

ILLUMINATED PUSHBUTTON, 22MM, ROUND, METAL, SHINY, RED, FLAT BUTTON, MOMENTARY CONTACT TYPE, WITH HOLDER, 1NC, LED MODULE, WITH INTEGRATED LED 110V AC, SPRING-TYPE TERMINAL



Figure similar

|                               |                                    |
|-------------------------------|------------------------------------|
| product brand name            | SIRIUS ACT                         |
| Product designation           | Commanding and signaling devices   |
| Design of the product         | Pushbutton                         |
| Manufacturer's article number |                                    |
| • of supplied contact module  | <a href="#">3SU1400-1AA10-3CA0</a> |
| • of supplied LED module      | <a href="#">3SU1401-1BC20-3AA0</a> |
| • of the supplied holder      | <a href="#">3SU1550-0AA10-0AA0</a> |
| • of the supplied actuator    | <a href="#">3SU1051-0AB20-0AA0</a> |

| Actuator:                                   |                                         |
|---------------------------------------------|-----------------------------------------|
| Design of the operating mechanism           | illuminated pushbutton with flat button |
| Manner of function of the actuating element | Momentary contact type                  |
| Product extension optional Light source     | Yes                                     |
| 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                                 |

|                              |                   |
|------------------------------|-------------------|
| <b>Front ring:</b>           |                   |
| 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            |

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

|                       |                   |
|-----------------------|-------------------|
| <b>Display:</b>       |                   |
| Number of LED modules | 1                 |
| Light intensity       | 800 mcd           |
| Light intensity       | 450 ... 1 120 mcd |

|                                                  |                                                      |
|--------------------------------------------------|------------------------------------------------------|
| <b>General technical data:</b>                   |                                                      |
| Product function                                 |                                                      |
| • positive opening                               | Yes                                                  |
| Product component                                |                                                      |
| • Light source                                   | Yes                                                  |
| Insulation voltage                               |                                                      |
| • rated value                                    | 320 V                                                |
| Degree of pollution                              | 3                                                    |
| Surge voltage resistance rated value             | 4 kV                                                 |
| Protection class IP                              | IP66, IP67, IP69(IP69K)                              |
| • of the terminal                                | IP20                                                 |
| Degree of protection NEMA rating                 | NEMA 1, 2, 3, 3R, 4, 4X                              |
| Shock resistance                                 |                                                      |
| • acc. to IEC 60068-2-27                         | Sinusoidal half-wave 50 g / 11 ms                    |
| Vibration resistance                             |                                                      |
| • acc. to IEC 60068-2-6                          | 10 ... 500 Hz: 5g                                    |
| Operating frequency maximum                      | 3 600 1/h                                            |
| Mechanical service life (switching cycles)       |                                                      |
| • typical                                        | 3 000 000                                            |
| Electrical endurance (switching cycles)          |                                                      |
| • typical                                        | 10 000 000                                           |
| Thermal current                                  | 10 A                                                 |
| Equipment marking                                |                                                      |
| • acc. to DIN EN 61346-2                         | P                                                    |
| • acc. to DIN EN 81346-2                         | P                                                    |
| 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>Main circuit:</b> |  |
| Operating voltage    |  |

- 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) |
|----------------------------|--------------------------------------------------------------------------------------------|

#### Supply voltage:

|                                                   |       |
|---------------------------------------------------|-------|
| <b>Supply voltage 1 of the light source at AC</b> |       |
| • at 50 Hz rated value                            | 110 V |
| • at 60 Hz rated value                            | 110 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                          | Spring-type terminal                |
| <b>Type of connectable conductor cross-sections</b>   |                                     |
| • solid without core end processing                   | 2x (0.25 ... 1.5 mm <sup>2</sup> )  |
| • finely stranded with core end processing            | 2x (0.25 ... 0.75 mm <sup>2</sup> ) |
| • finely stranded without core end processing         | 2x (0.25 ... 1.5 mm <sup>2</sup> )  |
| • at AWG conductors                                   | 2x (24 ... 16)                      |
| <b>Connectable conductor cross-section</b>            |                                     |
| • finely stranded with core end processing            | 0.25 ... 0.75 mm <sup>2</sup>       |
| <b>Tightening torque of the screws in the bracket</b> | 1 ... 1.2 N·m                       |

#### Lamp:

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

#### Ambient conditions:

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

#### 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>Mounting height</b>                   | 11 mm                |
| <b>Installation width</b>                | 29.5 mm              |
| <b>Installation depth</b>                | 49.7 mm              |

#### Certificates/approvals

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

| Test<br>Certificates                                   | Shipping Approval                                                                  | other                                                                              |
|--------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <a href="#">spezielle<br/>Prüfbescheinigung<br/>en</a> |  |  |
|                                                        | GL                                                                                 | PRS                                                                                |

