

TWO-HAND OPERATION CONSOLE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL METAL, ENCLOSURE TOP PART GRAY, 3 COMMAND POINTS METAL, STANDARD EQUIPMENT: 2 MUSHROOM PUSHB. BLACK 40MM, 2 X 1NO+1NC, SCREW TERMINAL, 1 EMERG. STOP RED, 40MM, 2NC, SCREW TERMINAL,

|                                                                                                         |                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product brand name</b>                                                                               | SIRIUS ACT                                                                                                                                                |
| <b>Product designation</b>                                                                              | Two-hand operation console                                                                                                                                |
| <b>Product type designation</b>                                                                         | 3SU1                                                                                                                                                      |
| <b>Manufacturer's article number</b>                                                                    |                                                                                                                                                           |
| <ul style="list-style-type: none"> <li>• of supplied contact module</li> </ul>                          | R2 = 3SU1400-1AA10-1BA0 / L2 = 3SU1400-1AA10-1BA0 / M1 = 3SU1400-1AA10-1CA0 / R1 = 3SU1400-1AA10-1CA0 / L1 = 3SU1400-1AA10-1CA0 / M2 = 3SU1400-1AA10-1CA0 |
| <ul style="list-style-type: none"> <li>• of supplied contact module at the command point A 1</li> </ul> | <a href="#">3SU1400-1AA10-1CA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of supplied contact module at the command point A 3</li> </ul> | <a href="#">3SU1400-1AA10-1BA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of supplied contact module at the command point B 1</li> </ul> | <a href="#">3SU1400-1AA10-1CA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of supplied contact module at the command point B 3</li> </ul> | <a href="#">3SU1400-1AA10-1CA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of supplied contact module at the command point C 1</li> </ul> | <a href="#">3SU1400-1AA10-1CA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of supplied contact module at the command point C 3</li> </ul> | <a href="#">3SU1400-1AA10-1BA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of the supplied holder at the command point A</li> </ul>       | <a href="#">3SU1550-0AA10-0AA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of the supplied holder at the command point B</li> </ul>       | <a href="#">3SU1550-0AA10-0AA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of the supplied holder at the command point C</li> </ul>       | <a href="#">3SU1550-0AA10-0AA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of the supplied actuator at the command point A</li> </ul>     | <a href="#">3SU1050-1BD10-0AA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of the supplied actuator at the command point B</li> </ul>     | <a href="#">3SU1050-1HB20-0AA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of the supplied actuator at the command point C</li> </ul>     | <a href="#">3SU1050-1BD10-0AA0</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of supplied empty enclosure</li> </ul>                         | <a href="#">3SU1853-3AA00-0AA1</a>                                                                                                                        |
| <ul style="list-style-type: none"> <li>• of the supplied accessories at the command point B</li> </ul>  | <a href="#">3SU1900-0BB31-0AT0</a>                                                                                                                        |

### Enclosure

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| <b>Design of the housing</b>     | Two-hand operating console with standard components |
| <b>Material of the enclosure</b> | metal                                               |

|                                       |            |
|---------------------------------------|------------|
| <b>Number of command points</b>       | 3          |
| <b>Color</b>                          |            |
| • of top part of the enclosure        | grey       |
| <b>Delivery state</b>                 |            |
| • as a kit                            | No         |
| • pre-wired on strip terminal         | No         |
| <b>Mounting type of the enclosure</b> | Horizontal |

#### Actuator

|                                                    |                                                                                            |
|----------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>Design of the operating mechanism</b>           | A = mushroom pushbutton / B = EMERGENCY STOP mushroom pushbutton / C = mushroom pushbutton |
| <b>Manner of function of the actuating element</b> | A = momentary contact / B = latching / C = momentary contact                               |
| <b>Product feature</b>                             |                                                                                            |
| • lockout                                          | No                                                                                         |
| • staggered switching                              | No                                                                                         |
| <b>Color</b>                                       |                                                                                            |
| • of the actuating element                         | A = black / B = red / C = black                                                            |
| <b>Material of the actuating element</b>           | metal                                                                                      |
| <b>Shape of the actuating element</b>              | round                                                                                      |
| <b>Number of contact modules</b>                   | 6                                                                                          |
| <b>Type of unlocking device</b>                    | A = none / B = rotate to unlock / C = none                                                 |

