



Switch Disconnecter Ex e 25 A 4 Pole, GRP Enclosure

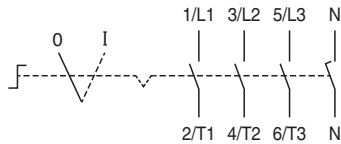
DIS.P.025.3PN.GR

- Switch disconnecter, 2 position with left OFF - 4x NO
- Labeling '0 - I'
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Carbon loaded, antistatic glass-fiber reinforced polyester
- Bottom face cable glands polyamide, 2x M25 1x M20
- Ex db eb and Ex tb certified
- Padlockable switch
- Degree of protection: IP 65

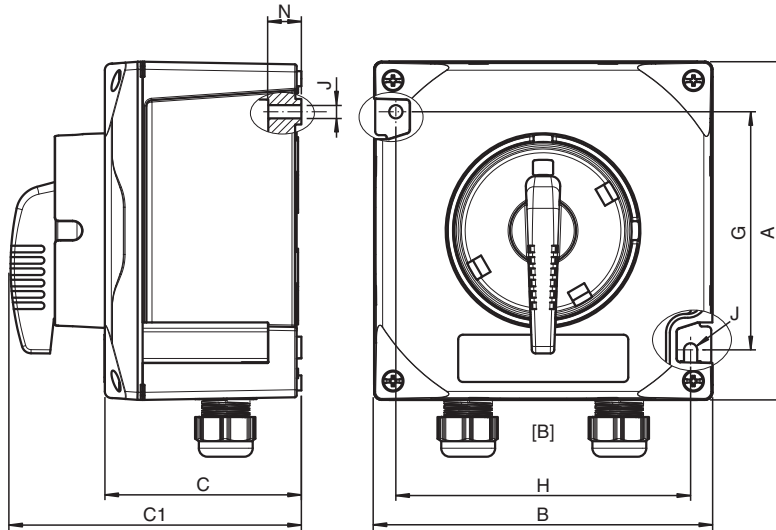


Connection

	1/L1	3/L2	5/L3	N
0				
I	X	X	X	X
	2/T1	4/T2	6/T3	N



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
N	Thickness of mounting brackets
[B]	Cable entry face

Technical Data

Electrical specifications		
Operating voltage		690 V max.
Rated impulse withstand voltage		6 kV
Rated frequency		50/60 Hz
Short circuit current limitation		recommended: 35 A, gG
Operating current		25 A max.
Terminal capacity		
Main terminals capacity		2x 1.5 ... 4 mm ²
Main terminals torque		2 Nm
Grounding terminals capacity		2x 1.5 ... 4 mm ²
Grounding terminals torque		2 Nm
Rated insulation voltage		800 V
Function		switch disconnecter
Color		black
Contact configuration		4x NO

Release date: 2023-10-19 Date of issue: 2023-10-19 Filename: 70101159_eng.pdf

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

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Technical Data

Switching configuration	2 position with left OFF
Usage category	AC23: 690 V AC - 16 A / 500 V AC - 20 A / 400 V AC - 25 A AC3: 690 V AC - 16 A / 500 V AC - 20 A / 400 V AC - 25 A
Number of poles	4
Operator action	engage - engage
Lockable	in 'OFF' position threefold padlockable
Labeling	0 - I
Mechanical specifications	
Enclosure range	GR
Enclosure cover	fully detachable
Cover fixing	
Screws	M6 stainless steel combination Phillips and slotted screw
Number	4
Tightening torque	3.5 Nm
Cover seal	foamed silicone
Degree of protection	IP65
Cable entry face B	
M20 quantity	1
M20 series	Cable Glands, Plastic
M20 type	CG.PEDS1.M20.*
M20 clamping range	6 ... 12 mm
M25 quantity	2
M25 series	Cable Glands, Plastic
M25 type	CG.PEDS1.M25.*
M25 clamping range	9 ... 17 mm
Defined entry area	face B
Material	
Enclosure	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	2.2 kg
Dimensions	
Height (A)	179 mm
Width (B)	179 mm
Depth (C)	104 mm
External dimension with operating element (C1)	154 mm
Mounting holes distance (G)	126 mm
Mounting holes distance (H)	156 mm
Mounting holes diameter (J)	7 mm
Thickness of mounting brackets (N)	18 mm
Tightening torque	
Nut torque at enclosure (SW1)	see datasheets of cable glands
Mounting	2 screws
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F) @ T4
Data for application in connection with hazardous areas	
EU-type examination certificate	CML 16 ATEX 3009X
Marking	Ⓔ II 2 GD Ex db eb IIC T* Gb Ex tb IIIC T** °C Db T4/T130 °C @ Ta +55 °C
International approvals	
IECEx approval	IECEx CML 16.0008X
UKCA approval	CML 22 UKEX 2550X
Further approvals	further on request

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Technical Data

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 .
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