



Switch Disconnecter Ex e 25 A 6 Pole, Stainless Steel Enclosure

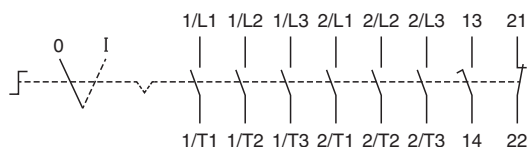
DIS.S.025.6P.1NO.1NC

- Switch disconnecter, 2 position with left OFF - 6x NO
- Labeling '0 - I'
- Auxiliary contacts - 1x NO / 1x NC
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Stainless Steel enclosure
- Bottom face cable glands metal, 4x M25 1x M20
- Ex db eb and Ex tb certified
- Padlockable switch
- Degree of protection: IP 65

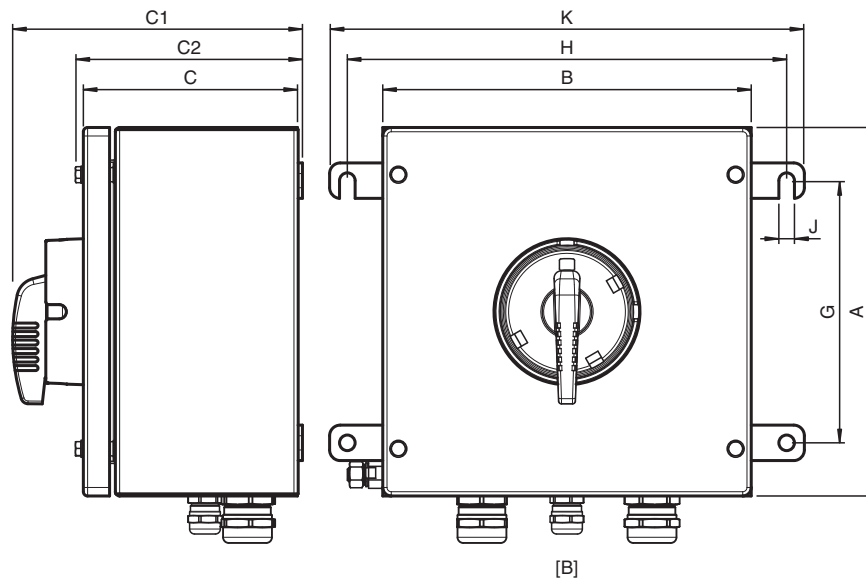


Connection

	1/L1	1/L2	1/L3	2/L1	2/L2	2/L3	13	21
0								
I	X	X	X	X	X	X	X	X
	1/T1	1/T2	1/T3	2/T1	2/T2	2/T3	14	22



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
C2	Depth with screws
G	Mounting holes distance, vertical
H	Mounting holes distance, horizontal
J	Mounting holes diameter
K	Maximum external dimension with 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

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

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Technical Data

Contact configuration	6x NO
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	6
Auxiliary contacts	1x NO delayed, advanced opening / 1x NC
Auxiliary contacts usage category	AC11: 500 V AC - 20 A
Operator action	engage - engage
Lockable	in 'OFF' position threefold padlockable
Labeling	0 - I
Mechanical specifications	
Enclosure range	XL
Enclosure cover	fully detachable
Cover fixing	stainless steel A4 (V4A) hexagonal head screws
Screws	M6
Number	4
Tightening torque	2 Nm
Cover seal	one piece closed cell silicone
Degree of protection	IP65
Cable entry face B	
M20 quantity	1
M20 series	Cable Glands, Metal, for non-armored Cables
M20 type	CG.NA.M20S.*
M20 clamping range	4 ... 12 mm
M25 quantity	4
M25 series	Cable Glands, Metal, for non-armored Cables
M25 type	CG.NA.M25S.*
M25 clamping range	10 ... 18 mm
Defined entry area	face B
Material	
Enclosure	1.5 mm AISI 316L, (1.4404) stainless steel
Finish	brushed
Mass	4.9 kg
Dimensions	
Height (A)	260 mm
Width (B)	260 mm
Depth (C)	150 mm
External dimension with operating element (C1)	205 mm
External dimension with screws (C2)	160 mm
Mounting holes distance (G)	185 mm
Mounting holes distance (H)	310 mm
Mounting holes diameter (J)	11 mm
Maximum external dimension (K)	335 mm
Tightening torque	
Nut torque at enclosure (SW1)	see datasheets of cable glands
Grounding	M10 internal/external brass grounding bolt M6 internal stainless steel grounding bolt welded to lid M6 internal stainless steel grounding bolt welded to enclosure body
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

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Technical Data

Marking		Ex 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 .