



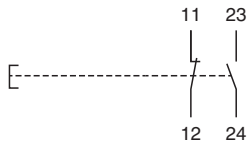
Control Unit Ex e, GRP, 2 Functions LCP2.PGMX.PRMX.B.1

- Pushbutton green - 1x NO / 1x NC - labeling 'I'
- Pushbutton red - 1x NO / 1x NC - labeling '0'
- Glass-fiber reinforced polyester (GRP) enclosure
- Ex de and Ex tb certified
- Top face stopping plug polyamide, 1x M20; bottom face cable gland polyamide, 1x M20
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66

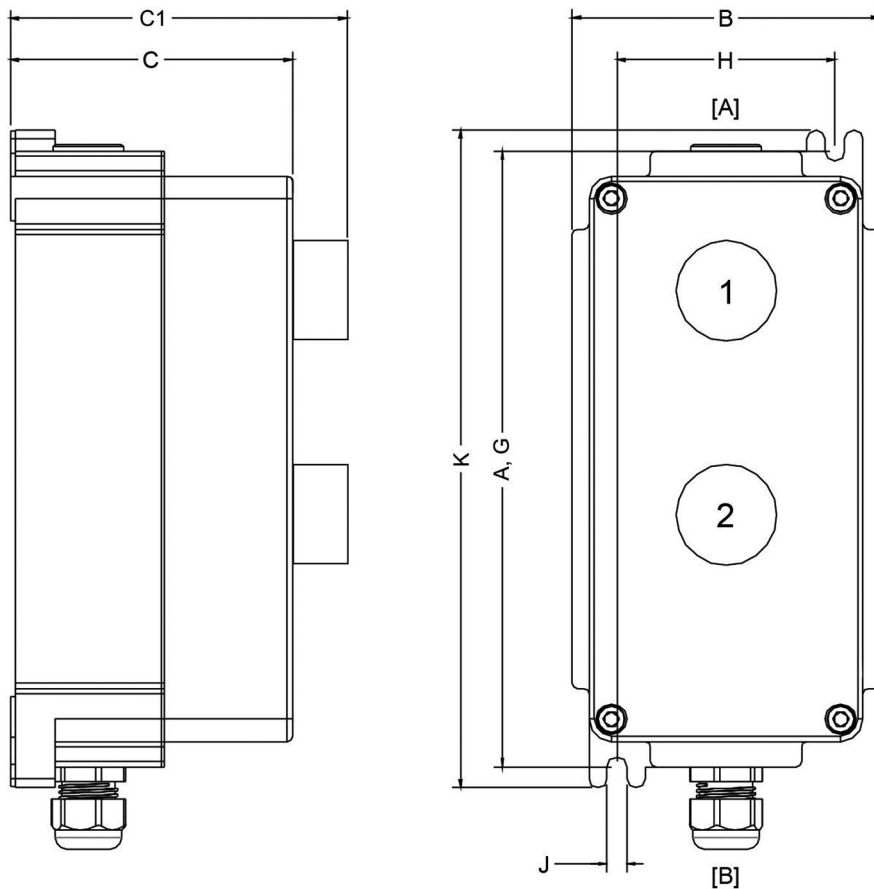


Connection

| | | |
|---|----|----|
| | 11 | 23 |
| 0 | X | |
| I | | X |
| | 12 | 24 |



Dimensions



Dimension values see data table.

