



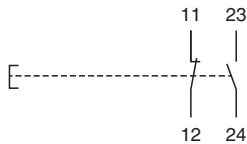
Control Unit Ex e, GRP, 4 Functions LCP4.LRLX.PGMX.PRMX.ERMX.B.1

- LED indicator, red
- Pushbutton green - 1x NO / 1x NC - labeling 'I'
- Pushbutton red - 1x NO / 1x NC - labeling '0'
- Emergency stop mushroom button, red - 1x NO / 1x NC - labeling 'EMERGENCY STOP / NOT HALT'
- Top face stopping plug polyamide, 1x M20; bottom face cable gland polyamide, 1x M20
- Ex de and Ex tb certified
- Glass fiber reinforced polyester (GRP) enclosure
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66

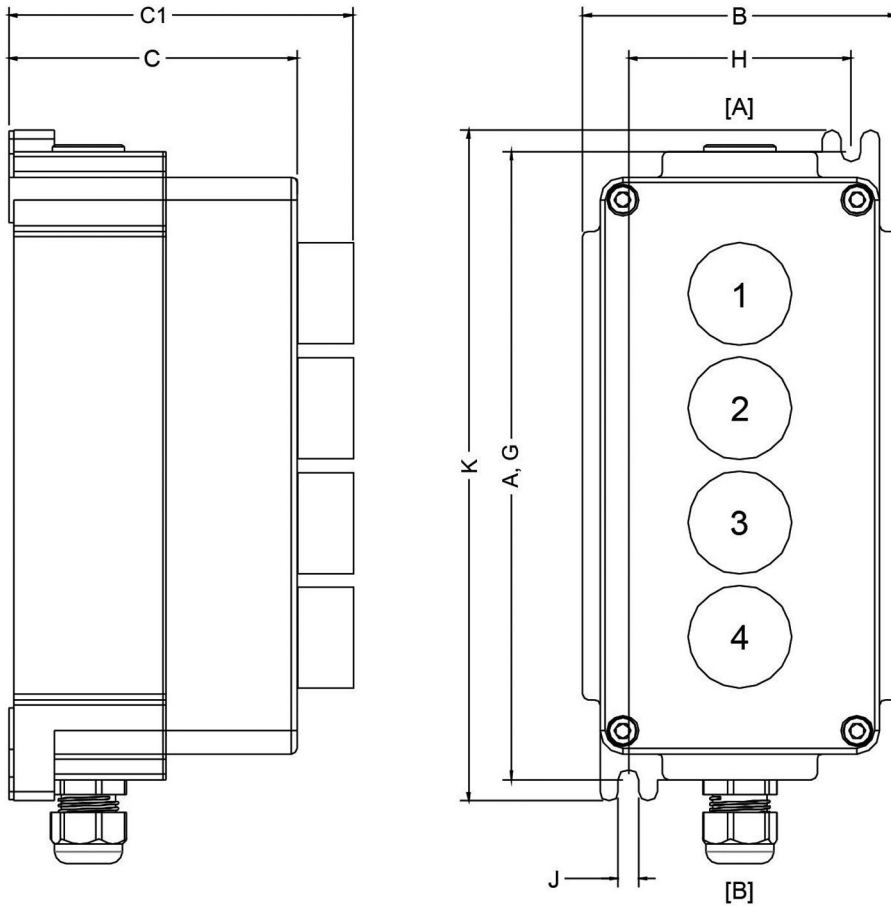


Wiring Diagram

	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	LED indicator
Color	red
Rated operating voltage	20 ... 250 V AC
Function 2	pushbutton

Release date: 2020-11-26 Date of issue: 2020-11-26 Filename: 265392_eng.pdf

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

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Technical Data

Color	green
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	I
Function 3	pushbutton
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
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 - 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
Operator action	latching , pull to release
Labeling	EMERGENCY STOP / NOT HALT
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.PEDS.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	4 kg
Dimensions	
Height (A)	220 mm
Width (B)	110 mm
Depth (C)	101 mm

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Technical Data

External dimension with operating element (C1)	142 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	
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
EAC approval	RU C-DE.BH02.B.00016/18
IA approval	MASC S/18-0003X
CCC approval	2020322304002545
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