

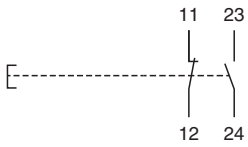
Control Unit Ex e, Stainless Steel, 4 Functions

LRS4.D.LRLX.PGMX.PRMX.E4MX.C.1

- LED indicator, red
- Pushbutton green - 1x NO / 1x NC - labeling 'I'
- Pushbutton red - 1x NO / 1x NC - labeling '0'
- 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 M25
- Wide range of accessories available

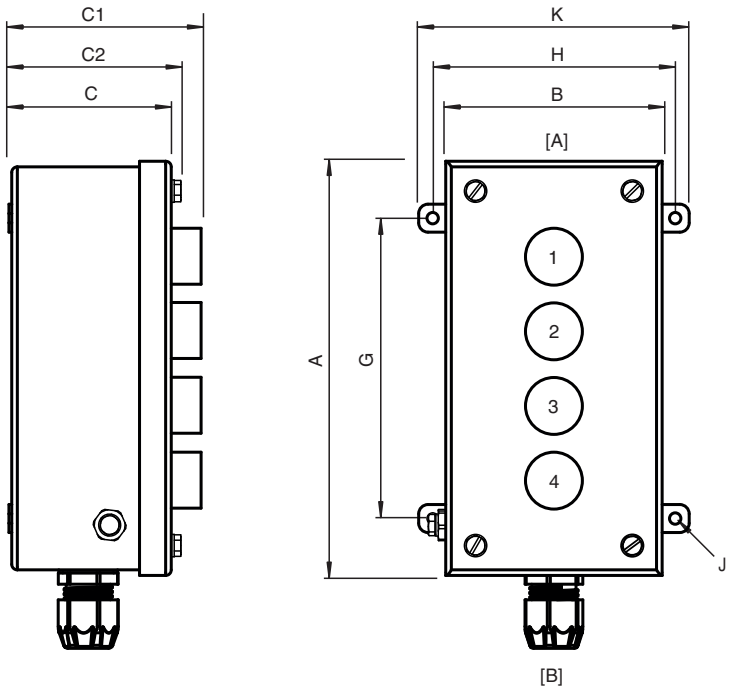
Connection

	11	23
0	X	
I		X
	12	24



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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		6 A max.
Terminal capacity		2.5 mm²
Terminal torque		0.8 Nm
Function		LED
Color		red
Rated operating voltage		30 ... 250 V AC / 20 ... 24 V DC
Labeling		
Function 2		push button
Color		green
Contact configuration		1x NO / 1x NC
Usage category		AC12 - 12 … 250 V AC - 6 A AC15 - 12 … 250 V AC - 6 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 3		push button
Color		red
Contact configuration		1x NO / 1x NC
Usage category		AC12 - 12 … 250 V AC - 6 A AC15 - 12 … 250 V AC - 6 A DC13 - 12 … 110 V DC - 1 A
Number of poles		2
Operator action		spring return

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Technical Data

Labeling		O
Function 4		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 - 6 A AC15 - 12 … 250 V AC - 6 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		
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		1.5 mm AISI 316L, (1.4404) stainless steel
Finish		brushed
Seal		one piece closed cell silicone
Mass		approx. 1.5 kg
Dimensions		
External dimension (A)		222 mm
External dimension (B)		116 mm
External dimension (C)		87 mm
External dimension with operating element (C1)		129 mm
External dimension with screws (C2)		92 mm
Mounting holes distance (G)		161 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		Ⓔ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)

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Technical Data

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

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