

PUSHBUTTON, 22MM, ROUND, PLASTIC WITH METAL FRONT RING, RED, FLAT BUTTON MOMENTARY CONTACT TYPE



Figure similar

|                                             |                             |
|---------------------------------------------|-----------------------------|
| Product brand name                          | SIRIUS ACT                  |
| Product designation                         | Pushbuttons                 |
| Product type designation                    | 3SU1                        |
| Enclosure                                   |                             |
| Number of command points                    | 1                           |
| Actuator                                    |                             |
| Design of the operating mechanism           | pushbutton with flat button |
| Manner of function of the actuating element | Momentary contact type      |
| Product extension optional Light source     | No                          |
| 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                     |
| Type of unlocking device                    | without                     |
| Front ring                                  |                             |
| Product component front ring                | Yes                         |

|                                   |             |
|-----------------------------------|-------------|
| <b>Design of the front ring</b>   | Standard    |
| <b>Material of the front ring</b> | Metal, matt |
| <b>Color of the front ring</b>    | sand gray   |

#### General technical data

|                                                                                                                                                                |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>Protection class IP</b>                                                                                                                                     | IP66, IP67, IP69(IP69K)                                  |
| <b>Degree of protection NEMA rating</b>                                                                                                                        | NEMA 1, 2, 3, 3R, 4, 4X, 12                              |
| <b>Shock resistance</b> <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul>    | Sinusoidal half-wave 50 g / 11 ms<br>Category 1, Class B |
| <b>Vibration resistance</b> <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul> | 10 ... 500 Hz: 5g<br>Category 1, Class B                 |
| <b>Operating frequency maximum</b>                                                                                                                             | 3 600 1/h                                                |
| <b>Mechanical service life (switching cycles)</b> <ul style="list-style-type: none"> <li>• typical</li> </ul>                                                  | 10 000 000                                               |
| <b>Equipment marking</b> <ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to DIN EN 81346-2</li> </ul>                          | S<br>S                                                   |

#### Ambient conditions

|                                                                                                                           |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>Ambient temperature</b> <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul> | -25 ... +70 °C<br>-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

|                                                    |         |
|----------------------------------------------------|---------|
| <b>Height</b>                                      | 29.5 mm |
| <b>Width</b>                                       | 29.5 mm |
| <b>Shape of the installation opening</b>           | round   |
| <b>Mounting diameter</b>                           | 22.3 mm |
| <b>Positive tolerance of installation diameter</b> | 0.4 mm  |
| <b>Mounting height</b>                             | 11 mm   |
| <b>Installation width</b>                          | 29.5 mm |
| <b>Installation depth</b>                          | 24.3 mm |

#### Certificates/approvals

| General Product Approval                                                          |                                                                                   |                                                                                   | Declaration of<br>Conformity                                                      | Test Certificates                                                    |                                              |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------|
|  |  |  |  | <a href="#">Declaration of the<br/>Compliance with the<br/>order</a> | <a href="#">Special Test<br/>Certificate</a> |

#### other

[Confirmation](#)

#### Further information

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

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

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-0AB20-0AA0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-0AB20-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-0AB20-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1030-0AB20-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-0AB20-0AA0&lang=en)



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