

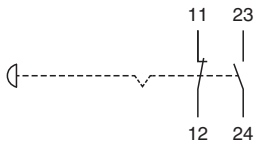
# Control Unit Ex e, Polyamide, Emergency Stop

## LRP1.D.JRMX.E.1

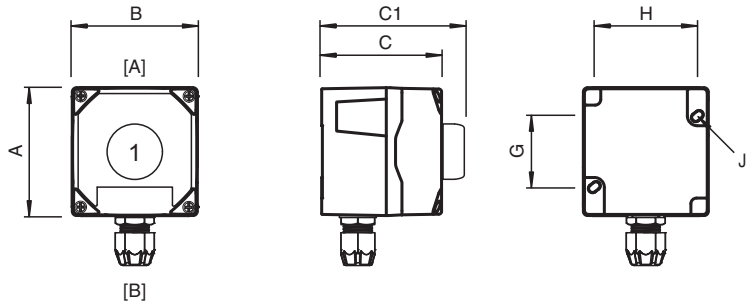
- Key-release emergency mushroom button, red - 1x NO / 1x NC
- Polyamide (PA) enclosure
- Ex db eb and Ex tb certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Top face stopping plug polyamide, 1x M20; bottom face cable gland polyamide, 1x M20

## 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.

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## Technical Data

| | |
|---|---|
| **Electrical specifications** | |
| Operating voltage | 250 V max. |
| Operating current | 13 A max. |
| Terminal capacity | 2.5 mm² |
| Terminal torque | 0.8 Nm |
| Function | mushroom button |
| Color | red |
| Contact configuration | 1x NO / 1x NC<br>all NC contacts have a direct opening action for emergency stop functions |
| Usage category | AC12 - 12 … 250 V AC - 13 A<br>AC15 - 12 … 250 V AC - 10 A<br>DC13 - 12 … 110 V DC - 1 A |
| Number of poles | 2 |
| Operator action | latching , key release |
| Labeling | none as standard |
| **Mechanical specifications** | |
| Enclosure range | LRP |
| Enclosure cover | fully detachable |
| Cover fixing | |
| Screws | M4 stainless steel combination Phillips and slotted screw |
| Number | 4 |
| Tightening torque | 1.5 Nm |
| Degree of protection | IP66 |
| Cable entry | thru-holes |
| Cable entry face A | |
| M20 quantity | 1 |
| M20 series | Stopping Plug |
| 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 | Polyamide (PA) |
| Finish | inherent color black |
| Seal | one piece closed cell silicone |
| Mass | approx. 0.49 kg |
| Dimensions | |
| External dimension (A) | 90 mm |
| External dimension (B) | 88 mm |
| External dimension (C) | 85 mm |
| External dimension with operating element (C1) | 125.35 mm |
| Mounting holes distance (G) | 50 mm |
| Mounting holes distance (H) | 72.5 mm |
| Mounting holes diameter (J) | 5.6 mm |
| Tightening torque | |
| Nut torque at enclosure (SW1) | see datasheets of cable glands |
| Mounting | 2 screws |
| Grounding | 2x 2.5mm² grounding terminal |
| **Ambient conditions** | |
| Ambient temperature | -40 ... 55 °C (-40 ... 131 °F) @ T4<br>-40 ... 40 °C (-40 ... 104 °F) @ T6 |

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## Technical Data

| | |
|---|---|
| **Data for application in connection with hazardous areas** | |
| EU-type examination certificate | CML 16 ATEX 3009X |
| Marking | ⟨Ex⟩ II 2 GD<br>Ex db eb IIC T* Gb<br>Ex tb IIIC T** °C Db<br>T4/T130 °C @ Ta +55 °C<br>( T6/T80 °C @ Ta +40 °C on request ) |
| **International approvals** | |
| IECEx approval | IECEx CML 16.0008X |
| UKCA approval | CML 22 UKEX 2550X |
| Further approvals | further on request |
| **Conformity** | |
| Degree of protection | EN60529 |
| Usage category | IEC / EN 60947 |
| CE marking | 0080 or 0102, see type label |
| **General information** | |
| Ordering information | This device will be delivered completely configured and assembled ready for use. For configuration details please contact Customer Service. |
| 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<br>engraved AISI 316L stainless steel tag label<br>color in-fill stainless steel tag label |

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