

ILLUMINATED PUSHBUTTON, 22MM, ROUND, METAL, SHINY, RED, FLAT BUTTON, MOMENTARY CONTACT TYPE, WITH HOLDER, 1NC, LED MODULE, WITH INTEGRATED LED 24V AC/DC, SCREW TERMINAL



Figure similar

|                                                                                                            |                                         |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| product brand name                                                                                         | SIRIUS ACT                              |
| Product designation                                                                                        | Commanding and signaling devices        |
| Design of the product                                                                                      | Pushbutton                              |
| <ul style="list-style-type: none"><li>• Manufacturer article number of supplied contact module</li></ul>   | <a href="#">3SU1400-1AA10-1CA0</a>      |
| <ul style="list-style-type: none"><li>• Manufacturer article number 1 of supplied contact module</li></ul> | <a href="#">3SU1400-1AA10-1CA0</a>      |
| <ul style="list-style-type: none"><li>• Manufacturer article number of supplied LED module</li></ul>       | <a href="#">3SU1401-1BB20-1AA0</a>      |
| <ul style="list-style-type: none"><li>• Manufacturer's article number of the supplied holder</li></ul>     | <a href="#">3SU1550-0AA10-0AA0</a>      |
| <ul style="list-style-type: none"><li>• Manufacturer article number of the supplied actuator</li></ul>     | <a href="#">3SU1051-0AB20-0AA0</a>      |
| Enclosure:                                                                                                 |                                         |
| Number of command points                                                                                   | 1                                       |
| Actuator:                                                                                                  |                                         |
| Design of the operating mechanism                                                                          | illuminated pushbutton with flat button |
| Manner of function of the actuating element                                                                | Momentary contact type                  |
| Product expansion optional Light source                                                                    | Yes                                     |

|                                                |          |
|------------------------------------------------|----------|
| <b>Color</b>                                   |          |
| • of the actuating element                     | Red      |
| <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>Type of unlocking device</b>                | without  |

#### Front ring:

|                                     |                   |
|-------------------------------------|-------------------|
| <b>Product component front ring</b> | Yes               |
| <b>Design of the front ring</b>     | Standard          |
| <b>Material of the front ring</b>   | Metal, high gloss |
| <b>Color of the front ring</b>      | silver            |

#### Holder:

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

#### Display:

|                              |         |
|------------------------------|---------|
| <b>Number of LED modules</b> | 1       |
| <b>Light intensity</b>       | 800 mcd |

#### General technical data:

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| <b>Product function</b>                           |                                   |
| • positive opening                                | Yes                               |
| <b>Product component</b>                          |                                   |
| • Light source                                    | Yes                               |
| <b>Insulation voltage</b>                         |                                   |
| • rated value                                     | 320 V                             |
| <b>Surge voltage resistance rated value</b>       | 4 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           |
| <b>Degree of pollution</b>                        | 3                                 |
| <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                                         | 3 000 000                         |
| <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>Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required</b> | gG / Dz 10 A, quick-acting / Dz 10 A                 |
| <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            | 500 ... 5 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) |
|----------------------------|--------------------------------------------------------------------------------------------|

#### Supply voltage:

|                                                   |      |
|---------------------------------------------------|------|
| <b>Supply voltage 1 of the light source at AC</b> |      |
| • at 50 Hz rated value                            | 24 V |
| • at 60 Hz rated value                            | 24 V |
| <b>Supply voltage 1 of the light source at DC</b> |      |
| • rated value                                     | 24 V |

#### 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                           | 0            |
| <b>Number of CO contacts</b>                       |              |
| • for auxiliary contacts                           | 0            |

#### 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>Connectable conductor cross-section</b>          |                                    |

|                                                       |                             |
|-------------------------------------------------------|-----------------------------|
| • finely stranded with core end processing            | 0.5 ... 1.5 mm <sup>2</sup> |
| <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             |

|                                  |     |
|----------------------------------|-----|
| <b>Lamp:</b>                     |     |
| <b>Type of light source</b>      | LED |
| <b>Color of the light source</b> | red |

|                            |                |
|----------------------------|----------------|
| <b>Ambient conditions:</b> |                |
| <b>Ambient temperature</b> |                |
| • during operation         | -25 ... +70 °C |
| • during storage           | -40 ... +80 °C |

|                                            |                      |
|--------------------------------------------|----------------------|
| <b>Installation/ mounting/ dimensions:</b> |                      |
| <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>Mounting height</b>                     | 11 mm                |
| <b>Installation width</b>                  | 29.5 mm              |
| <b>Installation depth</b>                  | 49.7 mm              |

