

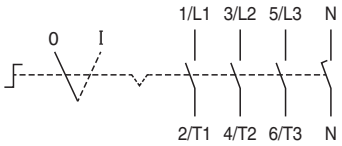
Switch Disconnector Ex e 25 A 3 Pole, Stainless Steel Enclosure

DIS.S.025.3PN.SR

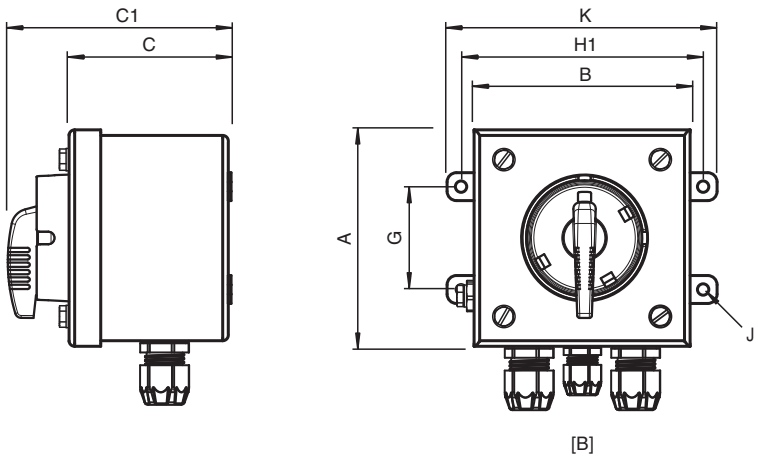
- Switch disconnector, 2 position with left OFF - 3x NO
- Labeling '0 - I'
- Padlockable in three positions
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Stainless Steel AISI 316L
- Bottom face cable glands polyamide, 2x M25 1x M20
- Ex db eb and Ex tb certified
- Degree of protection: IP 66
- Return Flange Sealing provides Drain Channel

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.

Release date: 2026-06-25 Date of issue: 2026-06-25 Filename: 70143986_eng.pdf

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 disconnector
Color	black
Contact configuration	3x 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	4
Operator action	engage - engage
Lockable	in 'OFF' position threefold padlockable
Labeling	0 - I
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
Cover seal	silicone
Degree of protection	IP66
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.M25L.*
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	approx. 2.5 kg
Dimensions	
External dimension (A)	156 mm
External dimension (B)	156 mm
External dimension (C)	94 mm
External dimension with operating element (C1)	144 mm
Mounting holes distance (G)	95 mm
Mounting holes distance (H1)	170 mm

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Mounting holes diameter (J)		6.1 mm
Thickness of mounting brackets (N)		1.5 mm
Maximum external dimension (K)		185 mm
Tightening torque		
Nut torque at enclosure (SW1)		see datasheets of cable glands
Mounting		4 screws , fixed mounting brackets
Grounding		M6 internal/external brass nickel-plated grounding bolt
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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