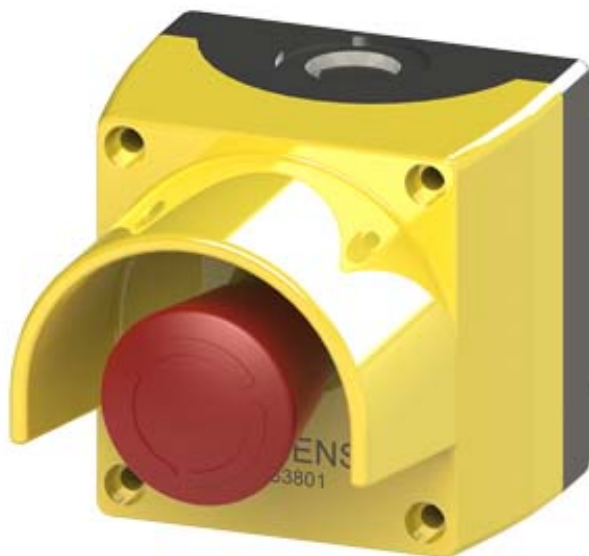




ENCLOSURE FOR 22MM PROGRAM METAL VERSION 1  
COMMAND POSITION YELLOW TOP PART WITH  
PROTECTIVE COLLAR A=EMER.-STOP40MM ROT.-TO-  
UNLAT. 1NC

### Enclosure:

|                                                |  |                                                                     |
|------------------------------------------------|--|---------------------------------------------------------------------|
| Design of the enclosure                        |  | Enclosure for command and signaling devices with standard equipment |
| Material / of the enclosure                    |  | metal                                                               |
| Color / of top part of the enclosure           |  | yellow                                                              |
| Number of Command Points                       |  | 1                                                                   |
| Product component / protective collar          |  | Yes                                                                 |
| Form / of the enclosure front                  |  | Square                                                              |
| Design of electrical connection / on enclosure |  | Cable routing above, below / left, right, each 1 x M20              |
| Type of mounting / of enclosure                |  | Vertical / horizontal                                               |
| Product function / EMERGENCY STOP function     |  | Yes                                                                 |

### Actuator / signaling device:

|                                                   |  |                                        |
|---------------------------------------------------|--|----------------------------------------|
| Design of the operating mechanism                 |  | Emergency stop mushroom pushbutton     |
| Assembling of the commanding and signaling device |  | A = Emergency stop mushroom pushbutton |
| Number of mushroom pushbuttons                    |  | 1                                      |
| Number of indicator lights                        |  | 0                                      |
| Number of pushbuttons                             |  | 0                                      |
| Number of key-operated switches                   |  | 0                                      |
| Material / of the activation element              |  | metal                                  |
| Product component / front ring                    |  | No                                     |

|                          |  |                             |
|--------------------------|--|-----------------------------|
| Type of unlocking device |  | rotate-to-unlatch mechanism |
|--------------------------|--|-----------------------------|

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

|                                                                              |  |                     |
|------------------------------------------------------------------------------|--|---------------------|
| Contact block / lampholder                                                   |  |                     |
| 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                   |
| Product function / positive opening                                          |  | Yes                 |
| Number of lampholders                                                        |  | 0                   |
| Type of fixing/fixation / for contact blocks                                 |  | Floor mounting      |
| Design of electrical connection / of contact blocks, socket, and accessories |  | Screw-type terminal |
| Product component / fluorescent materials                                    |  | No                  |
| Product extension / optional / fluorescent materials                         |  | No                  |

|                                                     |  |    |
|-----------------------------------------------------|--|----|
| Accessories:                                        |  |    |
| Number of backing plates                            |  | 0  |
| Number of labeling plates                           |  | 0  |
| Product component / holder for 3 switching elements |  | No |

