

Mushroom pushbutton, 22 mm, round, metal, shiny, black, 40 mm, 3 switch positions, after pushing in Retraction to center position, after pulling out the button Retraction to center position, with laser labeling, upper case and lower case, always upper case at beginning of line



| | |
|--------------------------|-----------------------------|
| 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 |

| Enclosure | |
|--------------------------|---|
| Number of command points | 1 |

| Actuator | |
|---|--|
| Manner of function of the actuating element | momentary contact type |
| Product extension optional Light source | No |
| Color | |
| • of the actuating element | black |
| Material of the actuating element | plastic |
| Shape of the actuating element | round |
| Outer diameter of the actuating element | 40 mm |
| Marking of the actuating element | Customized labeling, text in lower case / capital letters, all lines start with capital letter |
| Number of switching positions | 3 |

| Front ring | |
|------------------------------|-------------------|
| 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 |

| General technical data | |
|---|-----------------------------------|
| Product function | |
| • EMERGENCY OFF function | No |
| • EMERGENCY STOP function | No |
| Protection class IP | IP66, IP67, IP69(IP69K) |
| Degree of protection NEMA rating | NEMA 1, 2, 3, 3R, 4, 4X, 12, 13 |
| Shock resistance | |
| • acc. to IEC 60068-2-27 | Sinusoidal half-wave 50 g / 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 DIN EN 81346-2 | S |
| Reference code acc. to DIN EN 61346-2 | S |

| Ambient conditions | |
|---|---|
| Ambient temperature | |
| • during operation | -25 ... +70 °C |
| • during storage | -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 | 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 |

Certificates/ approvals

| | | | | | |
|--|---|---|---|-------------------------------|--|
| General Product Approval | | | Declaration of Conformity | | Test Certificates |
|  CSA |  UL |  |  EG-Konf. | Miscellaneous | Type Test Certificates/Test Report |

| | |
|-------------------|-------------------|
| Test Certificates | Marine / Shipping |
|-------------------|-------------------|

[Special Test Certificate](#)



ABS



LRS



PRS



RINA



RMRS

| | |
|-------------------|-------|
| Marine / Shipping | other |
|-------------------|-------|

[Confirmation](#)



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?mlfb=3SU1050-1ED10-0AA0-Z Y10>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1ED10-0AA0-Z Y10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1ED10-0AA0-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=3SU1050-1ED10-0AA0-Z Y10&lang=en

last modified:

02/06/2020