



ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, ENCLOSURE TOP PART YELLOW, 1 COMMAND POINT, A=EMERGENCY STOP MUSHROOM PUSHBUTTON RED, 40MM, ROTATE-TO-UNLATCH, 1NC, 1NC, SCREW CONNECTION, FLOOR MOUNTING, 1 X M20 EACH AT TOP AND BOTTOM

| Enclosure | |
|---|---|
| Design of the housing | Enclosure for command and signaling devices with standard equipment |
| Shape of the enclosure front | Square |
| Material of the enclosure | plastic |
| Number of command points | 1 |
| Product component | |
| • protective collar | No |
| Color | |
| • of top part of the enclosure | yellow |
| Delivery state | |
| • as a kit | No |
| • pre-wired on strip terminal | No |
| Mounting type of the enclosure | Vertical |
| Actuator | |
| Design of the operating mechanism | Emergency stop mushroom pushbutton |
| Product feature | |
| • lockout | No |
| Product extension optional Light source | No |

| | |
|---|-----------------------------|
| Color | |
| • of the actuating element | Red |
| Material of the actuating element | plastic |
| Type of unlocking device | rotate-to-unlatch mechanism |
| Front ring | |
| Product component front ring | No |
| Holder | |
| Material of the holder | Plastic |
| Contact block/ lampholder | |
| Number of lampholders | 0 |
| Number of switching elements | 2 |
| General technical data | |
| Product function | |
| • positive opening | Yes |
| • EMERGENCY OFF function | Yes |
| • EMERGENCY STOP function | Yes |
| Product component | |
| • Light source | No |
| • Stand/pedestal | No |
| Type of voltage | |
| • of the operating voltage | AC/DC |
| Protection class IP | IP65 |
| Vibration resistance | |
| • acc. to IEC 60068-2-6 | 20 ... 200 Hz: 5g |
| Equipment marking | |
| • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | S |
| • acc. to DIN EN 61346-2 | S |
| • acc. to DIN EN 81346-2 | S |
| Operating voltage | |
| • at AC | |
| — at 50 Hz rated value | 5 ... 400 V |
| — at 60 Hz rated value | 5 ... 300 V |
| • at DC | |
| — rated value | 5 ... 230 V |
| Operating voltage 1 | |
| • at AC | |
| — at 50 Hz rated value | 400 V |
| — at 60 Hz rated value | 300 V |
| • at DC rated value | 230 V |

Auxiliary circuit

| | |
|-----------------------------------|-------|
| Number of NC contacts | |
| • for auxiliary contacts | 2 |
| Number of NO contacts | |
| • for auxiliary contacts | 0 |
| Number of CO contacts | |
| • for auxiliary contacts | 0 |
| Operating current at AC-12 | |
| • at 24 V rated value | 10 A |
| • at 48 V rated value | 10 A |
| • at 110 V rated value | 10 A |
| • at 230 V rated value | 10 A |
| • at 400 V rated value | 10 A |
| Operating current at AC-15 | |
| • at 24 V rated value | 6 A |
| • at 48 V rated value | 6 A |
| • at 110 V rated value | 6 A |
| • at 230 V rated value | 6 A |
| • at 400 V rated value | 3 A |
| Operating current at DC-12 | |
| • at 24 V rated value | 10 A |
| • at 48 V rated value | 5 A |
| • at 110 V rated value | 2.5 A |
| • at 230 V rated value | 1 A |
| Operating current at DC-13 | |
| • at 24 V rated value | 3 A |
| • at 48 V rated value | 1.5 A |
| • at 110 V rated value | 0.7 A |
| • at 230 V rated value | 0.3 A |

Connections/Terminals

| | |
|---|---|
| Type of electrical connection on enclosure | Cable routing above and below, both 1 x M20 |
| Tightening torque of the screws in the bracket | 1 ... 1.2 N·m |

