# SIEMENS

**Data sheet**                                        **3SU1801-1AA00-1AA1**



Enclosure for 4 position knob, coordinate, ID key-operated switches and sensor switches, 22 mm, round, Enclosure material plastic, enclosure top part gray, 1 control point plastic, without equipment, only for front plate mounting

| | |
|---|---|
| **product brand name** | SIRIUS ACT |
| **product designation** | Enclosures |
| **product type designation** | 3SU1 |
| **Enclosure** | |
| **design of the housing** | Command point in center |
| **shape of the enclosure front** | Square |
| **material of the enclosure** | plastic |
| **number of command points** | 1 |
| 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 (Date)** | 10/01/2014 |
| **cable entry type** | Without |
| **Connections/ Terminals** | |
| **type of electrical connection on enclosure** | Cable routing above and below, both 1 x M20 |
| **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 | Front plate mounting |
| **height** | 85 mm |
| **width** | 85 mm |
| **depth** | 68 mm |
| **mounting diameter** | 22.3 mm |
| **positive tolerance of installation diameter** | 0.4 mm |
| **Certificates/ approvals** | |
| **General Product Approval** | **Declaration of Conformity** |

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|  | Confirmation |  |  |  |
|---|---|---|---|---|

| Declaration of Conformity | Test Certificates | | Marine / Shipping | | |
|---|---|---|---|---|---|
| UKCA | Type Test Certificates/Test Report | Special Test Certificate | ABS | Lloyd's Register LRS | PRS |

| Marine / Shipping | | other | |
|---|---|---|---|
| RINA | RMRS | Confirmation | Environmental Confirmations |

## 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=3SU1801-1AA00-1AA1
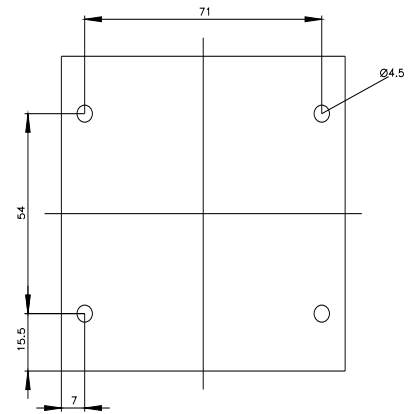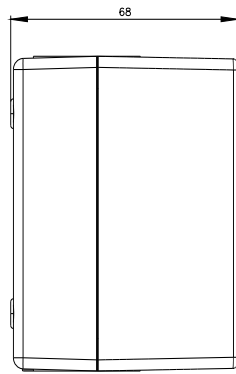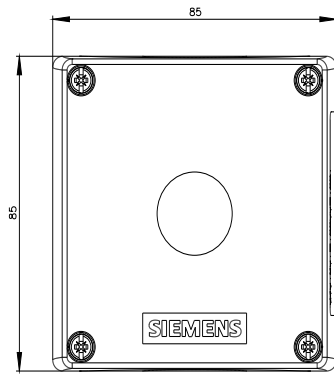
**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-1AA00-1AA1

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-1AA00-1AA1

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-1AA00-1AA1&lang=en

85

85

68

71

Ø4.5

54

15.5

7

**last modified:** 1/26/2022

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