

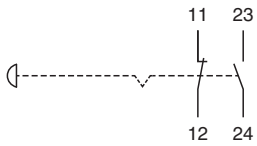
Control Unit Ex e, Polyamide, Emergency Stop

LRP1.D.E4MX.C.1

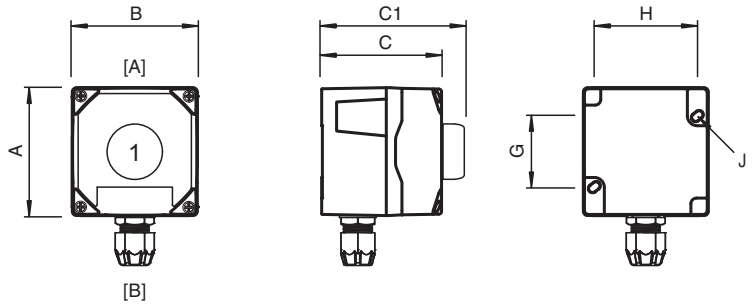
- Emergency stop mushroom button 40 mm, red, twist-to-release - 1x NO / 1x NC
- Polyamide (PA) enclosure
- Ex db eb and Ex tb certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Bottom face cable gland polyamide, 1x M25

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.

Release date: 2023-09-21 Date of issue: 2023-09-21 Filename: 70155288_eng.pdf

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 all NC contacts have a direct opening action for emergency stop functions
Usage category	AC12 - 12 … 250 V AC - 13 A AC15 - 12 … 250 V AC - 10 A DC13 - 12 … 110 V DC - 1 A
Number of poles	2
Operator action	latching , twist to 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 B	
M25 quantity	1
M25 series	Cable Glands, Plastic
M25 type	CG.PEDS1.M25.*
M25 clamping range	9 ... 17 mm
Defined entry area	face B
Material	
Enclosure	Polyamide (PA)
Finish	inherent color black
Seal	one piece closed cell silicone
Mass	approx. 0.46 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 -40 ... 40 °C (-40 ... 104 °F) @ T6
Data for application in connection with hazardous areas	
EU-type examination certificate	CML 16 ATEX 3009X

Release date: 2023-09-21 Date of issue: 2023-09-21 Filename: 70155288_eng.pdf

Technical Data

Marking		Ⓔx II 2 GD Ex db eb IIC T* Gb Ex tb IIIC T** °C Db T4/T130 °C @ Ta +55 °C (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 engraved AISI 316L stainless steel tag label color in-fill stainless steel tag label

Release date: 2023-09-21 Date of issue: 2023-09-21 Filename: 70155288_eng.pdf