

EMERG. STOP MUSHROOM PUSHBUTTON 22MM  
PLASTIC ROUND ROUND,  
RED, 40MM,  
LATCHING W. ROT.-TO-UNLATCH MECH.,  
TAMPER PROTECTION,  
1NC WITH INSTALLATION SUPERVIS. SCREW  
TERMINAL,  
WITH YELLOW BACKING PLATE INSCRIPTION: NOT-  
HALT WITH HOLDER

### Enclosure:

|                               |  |       |
|-------------------------------|--|-------|
| Material / of the enclosure   |  | metal |
| Form / of the enclosure front |  | round |

### Actuato/ signaling device:

|                                      |  |                                                                         |
|--------------------------------------|--|-------------------------------------------------------------------------|
| Design of the product                |  | Complete unit round with positive latching in accordance with ISO 13850 |
| Design of the operating mechanism    |  | Emergency stop mushroom pushbutton                                      |
| Functionality / of the actuator      |  | Latching                                                                |
| Type of unlocking device             |  | rotate-to-unlatch mechanism                                             |
| Color / of the activation element    |  | Red                                                                     |
| Material / of the activation element |  | plastic                                                                 |
| Number of switching positions        |  | 2                                                                       |
| Product component / front ring       |  | No                                                                      |

### Holder:

|                          |  |       |
|--------------------------|--|-------|
| Material / of the holder |  | Metal |
|--------------------------|--|-------|

### Contact block/ lampholder:

|                                                        |  |                      |
|--------------------------------------------------------|--|----------------------|
| Design of the electrical connection                    |  | screw-type terminals |
| Number of switching elements                           |  | 1                    |
| Number of NC contacts / for auxiliary contacts         |  | 1                    |
| Number of NO contacts / for auxiliary contacts         |  | 0                    |
| Number of changeover contacts / for auxiliary contacts |  | 0                    |
| Product function / positive opening                    |  | Yes                  |
| Number of lampholders                                  |  | 0                    |
| Product component / fluorescent materials              |  | No                   |
| Product extension / optional / fluorescent materials   |  | No                   |

| Accessories:                                                                    |     |                                              |
|---------------------------------------------------------------------------------|-----|----------------------------------------------|
| <b>Marking</b>                                                                  |     |                                              |
| • of backing plate                                                              |     | Yellow backing plate, inscription "NOT-HALT" |
| <b>Product component / holder for 3 switching elements</b>                      |     | No                                           |
| General technical details:                                                      |     |                                              |
| <b>Voltage type / of operating voltage</b>                                      |     | AC/DC                                        |
| <b>Operating voltage</b>                                                        |     |                                              |
| • rated value                                                                   | V   | 5 ... 400                                    |
| <b>Operating current</b>                                                        |     |                                              |
| • at AC-12                                                                      |     |                                              |
| • at 24 V / rated value                                                         | A   | 10                                           |
| • at 48 V / rated value                                                         | A   | 10                                           |
| • at 110 V / rated value                                                        | A   | 10                                           |
| • at 230 V / rated value                                                        | A   | 10                                           |
| • at 400 V / rated value                                                        | A   | 10                                           |
| • at AC-15                                                                      |     |                                              |
| • at 24 V / rated value                                                         | A   | 6                                            |
| • at 48 V / rated value                                                         | A   | 6                                            |
| • at 110 V / rated value                                                        | A   | 6                                            |
| • at 230 V / rated value                                                        | A   | 6                                            |
| • at 400 V / rated value                                                        | A   | 3                                            |
| • at DC-12                                                                      |     |                                              |
| • at 24 V / rated value                                                         | A   | 10                                           |
| • at 48 V / rated value                                                         | A   | 5                                            |
| • at 110 V / rated value                                                        | A   | 2.5                                          |
| • at 230 V / rated value                                                        | A   | 1                                            |
| • at DC-13                                                                      |     |                                              |
| • at 24 V / rated value                                                         | A   | 3                                            |
| • at 48 V / rated value                                                         | A   | 1.5                                          |
| • at 110 V / rated value                                                        | A   | 0.7                                          |
| • at 230 V / rated value                                                        | A   | 0.3                                          |
| • for devices without incandescent lamp / according to IEC 60068-2-27           |     | <= 50g                                       |
| <b>Resistance against vibration / according to IEC 60068-2-6</b>                |     | 20 ... 200 Hz: 5g                            |
| <b>Operating cycles / maximum</b>                                               | 1/h | 1,000                                        |
| <b>Mechanical operating cycles as operating time / typical</b>                  |     | 300,000                                      |
| <b>Reference code</b>                                                           |     |                                              |
| • according to DIN EN 61346-2                                                   |     | S                                            |
| • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 |     | S                                            |