Safety related data

| | |
|--|---------|
| B10 value | |
| • with high demand rate acc. to SN 31920 | 100 000 |
| Proportion of dangerous failures | |
| • with low demand rate acc. to SN 31920 | 20 % |
| • with high demand rate acc. to SN 31920 | 20 % |
| Failure rate [FIT] | |
| • with low demand rate acc. to SN 31920 | 100 FIT |

| | |
|--|------|
| T1 value for proof test interval or service life acc. to IEC 61508 | 20 y |
|--|------|

Ambient conditions

| | |
|--|---|
| Ambient temperature | |
| <ul style="list-style-type: none"> during operation during storage | <p>-25 ... +70 °C</p> <p>-40 ... +80 °C</p> |
| Environmental category during operation acc. to IEC 60721 | 3K6 |

Installation/ mounting/ dimensions

| | |
|--|----------------|
| Mounting type | |
| <ul style="list-style-type: none"> of contact blocks, socket, and accessories | Floor mounting |
| Height | 85 mm |
| Width | 85 mm |
| Depth | 64 mm |
| Shape of the installation opening | round |
| Mounting diameter | 22 mm |

Accessories

| | |
|---|----|
| Number of labels | 0 |
| Number of backing plates | 0 |
| Product component holder for 3 switching elements | No |

Certificates/approvals

| | | | |
|--------------------------|---------------------------|-------------------|-------------------|
| General Product Approval | Declaration of Conformity | Test Certificates | Marine / Shipping |
|--------------------------|---------------------------|-------------------|-------------------|



UL



EG-Konf.

[Special Test Certificate](#)



ABS



LRS

| | |
|-------------------|-------|
| Marine / Shipping | other |
|-------------------|-------|



PRS

[Confirmation](#)

[Environmental Confirmations](#)

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=3SB3801-0EG3>

Cax online generator

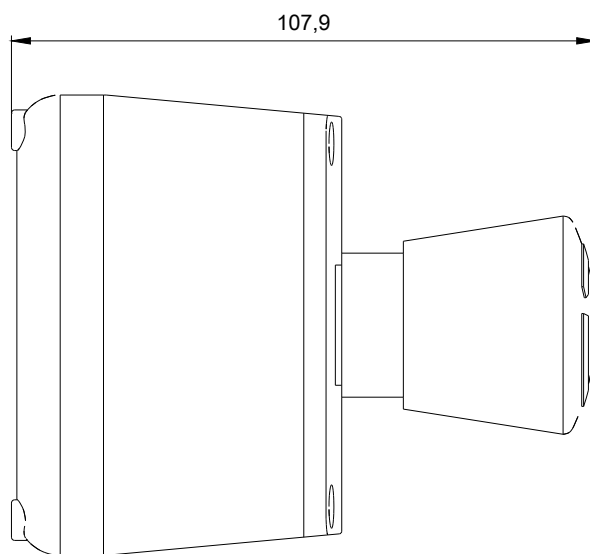
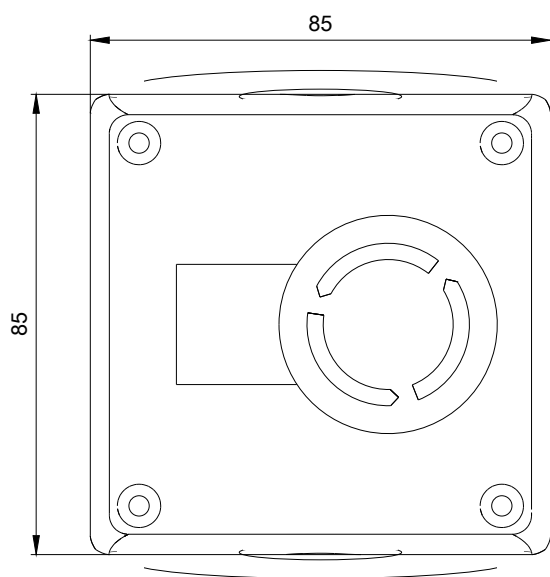
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3801-0EG3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3801-0EG3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3801-0EG3&lang=en



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