|                                            |   |           |
|--------------------------------------------|---|-----------|
| General technical details:                 |   |           |
| Type of voltage / of the operating voltage |   | AC/DC     |
| Operating voltage                          |   |           |
| • for DC                                   |   |           |
| • rated value                              | V | 5 ... 230 |
| • 1 / for DC / rated value                 | V | 230       |
| • at 50 Hz / at AC                         |   |           |
| • rated value                              | V | 5 ... 400 |
| • 1 / at 50 Hz / for AC / rated value      | V | 400       |
| • at 60 Hz / at AC                         |   |           |
| • rated value                              | V | 5 ... 300 |
| • 1 / at 60 Hz / for AC / rated value      | V | 300       |
| 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        |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------|
| <ul style="list-style-type: none"> <li>• at AC-15 <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 48 V / rated value</li> <li>• at 110 V / rated value</li> <li>• at 230 V / rated value</li> <li>• at 400 V / rated value</li> </ul> </li> <li>• at DC-12 <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 48 V / rated value</li> <li>• at 110 V / rated value</li> <li>• at 230 V / rated value</li> </ul> </li> <li>• at DC-13 <ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 48 V / rated value</li> <li>• at 110 V / rated value</li> <li>• at 230 V / rated value</li> </ul> </li> </ul> | A        | 6                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 6                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 6                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 6                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 3                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 10                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 5                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 2.5                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 1                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 3                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 1.5                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 0.7                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A        | 0.3                        |
| <b>Delivery state / pre-wired on strip terminal</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          | No                         |
| <b>Product component / stand/pedestal</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          | No                         |
| <b>Resistance against shock</b> <ul style="list-style-type: none"> <li>• for devices without incandescent lamp / according to IEC 60068-2-27</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          | ≤ 50g                      |
| <b>Resistance against vibration / according to IEC 60068-2-6</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          | 20 ... 200 Hz: 5g          |
| <b>Item designation</b> <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<br>S                     |
| <b>Tightening torque / of the screws in the bracket / maximum</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N·m      | 1                          |
| <b>Ambient temperature</b> <ul style="list-style-type: none"> <li>• during operating</li> <li>• during storage</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | °C<br>°C | -25 ... +70<br>-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 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                        |

|                                  |    |       |
|----------------------------------|----|-------|
| Shape / of the installation hole |    | round |
| Mounting diameter                | mm | 22    |
| Width                            | mm | 85    |
| Height                           | mm | 85    |
| Depth                            | mm | 114   |

#### Certificates/approvals:

| General Product Approval | Declaration of Conformity | Test Certificates |
|--------------------------|---------------------------|-------------------|
|--------------------------|---------------------------|-------------------|



CSA



GOST



UL



EG-Konf.

[Special Test Certificate](#)

#### Shipping Approval



ABS



DNV



LRS



PRS

#### other

[Confirmation](#)

[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>

##### Cax online generator:

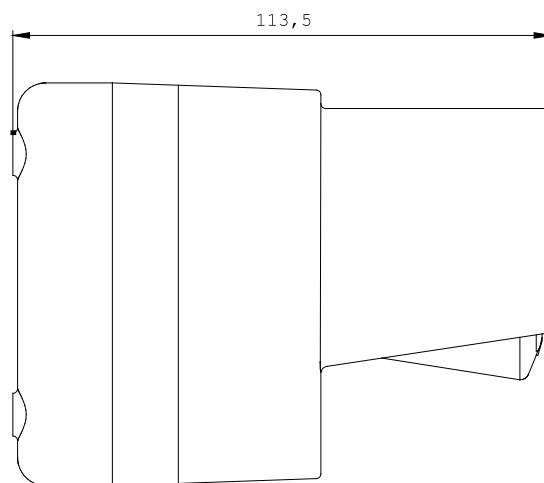
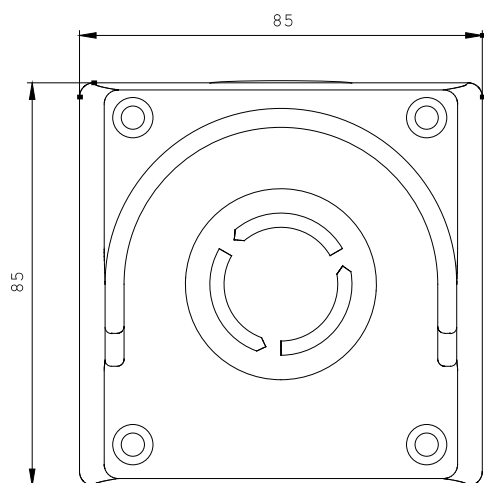
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3801-2DF3/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3801-2DF3](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3801-2DF3)



last change:

Feb 8, 2013