|                                                                                         |     |                |
|-----------------------------------------------------------------------------------------|-----|----------------|
| <b>Tightening torque / of the screws in the bracket / maximum</b>                       | N·m | 1              |
| • during operating                                                                      | °C  | -25 ... +70    |
| • during storage                                                                        | °C  | -40 ... +80    |
| <b>Protection class IP</b>                                                              |     | IP67           |
| <b>B10 value / with high demand rate / according to SN 31920</b>                        |     | 100,000        |
| <b>Proportion of dangerous failures / with high demand rate / according to SN 31920</b> | %   | 20             |
| <b>Proportion of dangerous failures / with low demand rate / according to SN 31920</b>  | %   | 20             |
| <b>Failure rate [FIT] / with low demand rate / according to SN 31920</b>                | FIT | 100            |
| <b>T1 value / for proof test interval or service life / according to IEC 61508</b>      | a   | 20             |
| <b>climatic class / during the operating phase / according to EN 60721</b>              |     | 3K6            |
| <b>Mounting type</b>                                                                    |     | front mounting |
| <b>Shape / of the installation hole</b>                                                 |     | round          |
| <b>Installation width</b>                                                               | mm  | 40.5           |
| <b>Mounting diameter</b>                                                                | mm  | 22             |
| <b>Mounting height</b>                                                                  | mm  | 49             |
| <b>Mounting depth</b>                                                                   | mm  | 49             |

#### Certificates/ approvals:

##### General Product Approval



EG-Konf.



LRS



PRS



RINA

##### Shipping Approval



ABS



DNV

#### Further information:

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

##### Cax online generator

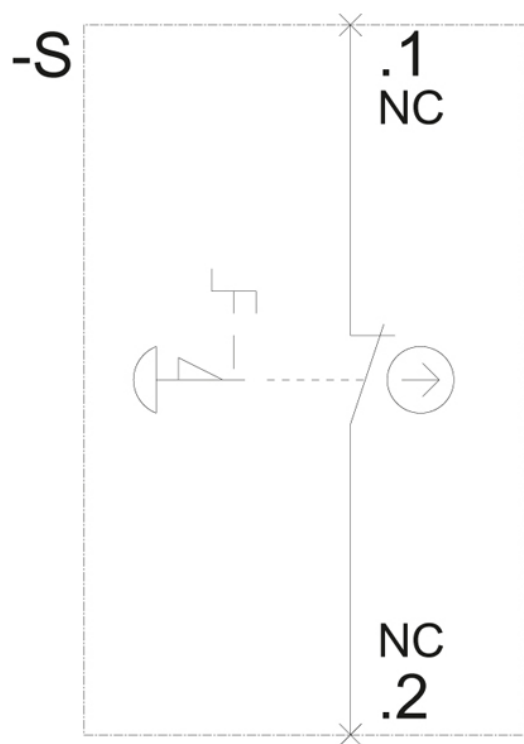
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3666-1HA20/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3666-1HA20](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3666-1HA20)



last change:

Jul 7, 2014