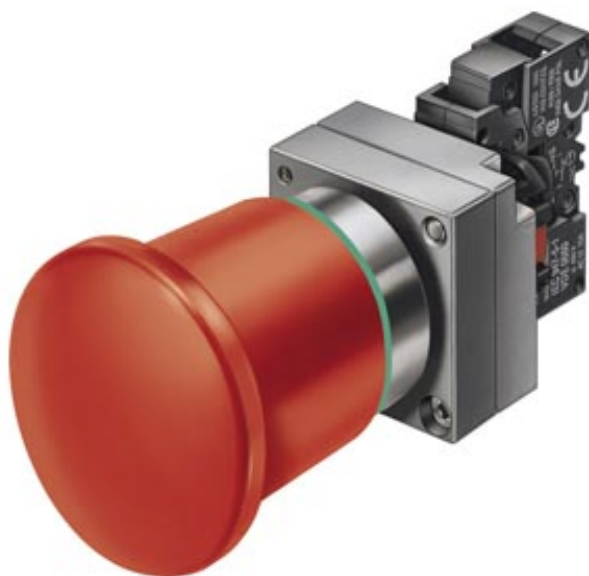




22MM METAL ROUND COMPLETE UNIT COMBINATION:  
EMERGEN.-STOP MUSHR.PUSHB. 40MM LATCHING  
W.PULL-TO-UNLOCK MECH. WITH YELLOW BACKING  
PLATE SCREW TERMINAL,  
1ONC WITH HOLDER RED SOLVENT RESISTANT  
INSCRIPTION: NOT-HALT

### Enclosure:

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

### Actuator / 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                                      |
| Type of unlocking device             | pull-to-unlatch mechanism                                               |
| 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 change-over switches / for auxiliary contacts | 0                    |

|                                                             |  |     |
|-------------------------------------------------------------|--|-----|
| <b>Product function / positive opening</b>                  |  | Yes |
| <b>Number of lampholders</b>                                |  | 0   |
| <b>Product component / fluorescent materials</b>            |  | No  |
| <b>Product extension / optional / fluorescent materials</b> |  | No  |

#### Accessories:

**Product component / holder for 3 switching elements**

No

#### General technical details:

**Type of voltage / of the operating voltage**

AC/DC

**Operating voltage**

- rated value

V

5 ... 400

**Operating current**

- 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

**Resistance against vibration / according to IEC 60068-2-6**

20 ... 200 Hz: 5g

**Operating cycles / maximum**

1/h

1,000

**Mechanical operating cycles as operating time / typical**

300,000

**Item designation**

|                                                                                                                                                                     |     |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------|
| <ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul> |     | S              |
|                                                                                                                                                                     |     | S              |
| <b>Tightening torque / of the screws in the bracket / maximum</b>                                                                                                   | N·m | 1              |
| <ul style="list-style-type: none"> <li>• during operating</li> <li>• during storage</li> </ul>                                                                      | °C  | -25 ... +70    |
|                                                                                                                                                                     | °C  | -40 ... +80    |
| <b>Protection class IP</b>                                                                                                                                          |     | IP67           |
| <b>B10 value / with high demand rate / according to SN 31920</b>                                                                                                    |     | 30,000         |
| <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 value) / 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>Type of mounting</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



CCC



CSA



GOST



UL

##### Test Certificates

[Special Test Certificate](#)

##### Shipping Approval



ABS



DNV



LRS



PRS



RINA

##### other

[Confirmation](#)

[other](#)

[Environmental Confirmations](#)

#### 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>

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**Cax online generator:**

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

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

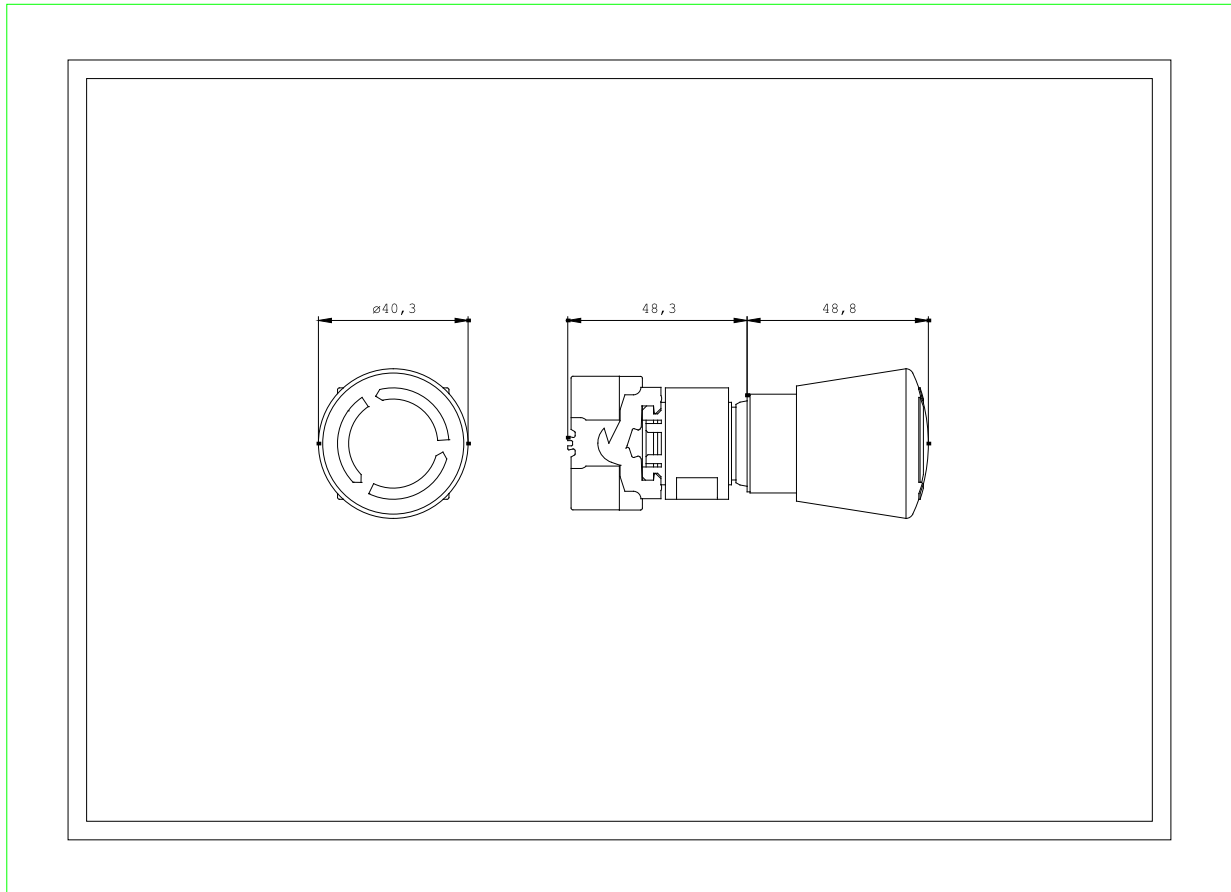
<http://support.automation.siemens.com/WW/view/en/3SB3603-1TA20/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3603-1TA20](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3603-1TA20)

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**last change:**

Jan 21, 2013