

Illuminated mushroom pushbutton, 22 mm, round, plastic with metal front ring, yellow, 40 mm, momentary contact type, with laser labeling, upper case



| | |
|--------------------------|--|
| Product brand name | SIRIUS ACT |
| Product designation | Mushroom pushbuttons |
| Design of the product | Actuating/signaling element |
| Product type designation | 3SU1 |
| Product line | Plastic with metal front ring, matt, 22 mm |

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

| Actuator | |
|---|--|
| Design of the operating mechanism | illuminated |
| Manner of function of the actuating element | momentary contact type |
| Product extension optional Light source | Yes |
| Color | |
| • of the actuating element | yellow |
| 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 capital letters |
| Number of switching positions | 2 |

| Front ring | |
|------------------------------|-------------|
| Product component front ring | Yes |
| Design of the front ring | Standard |
| Material of the front ring | Metal, matt |
| Color of the front ring | sand gray |

| General technical data | |
|---|--|
| Product function | |
| <ul style="list-style-type: none"> EMERGENCY OFF function EMERGENCY STOP function | No No |
| Protection class IP | IP66, IP67, IP69(IP69K) |
| Degree of protection NEMA rating | NEMA 1, 2, 3, 3R, 4, 4X, 12, 13 |
| Shock resistance | |
| <ul style="list-style-type: none"> acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 | Sinusoidal half-wave 50 g / 11 ms Category 1, Class B |
| Vibration resistance | |
| <ul style="list-style-type: none"> acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 | 10 ... 500 Hz: 5g Category 1, Class B |
| Operating frequency maximum | 3 600 1/h |
| Mechanical service life (switching cycles) | |
| <ul style="list-style-type: none"> typical | 3 000 000 |
| Reference code acc. to DIN EN 81346-2 | S |
| Reference code acc. to DIN EN 61346-2 | S |

| Ambient conditions | |
|--|---|
| Ambient temperature | |
| <ul style="list-style-type: none"> during operation during storage | -25 ... +70 °C -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 | 27.5 mm |
| Installation width | 40 mm |
| Installation depth | 24.4 mm |

Certificates/ approvals

| | | |
|--------------------------|---------------------------|-------------------|
| General Product Approval | Declaration of Conformity | Test Certificates |
|--------------------------|---------------------------|-------------------|



[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

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

[Special Test Certificate](#)



| | |
|-------------------|-------|
| 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=3SU1031-1BD30-0AA0-Z Y11>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-1BD30-0AA0-Z Y11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-1BD30-0AA0-Z Y11>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-1BD30-0AA0-Z Y11&lang=en

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