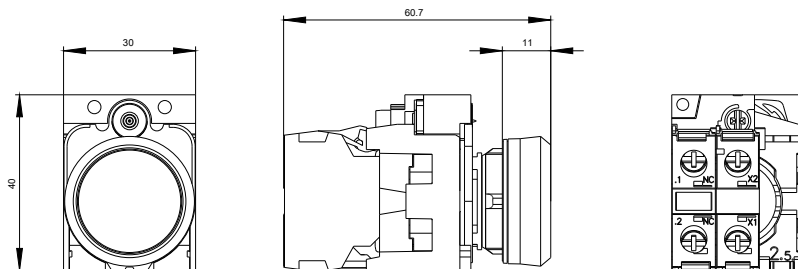
|                                 |                                  |                          |
|---------------------------------|----------------------------------|--------------------------|
| <b>Certificates/approvals</b>   |                                  |                          |
| <b>General Product Approval</b> | <b>Declaration of Conformity</b> | <b>Shipping Approval</b> |



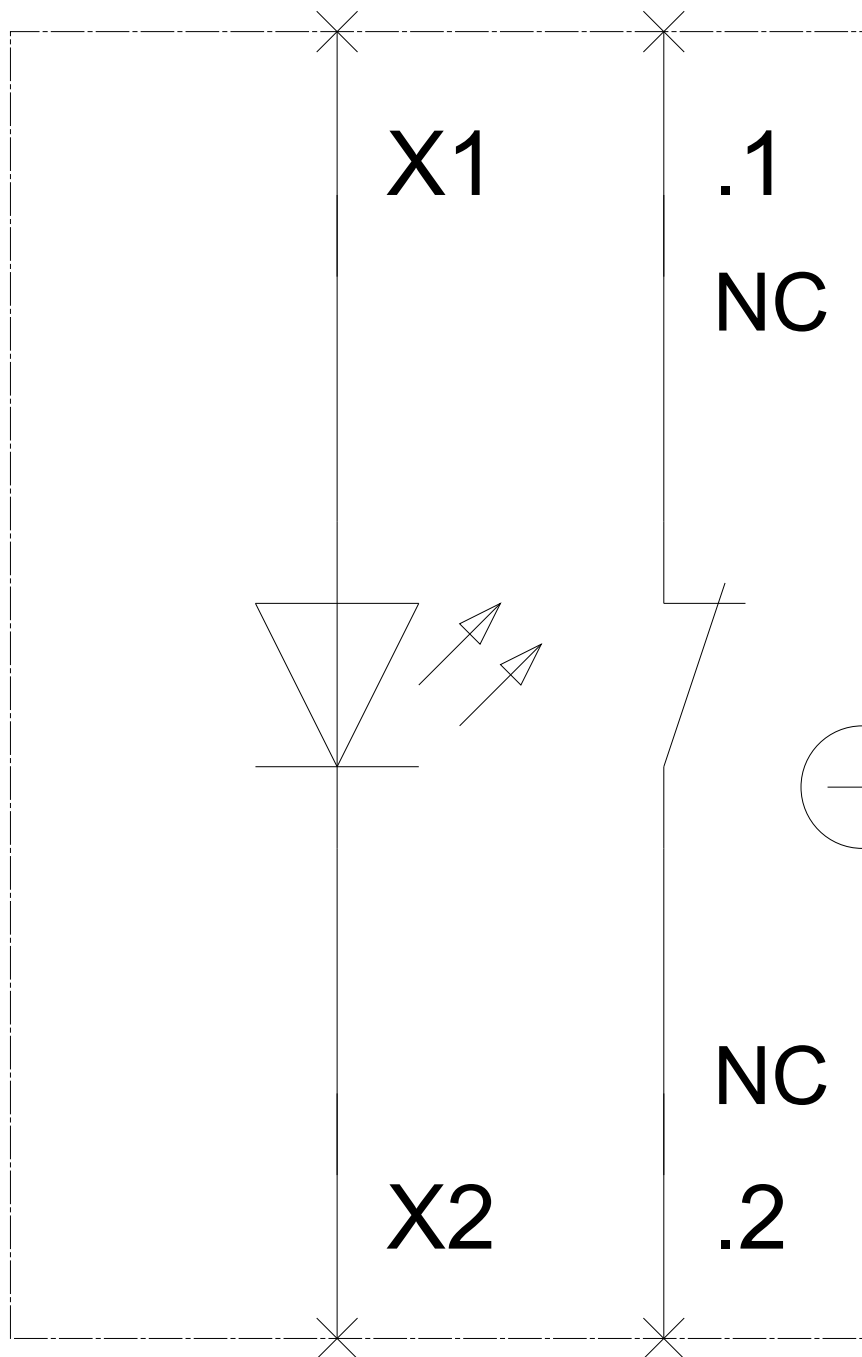
other

[Bestätigungen](#)

|                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Further information</b>                                                                                                                                                                                                                     |
| <b>Information- and Downloadcenter (Catalogs, Brochures,...)</b><br><a href="http://www.siemens.com/industrial-controls/catalogs">http://www.siemens.com/industrial-controls/catalogs</a>                                                      |
| <b>Industry Mall (Online ordering system)</b><br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU11520AB201CA0">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU11520AB201CA0</a>           |
| <b>Cax online generator</b><br><a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU11520AB201CA0">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU11520AB201CA0</a> |



**-P**  
**24 V AC/DC**



last modified:

26.02.2016