



Pushbutton, compact, with extended stroke (12 mm), 22 mm, round, metal, black, pushbutton, raised, 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 actuating element                 | Flat button with extended stroke |
| principle of operation of the actuating element | momentary contact type           |
| product extension optional                      |                                  |
| • light source                                  | No                               |
| • contact module                                | Yes                              |
| color of the actuating element                  | black                            |
| 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 |
| • for railway applications according to EN 61373   | Category 1, Class B              |
| vibration resistance                               |                                  |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g                |
| • for railway applications according to EN 61373   | Category 1, Class B              |
| operating frequency maximum                        | 3 600 1/h                        |
| mechanical service life (switching cycles) typical | 5 000 000                        |
| reference code according to IEC 81346-2            | S                                |
| Substance Prohibitance (Date)                      | 10/01/2014                       |

### 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%) |

| 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                             | 32.5 mm |
| installation width                          | 29.5 mm |
| installation depth                          | 30.9 mm |

| Certificates/ approvals  |                           |
|--------------------------|---------------------------|
| General Product Approval | Declaration of Conformity |



[Confirmation](#)



EG-Konf.

| Test Certificates | other |
|-------------------|-------|
|-------------------|-------|

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Environmental Confirmations](#)

[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=3SU1250-0FB10-0AA0>

Cax online generator

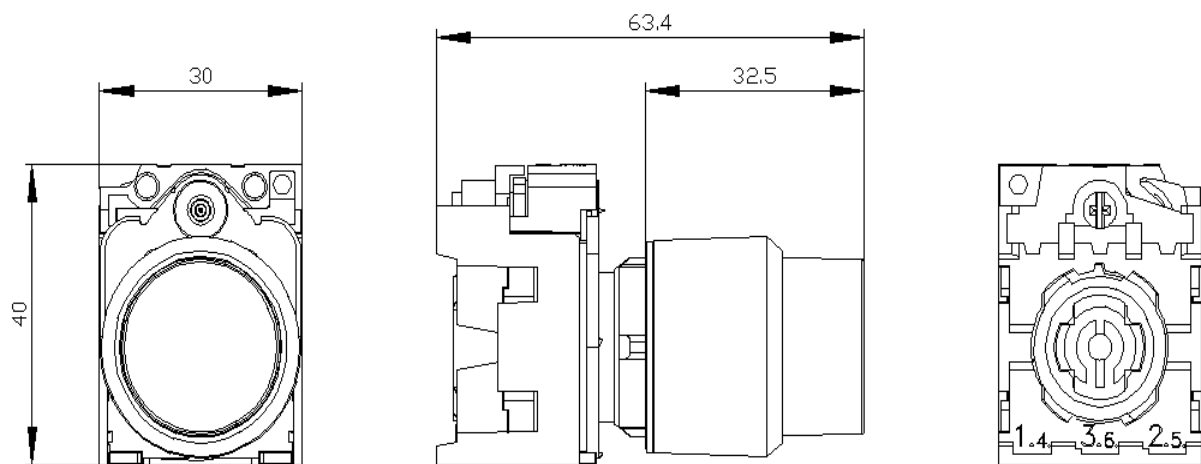
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1250-0FB10-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1250-0FB10-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1250-0FB10-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1250-0FB10-0AA0&lang=en)



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