#### 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=3SU11530AB203CA0>

**Cax online generator**

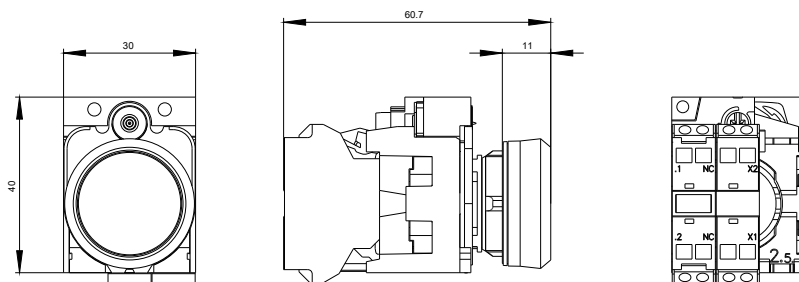
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU11530AB203CA0>

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

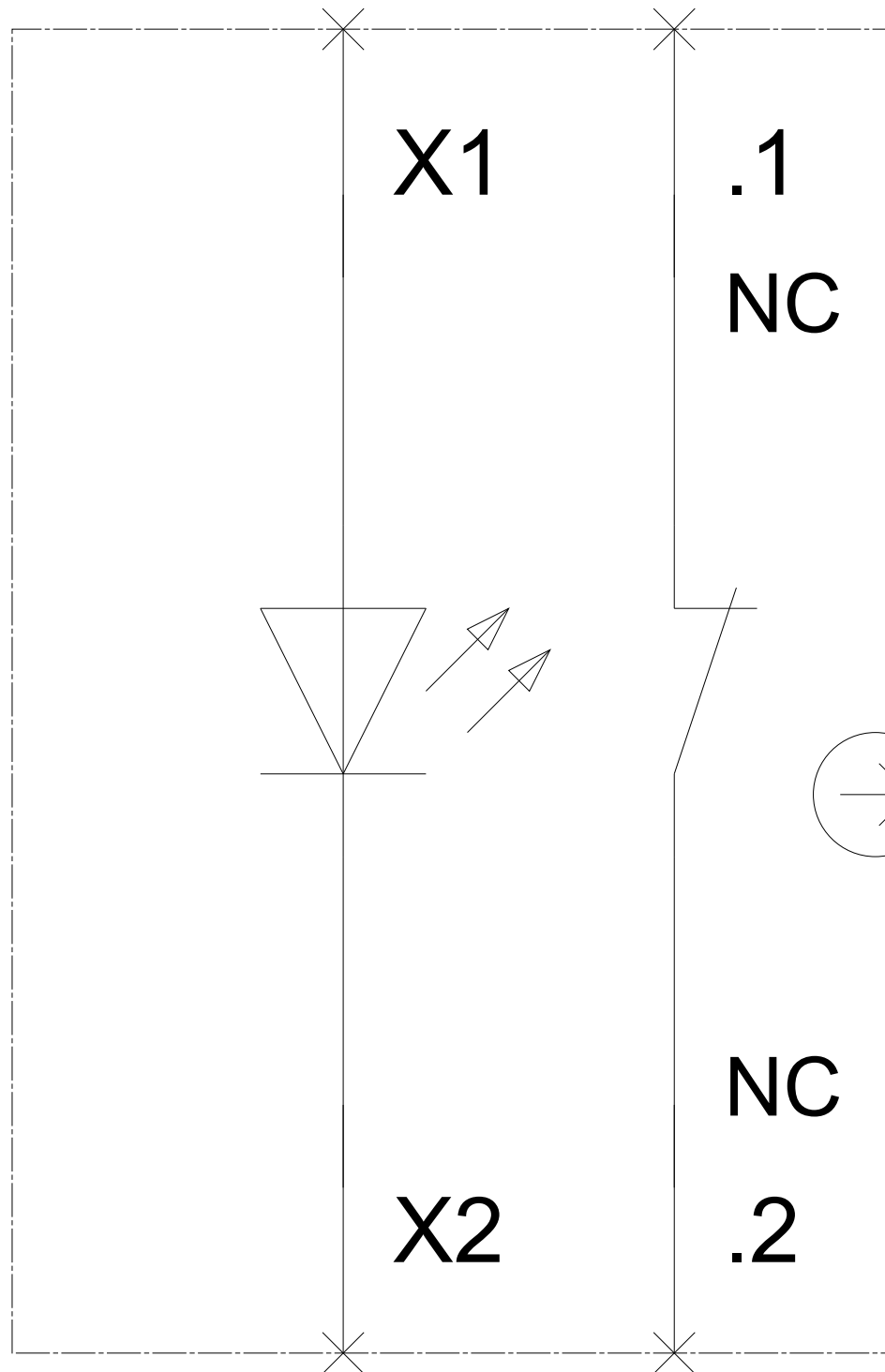
<https://support.industry.siemens.com/cs/ww/en/ps/3SU11530AB203CA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU11530AB203CA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU11530AB203CA0&lang=en)



**-P**  
**110 V AC**



last modified:

14.03.2016