

PUSHBUTTON, 22MM, ROUND, PLASTIC WITH METAL FRONT RING, RED, FLAT BUTTON, MOMENTARY CONTACT TYPE, WITH HOLDER, 1NC, SCREW TERMINAL



Figure similar

|                                |                                    |
|--------------------------------|------------------------------------|
| Product brand name             | SIRIUS ACT                         |
| Product designation            | Pushbuttons                        |
| Product type designation       | 3SU1                               |
| Manufacturer's article number  |                                    |
| • of supplied contact module   | <a href="#">3SU1400-1AA10-1CA0</a> |
| • 1 of supplied contact module | <a href="#">3SU1400-1AA10-1CA0</a> |
| • of the supplied holder       | <a href="#">3SU1500-0AA10-0AA0</a> |
| • of the supplied actuator     | <a href="#">3SU1030-0AB20-0AA0</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                                       |                             |
| • of the actuating element                  | Red                         |
| 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, matt |
| Color of the front ring      | sand gray   |

#### Holder

|                        |         |
|------------------------|---------|
| Material of the holder | Plastic |
|------------------------|---------|

#### Display

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

#### General technical data

|                                                         |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| <b>Product function</b>                                 |                                                      |
| • positive opening                                      | Yes                                                  |
| <b>Product component</b>                                |                                                      |
| • Light source                                          | No                                                   |
| <b>Insulation voltage</b>                               |                                                      |
| • 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                    |
| • for railway applications acc. to DIN EN 61373         | Category 1, Class B                                  |
| <b>Vibration resistance</b>                             |                                                      |
| • acc. to IEC 60068-2-6                                 | 10 ... 500 Hz: 5g                                    |
| • for railway applications acc. to DIN EN 61373         | Category 1, Class B                                  |
| <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                                | S                                                    |
| • acc. to DIN EN 81346-2                                | S                                                    |
| <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                                                 |

|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Continuous current of the DIAZED fuse link gG                                                                                                                                                                                                                                                                     | 10 A                                                                                                                                                                |
| <b>Main circuit</b>                                                                                                                                                                                                                                                                                               |                                                                                                                                                                     |
| <b>Operating voltage</b> <ul style="list-style-type: none"> <li>at AC <ul style="list-style-type: none"> <li>at 50 Hz rated value</li> <li>at 60 Hz rated value</li> </ul> </li> <li>at DC <ul style="list-style-type: none"> <li>rated value</li> </ul> </li> </ul>                                              | 5 ... 500 V<br>5 ... 500 V<br>5 ... 500 V                                                                                                                           |
| <b>Power Electronics</b>                                                                                                                                                                                                                                                                                          |                                                                                                                                                                     |
| <b>Contact reliability</b>                                                                                                                                                                                                                                                                                        | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)                                                                          |
| <b>Auxiliary circuit</b>                                                                                                                                                                                                                                                                                          |                                                                                                                                                                     |
| <b>Design of the contact of auxiliary contacts</b>                                                                                                                                                                                                                                                                | Silver alloy                                                                                                                                                        |
| <b>Number of NC contacts</b> <ul style="list-style-type: none"> <li>for auxiliary contacts</li> </ul>                                                                                                                                                                                                             | 1                                                                                                                                                                   |
| <b>Number of NO contacts</b> <ul style="list-style-type: none"> <li>for auxiliary contacts</li> </ul>                                                                                                                                                                                                             | 0                                                                                                                                                                   |
| <b>Number of CO contacts</b> <ul style="list-style-type: none"> <li>for auxiliary contacts</li> </ul>                                                                                                                                                                                                             | 0                                                                                                                                                                   |
| <b>Connections/Terminals</b>                                                                                                                                                                                                                                                                                      |                                                                                                                                                                     |
| <b>Type of electrical connection</b> <ul style="list-style-type: none"> <li>of modules and accessories</li> </ul>                                                                                                                                                                                                 | Screw-type terminal                                                                                                                                                 |
| <b>Type of connectable conductor cross-sections</b> <ul style="list-style-type: none"> <li>solid with core end processing</li> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG conductors</li> </ul> | 2x (0.5 ... 0.75 mm <sup>2</sup> )<br>2x (1.0 ... 1.5 mm <sup>2</sup> )<br>2x (0.5 ... 1.5 mm <sup>2</sup> )<br>2x (1,0 ... 1,5 mm <sup>2</sup> )<br>2x (18 ... 14) |
| <b>Tightening torque of the screws in the bracket</b>                                                                                                                                                                                                                                                             | 1 ... 1.2 N·m                                                                                                                                                       |
| <b>Tightening torque</b> <ul style="list-style-type: none"> <li>with screw-type terminals</li> </ul>                                                                                                                                                                                                              | 0.8 ... 0.9 N·m                                                                                                                                                     |
| <b>Ambient conditions</b>                                                                                                                                                                                                                                                                                         |                                                                                                                                                                     |
| <b>Ambient temperature</b> <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul>                                                                                                                                                                                             | -25 ... +70 °C<br>-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>                                                                                                                                                                                                                                                                         |                                                                                                                                                                     |
| <b>Mounting type</b>                                                                                                                                                                                                                                                                                              | front mounting                                                                                                                                                      |

