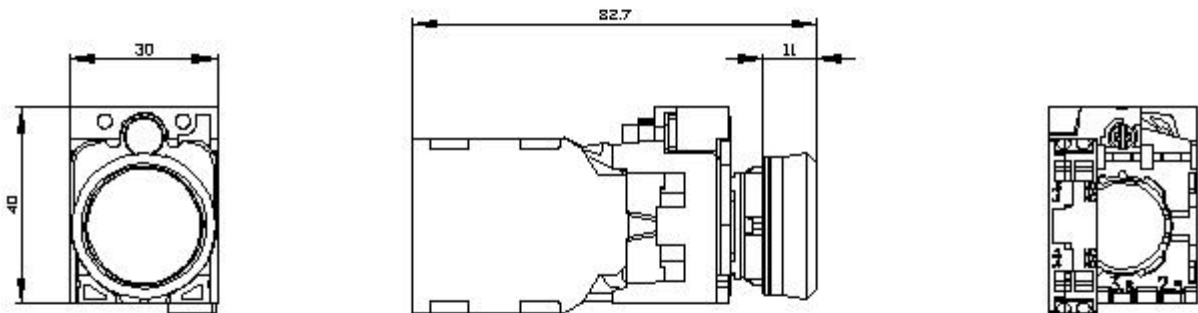


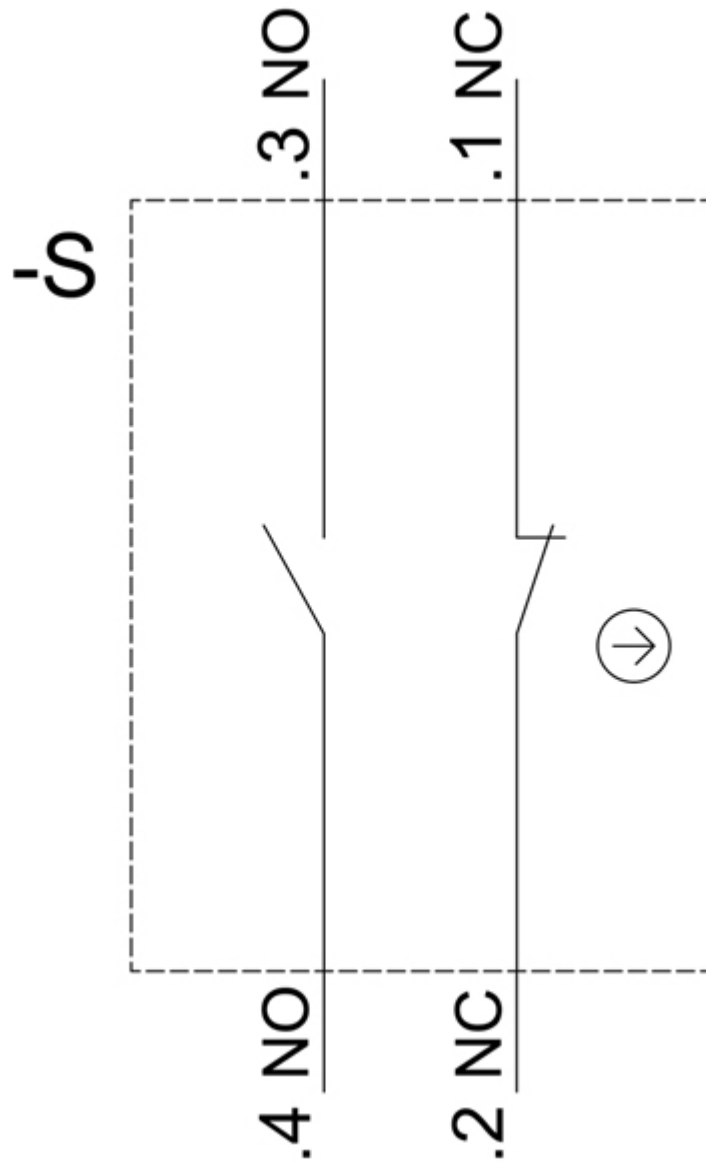


Pushbutton, 22 mm, round, plastic, blue, pushbutton, flat, momentary contact type, with holder 1 NO+1 NC, spring-type terminal, Z=20-unit packaging

