



Control Unit Ex e, Stainless Steel, 2 Functions

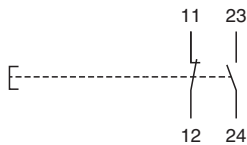
LRS2.D.PGMX.E4MX.B.1

- Pushbutton green - 1x NO / 1x NC - labeling 'I'
- Emergency stop mushroom button 40 mm, red, twist-to-release - 1x NO / 1x NC
- Stainless Steel AISI 316L
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Ex db eb and Ex tb certified
- Pushbutton with interchangeable inserts
- Bottom face cable gland polyamide, 1x M20
- Wide range of accessories available

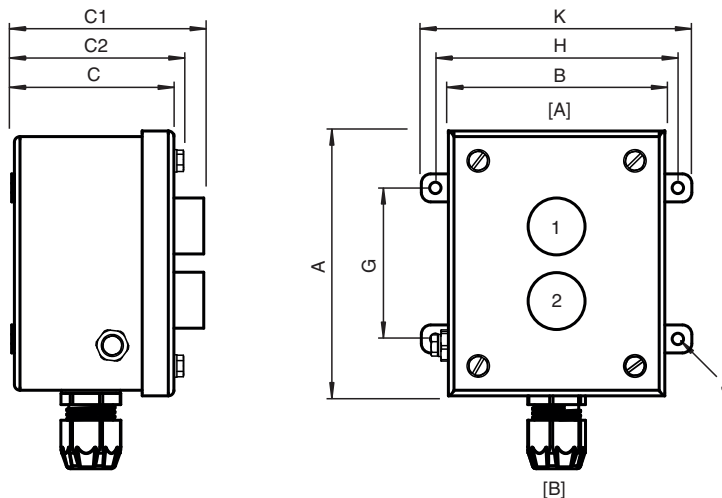


Connection

	11	23
0	X	
I		X
	12	24



Dimensions



Dimensions

Dimension values see data table.

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

Technical Data

Electrical specifications		
Operating voltage		250 V max.
Operating current		13 A max.
Terminal capacity		2.5 mm ²
Terminal torque		0.8 Nm
Function		push button
Color		green
Contact configuration		1x NO / 1x NC
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		spring return
Labeling		I
Note		spare pushbutton inserts included: red '0', red 'STOP', red 'OFF', green 'I', green 'START', green 'ON'
Function 2		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
Mechanical specifications		
Enclosure range		SR
Enclosure cover		fully detachable
Cover fixing		stainless steel A4 (V4A) hexagonal head screws
Screws		M6
Number		4
Tightening torque		3 Nm - 3.5 Nm
Degree of protection		IP66
Cable entry		thru-holes direct through body
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 B
Material		
Enclosure		1.5 mm AISI 316L, (1.4404) stainless steel
Finish		brushed
Seal		one piece closed cell silicone
Mass		approx. 1 kg
Dimensions		
External dimension (A)		142 mm
External dimension (B)		116 mm
External dimension (C)		87 mm

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

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Technical Data

External dimension with operating element (C1)	129 mm
External dimension with screws (C2)	92 mm
Mounting holes distance (G)	81 mm
Mounting holes distance (H)	130 mm
Mounting holes diameter (J)	6.1 mm
Thickness of mounting brackets (N)	1.5 mm
Maximum external dimension (K)	145 mm
Tightening torque	
Nut torque at enclosure (SW1)	see datasheets of cable glands
Mounting	4 screws
Grounding	M6 internal/external brass nickel-plated grounding bolt
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
Marking	Ex 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 M6 internal/external stainless steel grounding bolt