

Illuminated pushbutton, 22 mm, round, plastic, red, pushbutton, flat, latching, Push-to-release mechanism, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)



| | |
|--------------------------|-----------------------------|
| Product brand name | SIRIUS ACT |
| Product designation | Illuminated pushbuttons |
| Design of the product | Actuating/signaling element |
| Product type designation | 3SU1 |
| Product line | Plastic, black, 22 mm |

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

| Actuator | |
|---|--|
| Design of the operating mechanism | Flat button |
| Manner of function of the actuating element | latching |
| Product extension optional Light source | Yes |
| 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 |
| Marking of the actuating element | Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) |
| Type of unlocking device | push-to-unlatch mechanism |

| Front ring | |
|------------------------------|----------|
| Product component front ring | Yes |
| Design of the front ring | Standard |
| Material of the front ring | plastic |
| Color of the front ring | black |

| General technical data | |
|---|--|
| 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 | 1 800 1/h |
| Mechanical service life (switching cycles) | |
| <ul style="list-style-type: none"> typical | 500 000 |
| 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 | 29.5 mm |
| Width | 29.5 mm |
| Shape of the installation opening | round |
| Mounting diameter | 22.3 mm |
| Positive tolerance of installation diameter | 0.4 mm |
| Mounting height | 11 mm |
| Installation width | 29.5 mm |
| Installation depth | 24.3 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 |
|  DNV-GL DNVGL.COM/AF | 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=3SU1001-0AA20-0AA0-Z Y19>

Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-0AA20-0AA0-Z Y19>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-0AA20-0AA0-Z Y19>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-0AA20-0AA0-Z Y19&lang=en

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