

Siemens
EcoTech



Illuminated pushbutton, 22 mm, round, metal, shiny, amber, pushbutton, flat, momentary contact type



| | |
|----------------------------------------------------|----------------------------------|
| product brand name | SIRIUS ACT |
| product designation | Illuminated 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 | |
| design of the actuating element | Flat button |
| principle of operation of the actuating element | momentary contact type |
| product extension optional | |
| • light source | Yes |
| • contact module | Yes |
| color of the actuating element | amber |
| 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 | |
| • according to IEC 60068-2-27 | sinusoidal half-wave 15g / 11 ms |
| vibration resistance | |
| • according to IEC 60068-2-6 | 10 ... 500 Hz: 5g |
| operating frequency maximum | 3 600 1/h |
| mechanical service life (operating cycles) typical | 3 000 000 |
| reference code according to IEC 81346-2 | S |
| Substance Prohibition (Date) | 10/01/2014 |
| Weight | 0.035 kg |
| Ambient conditions | |
| ambient temperature | |
| • during operation | -25 ... +70 °C |

| | |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| • during storage | -40 ... +80 °C |
| environmental category during operation according to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%) |





Environmental footprint

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|--------------------------------------------------------|-----------------|
| Environmental Product Declaration (EPD) | Yes |
| global warming potential [CO2 eq] total | 0.593 kg |
| global warming potential [CO2 eq] during manufacturing | 0.625 kg |
| global warming potential [CO2 eq] during operation | 0.235 kg |
| global warming potential [CO2 eq] after end of life | -0.267 kg |
| Siemens Eco Profile (SEP) | Siemens EcoTech |

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 |

Approvals Certificates

| General Product Approval | Test Certificates |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |  Type Test Certificates/Test Report Special Test Certificate |

other Environment

| | |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Confirmation  |  Environmental Confirmations |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|

Further information

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
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=3SU1051-0AB00-0AA0>
Cax online generator
<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-0AB00-0AA0>
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-0AB00-0AA0>
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-0AB00-0AA0&lang=en



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5/8/2025 