|  |  |
|--|--|
| <b>product brand name</b>  | SIRIUS ACT   |
| <b>product designation</b>   | Pushbuttons  |
| <b>design of the product</b>   | Complete unit  |
| <b>product type designation</b>  | 3SU1   |
| <b>product line</b>  | Plastic, black, 22 mm  |
| <b>manufacturer's article number</b>   |  |
| <ul style="list-style-type: none"> <li>• of supplied contact module at position 1</li> <li>• of the supplied holder</li> <li>• of the supplied actuator</li> </ul> | <a href="#">3SU1400-1AA10-3FA0</a><br><a href="#">3SU1500-0AA10-0AA0</a><br><a href="#">3SU1000-0AB50-0AA0</a> |
| <b>number of command points</b>  | 1  |
| <b>Actuator</b>  |  |
| <b>design of the actuating element</b>   | Button, flat   |
| <b>principle of operation of the actuating element</b>   | momentary contact type   |
| product extension optional light source  | No   |
| color of the actuating element   | blue   |
| <b>material of the actuating element</b>   | plastic  |
| <b>shape of the actuating element</b>  | round  |
| <b>outer diameter of the actuating element</b>   | 29.45 mm   |
| <b>number of contact modules</b>   | 1  |
| <b>Front ring</b>  |  |
| <b>product component front ring</b>  | Yes  |
| <b>design of the front ring</b>  | Standard   |
| <b>material of the front ring</b>  | plastic  |
| <b>color of the front ring</b>   | black  |
| <b>Holder</b>  |  |
| <b>material of the holder</b>  | Plastic  |
| <b>Display</b>   |  |
| <b>number of LED modules</b>   | 0  |
| <b>General technical data</b>  |  |
| product function positive opening  | Yes  |
| product component light source   | No   |
| insulation voltage rated value   | 500 V  |
| <b>degree of pollution</b>   | 3  |
| type of voltage of the operating voltage   | AC/DC  |
| <b>surge voltage resistance rated value</b>  | 6 kV   |
| <b>protection class IP</b>   | IP66, IP67, IP69(IP69K)  |
| <ul style="list-style-type: none"> <li>• of the terminal</li> </ul>  | IP20   |

|   |  |
|---|--|
| <b>degree of protection NEMA rating</b>   | 1, 2, 3, 3R, 4, 4X, 12, 13   |
| <b>shock resistance</b>   | Sinusoidal half-wave 50g / 11 ms<br>Category 1, Class B  |
| <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul>   |  |
| <b>vibration resistance</b>   | 10 ... 500 Hz: 5g<br>Category 1, Class B   |
| <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul>  |  |
| <b>operating frequency maximum</b>  | 3 600 1/h  |
| mechanical service life (switching cycles) typical  | 10 000 000   |
| electrical endurance (switching cycles) typical   | 10 000 000   |
| <b>thermal current</b>  | 10 A   |
| <b>reference code acc. to IEC 81346-2</b>   | 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   |
| <b>continuous current of the DIAZED fuse link gG</b>  | 10 A   |
| <ul style="list-style-type: none"> <li>• operating voltage 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>• operating voltage at DC rated value</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 for auxiliary contacts</b>   | 1  |
| <b>number of NO contacts for auxiliary contacts</b>   | 1  |
| <b>Connections/ Terminals</b>   |  |
| type of electrical connection of modules and accessories  | Spring-type terminal   |
| <b>type of connectable conductor cross-sections</b>   | 2x (0.25 ... 1.5 mm <sup>2</sup> )<br>2x (0.25 ... 0.75 mm <sup>2</sup> )<br>2x (0.25 ... 1.5 mm <sup>2</sup> )<br>2x (24 ... 16)              |
| <ul style="list-style-type: none"> <li>• solid without core end processing</li> </ul>   |  |
| <ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>  |  |
| <ul style="list-style-type: none"> <li>• finely stranded without core end processing</li> </ul>   |  |
| <ul style="list-style-type: none"> <li>• at AWG cables</li> </ul>   |  |
| <b>tightening torque of the screws in the bracket</b>   | 1 ... 1.2 N·m  |
| <b>Ambient conditions</b>   |  |
| <ul style="list-style-type: none"> <li>• ambient temperature during operation</li> <li>• ambient temperature 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>fastening method</b>   | front panel mounting   |
| <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>  | 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  |
| <b>Certificates/ approvals</b>  |  |
| <b>Further information</b>  |  |
| Information- and Downloadcenter (Catalogs, Brochures,...)<br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>  |  |
| Industry Mall (Online ordering system)<br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SU1100-0AB50-3FA0-Z_X90">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SU1100-0AB50-3FA0-Z_X90</a>           |  |
| Cax online generator<br><a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mfb=3SU1100-0AB50-3FA0-Z_X90">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mfb=3SU1100-0AB50-3FA0-Z_X90</a> |  |





last modified:

1/18/2021 