#### Front ring

|                                     |        |
|-------------------------------------|--------|
| <b>Product component front ring</b> | Yes    |
| <b>Material of the front ring</b>   | metal  |
| <b>Color of the front ring</b>      | silver |

#### Holder

|                               |       |
|-------------------------------|-------|
| <b>Material of the holder</b> | Metal |
|-------------------------------|-------|

#### General technical data

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| <b>Product function</b>                 |                                   |
| • positive opening                      | Yes                               |
| • EMERGENCY OFF function                | Yes                               |
| • EMERGENCY STOP function               | Yes                               |
| <b>Product component</b>                |                                   |
| • Stand/pedestal                        | No                                |
| <b>Protection class IP</b>              | IP66                              |
| <b>Degree of protection NEMA rating</b> | NEMA 1, 2, 3, 3R, 4, 4X, 12, 13   |
| <b>Shock resistance</b>                 |                                   |
| • acc. to IEC 60068-2-27                | Sinusoidal half-wave 50 g / 11 ms |
| <b>Vibration resistance</b>             |                                   |
| • acc. to IEC 60068-2-6                 | 10 ... 500 Hz: 5g                 |
| <b>Equipment marking</b>                |                                   |
| • acc. to DIN EN 61346-2                | S                                 |

|                                                           |                                                                                                                                                |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| • acc. to DIN EN 81346-2                                  | S                                                                                                                                              |
| Continuous current of the C characteristic MCB            | 10 A; for a short-circuit current smaller than 400 A                                                                                           |
| Continuous current of the quick DIAZED fuse link          | 10 A                                                                                                                                           |
| Continuous current of the DIAZED fuse link gG             | 10 A                                                                                                                                           |
| <b>Auxiliary circuit</b>                                  |                                                                                                                                                |
| Design of the contact of auxiliary contacts               | Silver alloy                                                                                                                                   |
| Number of NC contacts                                     |                                                                                                                                                |
| • for auxiliary contacts                                  | 4                                                                                                                                              |
| Number of NO contacts                                     |                                                                                                                                                |
| • for auxiliary contacts                                  | 2                                                                                                                                              |
| Number of CO contacts                                     |                                                                                                                                                |
| • for auxiliary contacts                                  | 0                                                                                                                                              |
| <b>Connections/Terminals</b>                              |                                                                                                                                                |
| Type of electrical connection on enclosure                | Cable routing at the rear 2 x M25                                                                                                              |
| <b>Ambient conditions</b>                                 |                                                                                                                                                |
| Ambient temperature                                       |                                                                                                                                                |
| • during operation                                        | -25 ... +70 °C                                                                                                                                 |
| • during storage                                          | -40 ... +80 °C                                                                                                                                 |
| Environmental category during operation acc. 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>Installation/ mounting/ dimensions</b>                 |                                                                                                                                                |
| Mounting type                                             |                                                                                                                                                |
| • of modules and accessories                              | Front plate mounting                                                                                                                           |
| Height                                                    | 185.6 mm                                                                                                                                       |
| Width                                                     | 492.4 mm                                                                                                                                       |
| Depth                                                     | 159.5 mm                                                                                                                                       |
| <b>Accessories</b>                                        |                                                                                                                                                |
| Number of backing plates                                  | 1                                                                                                                                              |
| Marking of backing plate                                  | EMERGENCY-STOP                                                                                                                                 |
| Color of backing plate                                    | Yellow                                                                                                                                         |
| <b>Certificates/approvals</b>                             |                                                                                                                                                |

| General Product Approval                                                                 |                                                                                         |                                                                                          |                                                                                   | Declaration of<br>Conformity                                                                    | Test<br>Certificates                                                 |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <br>CCC | <br>UL | <br>VDE |  | <br>EG-Konf. | <a href="#">Declaration of the<br/>Compliance with the<br/>order</a> |

| Test<br>Certificates | Marine / Shipping |
|----------------------|-------------------|
|----------------------|-------------------|

[Special Test  
Certificate](#)



ABS



LRS



PRS



RINA



RMRS

| Marine /<br>Shipping | other |
|----------------------|-------|
|----------------------|-------|

[Confirmation](#)



## Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1853-3NB00-1AA1>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1853-3NB00-1AA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1853-3NB00-1AA1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1853-3NB00-1AA1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1853-3NB00-1AA1&lang=en)

last modified:

09/25/2017