                                          |
| marking of the actuating element                              | Customized labeling, text in lower case / capital letters, all lines start with capital letter |
| number of switching positions                                 | 2                                                                                              |
| actuating angle                                               |                                                                                                |
| • clockwise                                                   | 45°                                                                                            |
| <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                                   | 1 800 1/h                                                                                      |
| mechanical service life (operating cycles) typical            | 300 000                                                                                        |
| reference code according to IEC 81346-2                       | S                                                                                              |
| Substance Prohibitance (Date)                                 | 03/01/2017                                                                                     |
| <b>Safety related data</b>                                    |                                                                                                |
| proportion of dangerous failures                              |                                                                                                |
| • with low demand rate according to SN 31920                  | 20 %                                                                                           |
| • with high demand rate according to SN 31920                 | 20 %                                                                                           |
| B10 value with high demand rate according to SN 31920         | 500 000                                                                                        |
| failure rate [FIT] with low demand rate according to SN 31920 | 100 FIT                                                                                        |
| <b>Ambient conditions</b>                                     |                                                                                                |
| ambient temperature                                           |                                                                                                |
| • during operation                                            | -25 ... +70 °C                                                                                 |

|                                                                |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| • during storage                                               | -40 ... +80 °C                                                     |
| environmental category during operation according to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%) |
| <b>Installation/ mounting/ dimensions</b>                      |                                                                    |
| height                                                         | 44.8 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                                                | 22.1 mm                                                            |
| installation width                                             | 38 mm                                                              |
| installation depth                                             | 32.1 mm                                                            |
| <b>Approvals Certificates</b>                                  |                                                                    |
| General Product Approval                                       |                                                                    |



[Confirmation](#)



|                                                                                                |                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Certificates</b>                                                                       | <b>Marine / Shipping</b>                                                                                                                                                                                                                                                                                                                             |
| <a href="#">Type Test Certificates/Test Report</a><br><a href="#">Special Test Certificate</a> | <br><br><br> |
| <b>other</b>                                                                                   | <b>Environment</b>                                                                                                                                                                                                                                                                                                                                   |

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[Environmental Confirmations](#)

#### Further information

##### Information on the packaging

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

##### 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=3SU1062-2DC10-0AA0-Z Y10>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2DC10-0AA0-Z Y10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2DC10-0AA0-Z Y10>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1062-2DC10-0AA0-Z Y10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1062-2DC10-0AA0-Z Y10&lang=en)

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