



ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL METAL, ENCLOSURE TOP PART GRAY, 1 COMMAND POSITION, A=PUSHBUTTON BLACK, 1NC, SCREW CONNECTION, FLOOR MOUNTING, LABEL: O, 1 X M20 EACH AT TOP AND BOTTOM

## 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           |  | grey                                                                |
| Number of Command Points                       |  | 1                                                                   |
| Product component / protective collar          |  | No                                                                  |
| Form / of the enclosure front                  |  | Square                                                              |
| Design of electrical connection / on enclosure |  | Cable routing above and below, both 1 x M20                         |
| Type of mounting / of enclosure                |  | Vertical                                                            |
| Product function / EMERGENCY STOP function     |  | No                                                                  |

## Actuator / signaling device:

|                                                   |  |                |
|---------------------------------------------------|--|----------------|
| Design of the operating mechanism                 |  | Pushbutton     |
| Assembling of the commanding and signaling device |  | A = Pushbutton |
| Number of mushroom pushbuttons                    |  | 0              |
| Number of indicator lights                        |  | 0              |
| Number of pushbuttons                             |  | 1              |
| Number of key-operated switches                   |  | 0              |
| Color / of the activation element                 |  | black          |
| Material / of the activation element              |  | metal          |

|                                |  |         |
|--------------------------------|--|---------|
| Product component / front ring |  | Yes     |
| Material / of the front ring   |  | metal   |
| Color / of the front ring      |  | silver  |
| Type of unlocking device       |  | without |

#### 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                           |  | 1     |
| Labeling / of the name plate for command devices    |  | O     |
| Color / of labeling plate                           |  | Black |
| 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                          |   |           |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------|
| <ul style="list-style-type: none"> <li>• at AC-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> <li>• at 400 V / rated value</li> </ul> </li> <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        | 10                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A        | 10                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A        | 10                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A        | 10                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A        | 10                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 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>climatic class / during the operating phase / according to EN 60721</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          | 3K6                        |
| <b>Shape / of the installation hole</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          | round                      |
| <b>Mounting diameter</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | mm       | 22                         |

|        |    |    |
|--------|----|----|
| Width  | mm | 85 |
| Height | mm | 85 |
| Depth  | mm | 65 |

#### Certificates/approvals:

| General Product Approval                                                                 |                                                                                           |                                                                                          | Declaration of Conformity                                                                     | Test Certificates                                                           |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <br>CSA | <br>GOST | <br>UL  | <br>EG-Konf. | <a href="#">Special Test Certificate</a>                                    |
| Shipping Approval                                                                        |                                                                                           |                                                                                          |                                                                                               | other                                                                       |
| <br>ABS | <br>DNV  | <br>LRS | <br>PRS      | <a href="#">Confirmation</a><br><a href="#">Environmental Confirmations</a> |

#### 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/3SB3801-2DE3/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3801-2DE3](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3801-2DE3)

last change:

Feb 8, 2013