



Mushroom pushbutton, 22 mm, round, metal, shiny, red, 40 mm, 3 switch positions, after pushing in Retraction to center position, after pulling out the button Retraction to center position

|                                                     |                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------|
| product brand name                                  | SIRIUS ACT                                                          |
| product designation                                 | Mushroom pushbuttons                                                |
| design of the product                               | Actuating/signaling element                                         |
| product type designation                            | 3SU1                                                                |
| product line                                        | Metal, shiny, 22 mm                                                 |
| <b>Enclosure</b>                                    |                                                                     |
| number of command points                            | 1                                                                   |
| <b>Actuator</b>                                     |                                                                     |
| principle of operation 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             | 40 mm                                                               |
| number of switching positions                       | 3                                                                   |
| <b>Front ring</b>                                   |                                                                     |
| product component front ring                        | Yes                                                                 |
| design of the front ring                            | Standard                                                            |
| material of the front ring                          | Metal, high gloss                                                   |
| color of the front ring                             | silver                                                              |
| <b>General technical data</b>                       |                                                                     |
| product function                                    |                                                                     |
| • EMERGENCY OFF function                            | No                                                                  |
| • EMERGENCY STOP function                           | No                                                                  |
| 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                                    |
| vibration resistance                                |                                                                     |
| • acc. to IEC 60068-2-6                             | 10 ... 500 Hz: 5g                                                   |
| operating frequency maximum                         | 1 800 1/h                                                           |
| mechanical service life (switching cycles) typical  | 300 000                                                             |
| reference code acc. to IEC 81346-2                  | S                                                                   |
| <b>Ambient conditions</b>                           |                                                                     |
| • ambient temperature during operation              | -25 ... +70 °C                                                      |
| • ambient temperature during storage                | -40 ... +80 °C                                                      |
| environmental category during operation acc. to IEC | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %) |

|                                             |                           |
|---------------------------------------------|---------------------------|
| 60721                                       |                           |
| <b>Installation/ mounting/ dimensions</b>   |                           |
| height                                      | 40 mm                     |
| width                                       | 40 mm                     |
| shape of the installation opening           | round                     |
| mounting diameter                           | 22.3 mm                   |
| positive tolerance of installation diameter | 0.4 mm                    |
| mounting height                             | 32 mm                     |
| installation width                          | 40 mm                     |
| installation depth                          | 24.6 mm                   |
| <b>Certificates/ approvals</b>              |                           |
| General Product Approval                    | Declaration of Conformity |
| Test Certificates                           |                           |



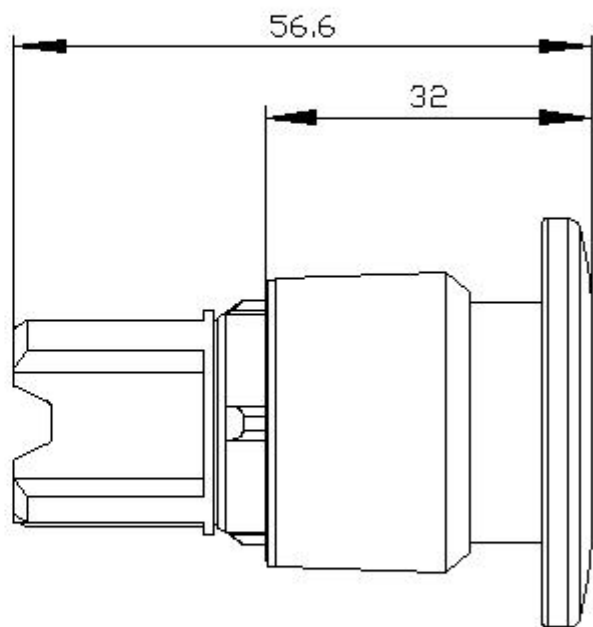
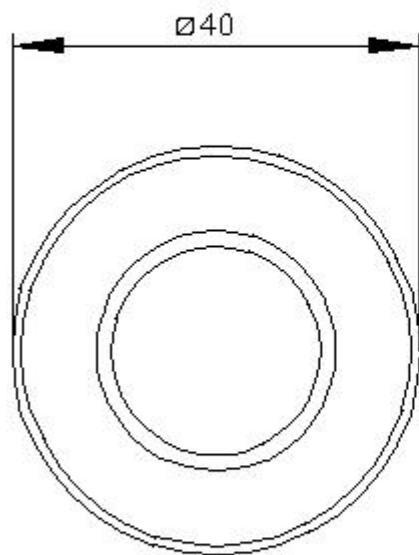
[Miscellaneous](#)

[Type Test  
Certificates/Test  
Report](#)

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

[Confirmation](#)

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| <b>Further information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>Information- and Downloadcenter (Catalogs, Brochures,...)<br/> <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a></p> <p>Industry Mall (Online ordering system)<br/> <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-1ED20-0AA0">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-1ED20-0AA0</a></p> <p>Cax online generator<br/> <a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1050-1ED20-0AA0">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1050-1ED20-0AA0</a></p> <p>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)<br/> <a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1ED20-0AA0">https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1ED20-0AA0</a></p> <p>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)<br/> <a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1ED20-0AA0&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1ED20-0AA0&amp;lang=en</a></p> |



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