- of modules and accessories

|                                             |                      |
|---------------------------------------------|----------------------|
|                                             | Front plate mounting |
| Height                                      | 40 mm                |
| Width                                       | 30 mm                |
| Shape of the installation opening           | round                |
| Mounting diameter                           | 22.3 mm              |
| Positive tolerance of installation diameter | 0.4 mm               |
| Mounting height                             | 11 mm                |
| Installation width                          | 29.5 mm              |
| Installation depth                          | 49.7 mm              |

#### Certificates/approvals

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

| Test Certificates                        | Shipping Approval                                                                  |                                                                                    |                                                                                    |                                                                                      |                                                                                      |
|------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <a href="#">Special Test Certificate</a> |  |  |  |  |  |
|                                          | ABS                                                                                | LRS                                                                                | PRS                                                                                | RINA                                                                                 | RMRS                                                                                 |

#### 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=3SU1130-0AB20-1CA0>

Cax online generator

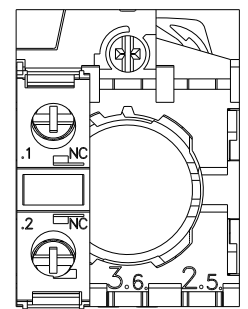
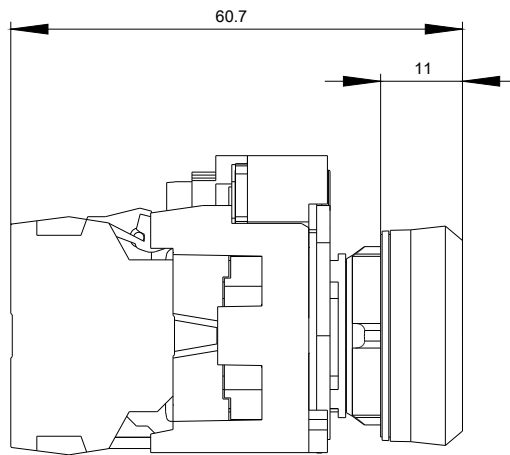
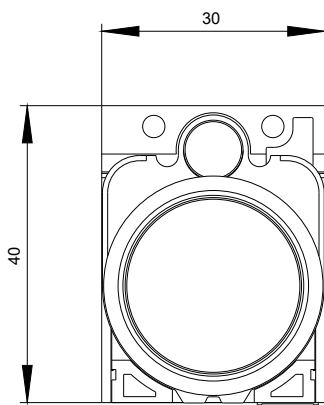
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-0AB20-1CA0>

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

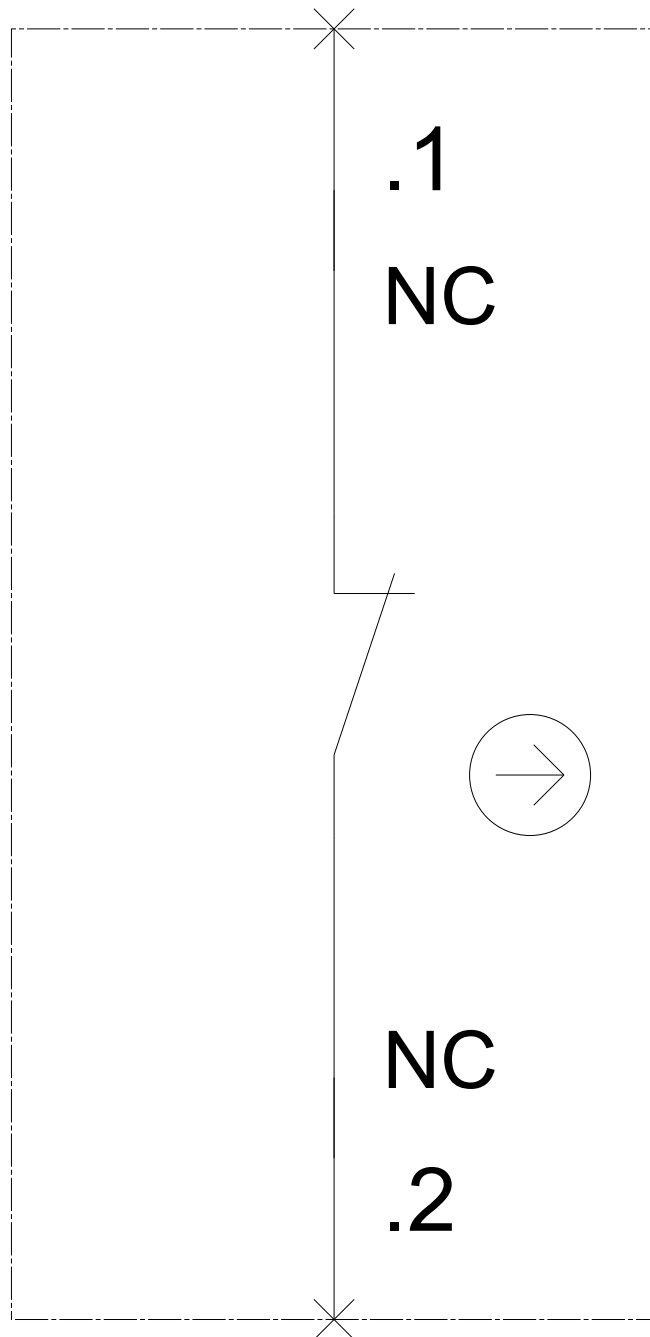
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-0AB20-1CA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1130-0AB20-1CA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-0AB20-1CA0&lang=en)



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