SIEMENS

## Data sheet 3SU1802-0AA00-0AB1

Siemens EcoTech



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

| | |
|---|---|
| **product brand name** | SIRIUS ACT |
| **product designation** | Enclosures |
| **product type designation** | 3SU1 |
| **Enclosure** | |
| **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 |
| **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 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 (day/month/year)** | 10/01/2014 |
| **Net Weight** | 259.38 g |
| **cable entry type** | Metric cable glands 1 x M20 each on the top, bottom and rear, 1 x M16 on the side |
| **Connections/ Terminals** | |
| **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 |
| **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%, no condensation in operation permitted for all devices behind front panel) |
| **Installation/ mounting/ dimensions** | |
| 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 |


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## Approvals Certificates

### Environmental Product Declaration

| | |
|---|---|
| • 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 | -0.0145 kg |
| • global warming potential [CO2 eq] / total | 0.787 kg |

### Environment

Environmental Confirmations

### General Product Approval

### General Product Approval

### Test Certificates

Special Test Certificate

Type Test Certificates/Test Report

### Maritime application

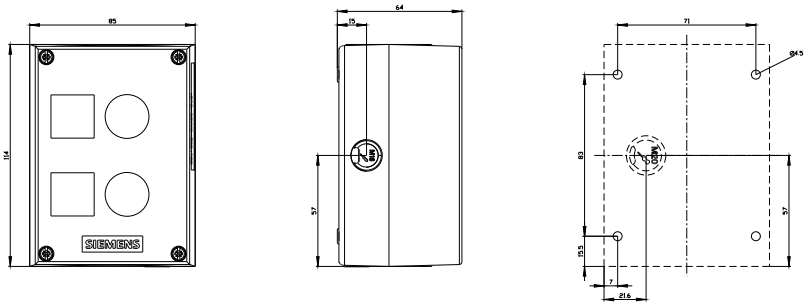
### Maritime application

### other

Confirmation

## 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**
https://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, ...)**
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0AA00-0AB1&lang=en




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