



Enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part grey, 2 control points plastic, Recess for labels, without equipment

|                                                                     |                                                                                                                                               |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| product brand name                                                  | SIRIUS ACT                                                                                                                                    |
| product designation                                                 | Enclosures                                                                                                                                    |
| product type designation                                            | 3SU1                                                                                                                                          |
| <b>Enclosure</b>                                                    |                                                                                                                                               |
| design of the housing                                               | with recess for label                                                                                                                         |
| shape of the enclosure front                                        | rectangular                                                                                                                                   |
| material of the enclosure                                           | plastic                                                                                                                                       |
| number of command points                                            | 2                                                                                                                                             |
| product component protective collar                                 | No                                                                                                                                            |
| color of the enclosure top part                                     | grey                                                                                                                                          |
| fastening method of the enclosure                                   | Vertical / horizontal                                                                                                                         |
| <b>General technical data</b>                                       |                                                                                                                                               |
| protection class IP                                                 | IP66, IP67, IP69(IP69K)                                                                                                                       |
| degree of protection NEMA rating                                    | 1, 2, 3, 3R, 4, 4X, 12, 13                                                                                                                    |
| shock resistance for railway applications according to EN 61373     | Category 1, Class B                                                                                                                           |
| vibration resistance for railway applications according to EN 61373 | Category 1, Class B                                                                                                                           |
| Substance Prohibitance (Date)                                       | 10/01/2014                                                                                                                                    |
| Weight                                                              | 300 g                                                                                                                                         |
| cable entry type                                                    | Metric cable glands 1 x M20 each on the top, bottom and rear, 1 x M16 on the side                                                             |
| <b>Connections/ Terminals</b>                                       |                                                                                                                                               |
| type of electrical connection on enclosure                          | Cable routing 1 x M20 each on the top, bottom and rear, 1 x M16 on the side                                                                   |
| tightening torque of fixing screws in the enclosure cover           | 1.5 ... 1.7 N·m                                                                                                                               |
| <b>Ambient conditions</b>                                           |                                                                                                                                               |
| 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%, no condensation in operation permitted for all devices behind front panel) |
| <b>Environmental footprint</b>                                      |                                                                                                                                               |
| Environmental Product Declaration(EPD)                              | Yes                                                                                                                                           |
| global warming potential [CO2 eq] total                             | 0.787 kg                                                                                                                                      |
| global warming potential [CO2 eq] during manufacturing              | 0.566 kg                                                                                                                                      |
| global warming potential [CO2 eq] during operation                  | 0.235 kg                                                                                                                                      |
| global warming potential [CO2 eq] after end of life                 | -0.015 kg                                                                                                                                     |
| <b>Installation/ mounting/ dimensions</b>                           |                                                                                                                                               |
| fastening method of modules and accessories                         | Floor mounting                                                                                                                                |
| height                                                              | 114 mm                                                                                                                                        |
| width                                                               | 85 mm                                                                                                                                         |
| depth                                                               | 64 mm                                                                                                                                         |

|                                             |         |
|---------------------------------------------|---------|
| mounting diameter                           | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm  |

#### Approvals Certificates

|                          |                   |
|--------------------------|-------------------|
| General Product Approval | Test Certificates |
|--------------------------|-------------------|



[Special Test Certificate](#)

|                   |                      |       |
|-------------------|----------------------|-------|
| Test Certificates | Maritime application | other |
|-------------------|----------------------|-------|

[Type Test Certificates/Test Report](#)



[Confirmation](#)



#### Environment



[Environmental Confirmations](#)

#### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1802-0AA00-0AB1>

Cax online generator

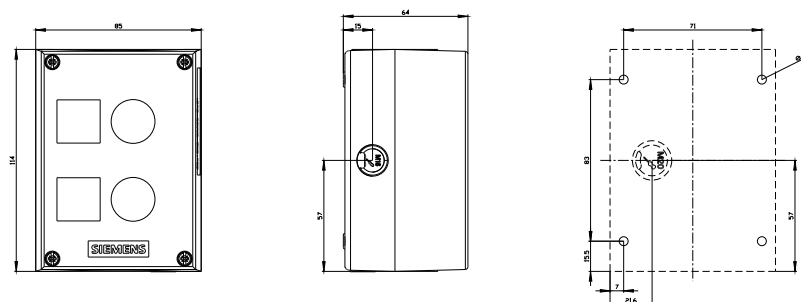
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1802-0AA00-0AB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0AA00-0AB1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1802-0AA00-0AB1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0AA00-0AB1&lang=en)



last modified:

4/2/2025