

PUSHBUTTON, 22MM, ROUND, METAL, SHINY, BLACK, FLAT  
BUTTON, MOMENTARY CONTACT TYPE, WITH HOLDER,  
1NO+1NC, SCREW TERMINAL

|                                                                                                                                                                                              |                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| product brandname                                                                                                                                                                            | SIRIUS ACT                                                                                                                                           |
| Manufacturer's article number                                                                                                                                                                |                                                                                                                                                      |
| <ul style="list-style-type: none"> <li>• of supplied contact module</li> <li>• 1 of supplied contact module</li> <li>• of the supplied holder</li> <li>• of the supplied actuator</li> </ul> | <a href="#">3SU1400-1AA10-1FA0</a><br><a href="#">3SU1400-1AA10-1FA0</a><br><a href="#">3SU1550-0AA10-0AA0</a><br><a href="#">3SU1050-0AB10-0AA0</a> |
| Number of command points                                                                                                                                                                     | 1                                                                                                                                                    |

| Actuator                                                                     |                             |
|------------------------------------------------------------------------------|-----------------------------|
| Design of the operating mechanism                                            | pushbutton with flat button |
| Manner of function of the actuating element                                  | Momentary contact type      |
| Product extension optional Light source                                      | No                          |
| Color                                                                        |                             |
| <ul style="list-style-type: none"> <li>• of the actuating element</li> </ul> | black                       |
| Material of the actuating element                                            | plastic                     |
| Shape of the actuating element                                               | round                       |
| Outer diameter of the actuating element                                      | 29.45 mm                    |
| Number of contact modules                                                    | 1                           |
| Type of unlocking device                                                     | without                     |

| 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            |

| Holder                 |       |
|------------------------|-------|
| Material of the holder | Metal |

| Display               |   |
|-----------------------|---|
| Number of LED modules | 0 |

| General technical data                                               |     |
|----------------------------------------------------------------------|-----|
| Product function                                                     |     |
| <ul style="list-style-type: none"> <li>• positive opening</li> </ul> | Yes |
| Product component                                                    |     |
| <ul style="list-style-type: none"> <li>• Light source</li> </ul>     | No  |
| Insulation voltage                                                   |     |

|                                                         |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| • rated value                                           | 500 V                                                |
| <b>Degree of pollution</b>                              | 3                                                    |
| <b>Surge voltage resistance rated value</b>             | 6 kV                                                 |
| <b>Protection class IP</b>                              | IP66, IP67, IP69(IP69K)                              |
| • of the terminal                                       | IP20                                                 |
| <b>Degree of protection NEMA rating</b>                 | NEMA 1, 2, 3, 3R, 4, 4X, 12                          |
| <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>Operating frequency maximum</b>                      | 3 600 1/h                                            |
| <b>Mechanical service life (switching cycles)</b>       |                                                      |
| • typical                                               | 10 000 000                                           |
| <b>Electrical endurance (switching cycles)</b>          |                                                      |
| • typical                                               | 10 000 000                                           |
| <b>Thermal current</b>                                  | 10 A                                                 |
| <b>Equipment marking</b>                                |                                                      |
| • acc. to DIN EN 61346-2                                | P                                                    |
| • acc. to DIN EN 81346-2                                | P                                                    |
| <b>Continuous current of the C characteristic MCB</b>   | 10 A; for a short-circuit current smaller than 400 A |
| <b>Continuous current of the quick DIAZED fuse link</b> | 10 A                                                 |
| <b>Continuous current of the DIAZED fuse link gG</b>    | 10 A                                                 |

#### Main circuit

|                          |             |
|--------------------------|-------------|
| <b>Operating voltage</b> |             |
| • at AC                  |             |
| — at 50 Hz rated value   | 5 ... 500 V |
| — at 60 Hz rated value   | 5 ... 500 V |
| • at DC                  |             |
| — rated value            | 5 ... 500 V |

#### Power Electronics

|                            |                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------|
| <b>Contact reliability</b> | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) |
|----------------------------|--------------------------------------------------------------------------------------------|

#### Auxiliary circuit

|                                                    |              |
|----------------------------------------------------|--------------|
| <b>Design of the contact of auxiliary contacts</b> | Silver alloy |
| <b>Number of NC contacts</b>                       |              |
| • for auxiliary contacts                           | 1            |
| <b>Number of NO contacts</b>                       |              |
| • for auxiliary contacts                           | 1            |
| <b>Number of CO contacts</b>                       |              |
| • for auxiliary contacts                           | 1            |

#### Connections/Terminals

|                                                       |                                    |
|-------------------------------------------------------|------------------------------------|
| <b>Type of electrical connection</b>                  |                                    |
| • of modules and accessories                          | Screw-type terminal                |
| <b>Type of connectable conductor cross-sections</b>   |                                    |
| • solid with core end processing                      | 2x (0.5 ... 0.75 mm <sup>2</sup> ) |
| • solid without core end processing                   | 2x (1.0 ... 1.5 mm <sup>2</sup> )  |
| • finely stranded with core end processing            | 2x (0.5 ... 1.5 mm <sup>2</sup> )  |
| • finely stranded without core end processing         | 2x (1,0 ... 1,5 mm <sup>2</sup> )  |
| • at AWG conductors                                   | 2x (18 ... 14)                     |
| <b>Tightening torque of the screws in the bracket</b> | 1 ... 1.2 N·m                      |
| <b>Tightening torque</b>                              |                                    |
| • with screw-type terminals                           | 0.8 ... 0.9 N·m                    |

#### Ambient conditions

|                                                                  |                                                                                                                                                |
|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ambient temperature</b>                                       |                                                                                                                                                |
| • during operation                                               | -25 ... +70 °C                                                                                                                                 |
| • during storage                                                 | -40 ... +80 °C                                                                                                                                 |
| <b>Environmental category during operation acc. to IEC 60721</b> | 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

|                                                    |                      |
|----------------------------------------------------|----------------------|
| <b>Mounting type</b>                               | front mounting       |
| • of modules and accessories                       | Front plate mounting |
| <b>Height</b>                                      | 40 mm                |
| <b>Width</b>                                       | 30 mm                |
| <b>Shape of the installation opening</b>           | round                |
| <b>Mounting diameter</b>                           | 22.3 mm              |
| <b>Positive tolerance of installation diameter</b> | 0.4 mm               |
| <b>Mounting height</b>                             | 11 mm                |
| <b>Installation width</b>                          | 29.5 mm              |
| <b>Installation depth</b>                          | 71.7 mm              |

#### Certificates/approvals

| General Product Approval                                                                 |                                                                                          |                                                                                         |                                                                                   | Declaration of<br>Conformity                                                                    | Test<br>Certificates               |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------|
| <br>CCC | <br>CSA | <br>UL |  | <br>EG-Konf. | <a href="#">Werksbescheinigung</a> |

| Test<br>Certificates                                                 | Shipping Approval                                                                        |                                                                                          |                                                                                          |                                                                                             |                                                                                             |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <a href="#">spezielle<br/>Prüfbescheinigung</a><br><a href="#">n</a> | <br>ABS | <br>LRS | <br>PRS | <br>RINA | <br>RMRS |

|                               |
|-------------------------------|
| <b>other</b>                  |
| <a href="#">Bestätigungen</a> |

#### 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=3SU1150-0AB10-1FA0>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0AB10-1FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-0AB10-1FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1150-0AB10-1FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-0AB10-1FA0&lang=en)

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