Image and drawing are generic for this device type and may deviate from the specific variant.

| Legend | |
|-------------|---|
| A | Height |
| B | Width |
| C | Depth |
| C1 | Depth with operating element |
| G | Mounting holes distance, vertical |
| H | Mounting holes distance, horizontal |
| J | Mounting holes diameter |
| K | Maximum external dimension with mounting brackets |
| [A] ... [B] | Cable entry faces |

Technical Data

| Electrical specifications | |
|---------------------------|--|
| Operating voltage | 250 V max. |
| Operating current | 16 A max. |
| Terminal capacity | 2.5 mm ² |
| Function | push button |
| Color | green |
| Contact configuration | 1x NO / 1x NC all NC contacts have a direct opening action for emergency stop functions |

Release date: 2023-10-04 Date of issue: 2023-10-04 Filename: 265382_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0002
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
pa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

| | |
|--|--|
| Usage category | AC12 - 12 ... 250 V AC - 16 A AC15 - 12 ... 250 V AC - 10 A DC13 - 12 ... 110 V DC - 1 A DC13 - 12 ... 24 V DC - 1A |
| Number of poles | 2 |
| Labeling | I |
| Function 2 | push button |
| Color | red |
| Contact configuration | 1x NO / 1x NC all NC contacts have a direct opening action for emergency stop functions |
| Usage category | AC12 - 12 ... 250 V AC - 16 A AC15 - 12 ... 250 V AC - 10 A DC13 - 12 ... 110 V DC - 1 A DC13 - 12 ... 24 V DC - 1A |
| Number of poles | 2 |
| Labeling | O |
| Mechanical specifications | |
| Enclosure range | LCP |
| Enclosure cover | fully detachable |
| Cover fixing | stainless steel socket cap head screws |
| Screws | M6 |
| Number | 4 |
| Tightening torque | 2 Nm |
| Degree of protection | IP66 |
| Cable entry face A | |
| M20 quantity | 1 |
| M20 series | Stopping Plugs, Plastic |
| M20 type | SP.PE.M20.* |
| Cable entry face B | |
| M20 quantity | 1 |
| M20 series | Cable Glands, Plastic |
| M20 type | CG.PEDS1.M20.* |
| M20 clamping range | 6 ... 12 mm |
| Defined entry area | face A and face B |
| Material | |
| Enclosure | carbon loaded, antistatic glass-fiber reinforced polyester (GRP) |
| Finish | inherent color black |
| Seal | one piece closed cell silicone |
| Mass | 3 kg |
| Dimensions | |
| Height (A) | 220 mm |
| Width (B) | 110 mm |
| Depth (C) | 101 mm |
| External dimension with operating element (C1) | 116 mm |
| Mounting holes distance (G) | 220 mm |
| Mounting holes distance (H) | 78 mm |
| Mounting holes diameter (J) | 7 mm |
| Maximum external dimension (K) | 235 mm |
| Tightening torque | |
| Nut torque at enclosure (SW1) | see datasheets of cable glands |
| Grounding | 2.5 mm ² grounding terminal |
| Ambient conditions | |
| Ambient temperature | -40 ... 55 °C (-40 ... 131 °F) @ T4 -40 ... 40 °C (-40 ... 104 °F) @ T6 |
| Data for application in connection with hazardous areas | |

Release date: 2023-10-04 Date of issue: 2023-10-04 Filename: 265382_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.comUSA: +1 330 486 0002
pa-info@us.pepperl-fuchs.comGermany: +49 621 776 2222
pa-info@de.pepperl-fuchs.comSingapore: +65 6779 9091
pa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

| | |
|---------------------------------|--|
| EU-type examination certificate | CML 16 ATEX 3009X |
| Marking | Ⓜ II 2 GD Ex db eb mb IIC T* Gb Ex tb IIIC T** °C Db T6/T80 °C @ Ta +40 °C T4/T130 °C @ Ta +55 °C |
| International approvals | |
| IECEX approval | IECEX CML 16.0008X |
| UKCA approval | CML 22 UKEX 2550X |
| Further approvals | on request: CCC, ECAS, IA |
| Conformity | |
| Degree of protection | EN 60529 |
| Usage category | IEC / EN 60947 |
| CE marking | 0080 or 0102, see type label |
| General information | |
| Supplementary information | EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com . |
| Accessories | |
| Optional accessories | engraved traffolyte tag label engraved AISI 316L stainless steel tag label color in-fill stainless steel tag label |