

Pushbutton, compact, with extended stroke (12 mm), 22 mm, round, metal, green, pushbutton, flat, momentary contact type, with holder

| | |
|--------------------------|---------------------|
| Product brand name | SIRIUS ACT |
| Product designation | Pushbuttons |
| Design of the product | Complete unit |
| Product type designation | 3SU1 |
| Product line | Metal, shiny, 22 mm |

Enclosure

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

Actuator

| | |
|---|----------------------------------|
| Design of the operating mechanism | Flat button with extended stroke |
| Manner of function of the actuating element | momentary contact type |
| Product extension optional Light source | No |
| Color | |
| • of the actuating element | green |
| Material of the actuating element | plastic |
| Shape of the actuating element | round |
| Outer diameter of the actuating element | 29.5 mm |

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

| | |
|---|-----------------------------------|
| 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 50 g / 11 ms |
| • for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| Vibration resistance | |
| • acc. to IEC 60068-2-6 | 10 ... 500 Hz: 5g |
| • for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| Operating frequency maximum | 3 600 1/h |
| Mechanical service life (switching cycles) | |
| • typical | 5 000 000 |
| 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 | <p>-25 ... +70 °C</p> <p>-40 ... +80 °C</p> |
| 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 | 30 mm |
| Shape of the installation opening | round |
| Mounting diameter | 22.3 mm |
| Positive tolerance of installation diameter | 0.4 mm |
| Mounting height | 20.3 mm |
| Installation width | 29.5 mm |
| Installation depth | 30.9 mm |

Certificates/ approvals

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

| Test Certificates | other |
|--|------------------------------|
| Special Test Certificate | 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=3SU1250-0EB40-0AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1250-0EB40-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1250-0EB40-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1250-0EB40-0AA0&lang=en

last modified:

03/13/2020