

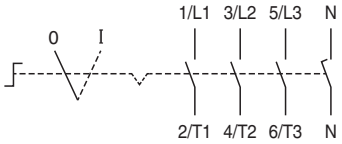
Switch Disconnector Ex e 16 A 3 Pole, GRP Enclosure

DIS.P.016.3PN.GR

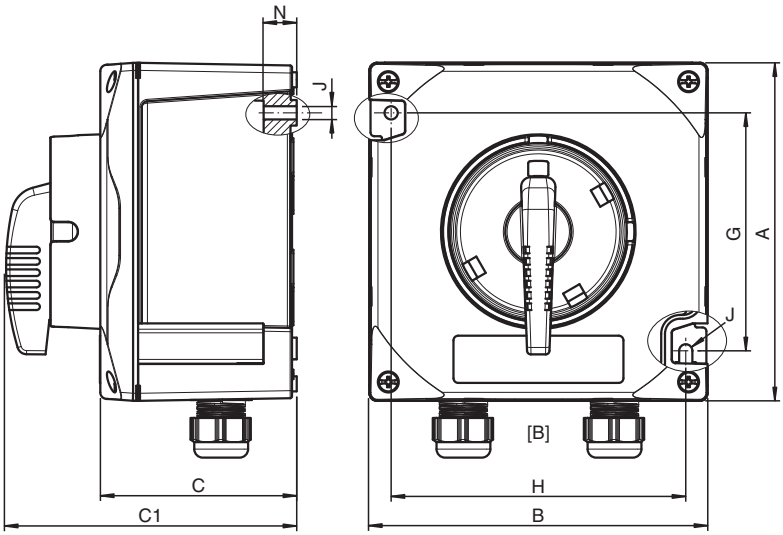
- Switch disconnector, 2 position with left OFF - 4x NO
- Labeling '0 - I'
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Carbon loaded, antistatic glass-fiber reinforced polyester
- Bottom face cable glands polyamide, 2x M25 1x M20
- Ex db eb and Ex tb certified
- Padlockable switch
- Degree of protection: IP 66

Connection

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



Dimensions



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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	400 V max.
Rated impulse withstand voltage	6 kV
Rated frequency	50/60 Hz
Short circuit current limitation	recommended: 16 A, gG
Operating current	16 A max.
Terminal capacity	
Main terminals capacity	2x 1.5 ... 2.5 mm^2
Main terminals torque	0.8 Nm
Rated insulation voltage	1800 V
Function	switch disconnector
Color	black
Contact configuration	4x NO
Switching configuration	2 position with left OFF
Usage category	AC3: 400 V AC - 16 A AC23: 400 V AC - 16 A AC12: 400 V AC - 16 A AC15: 400 V AC - 10 A DC13: 110 V DC - 1 A
Number of poles	4
Operator action	engage - engage
Lockable	in 'OFF' position
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	1.5 Nm
Cover seal	foamed silicone
Degree of protection	IP65
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
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	
External dimension (A)	129 mm
External dimension (B)	129 mm

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Technical Data

External dimension (C)		85 mm
External dimension with operating element (C1)		136 mm
Mounting holes distance (G)		96 mm
Mounting holes distance (H)		114 mm
Mounting holes diameter (J)		5 mm
Thickness of mounting brackets (N)		13 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		Ⓔx 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
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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