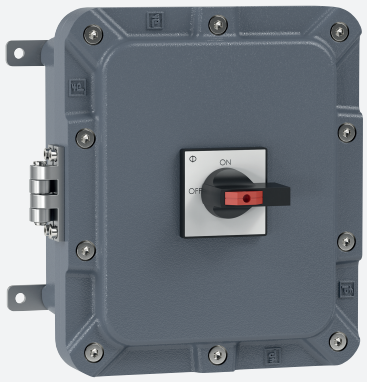
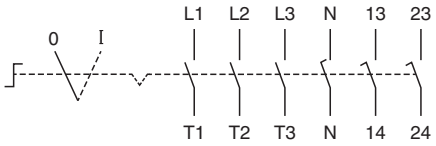


Switch Disconnector Ex d IIB 100 A 4 Pole, Aluminum Enclosure

EJB4A.D.PS.DIS.100.3PN.2NO

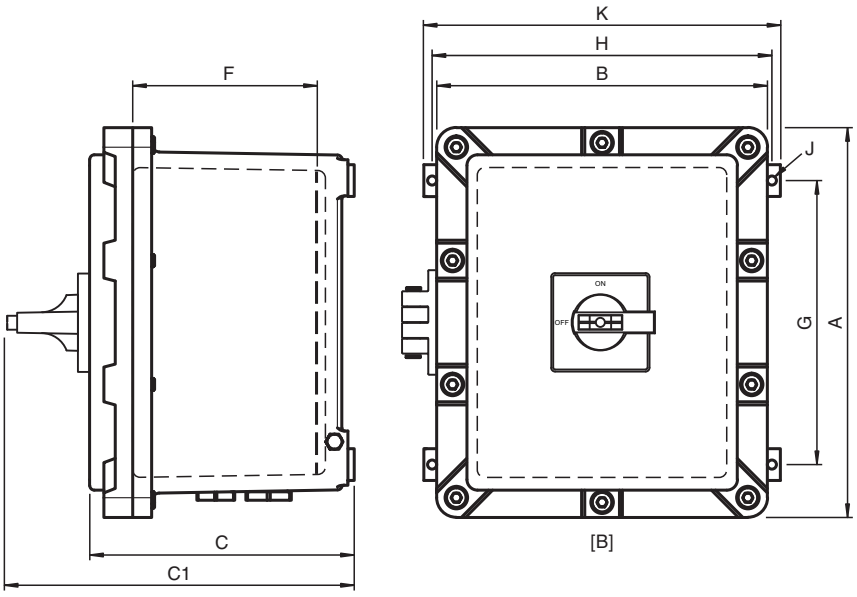
- Switch disconnector, 2 position with left OFF - 4x NO
- Labeling '0 - I'
- Auxiliary contacts - 2x NO
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Aluminum enclosure
- Ex d and Ex tb certified
- Padlockable switch
- Degree of protection IP66

Wiring Diagram



	L1	L2	L3	N	13	23
0						
I	X	X	X	X	X	X
	T1	T2	T3	N	14	24

Dimensions



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Product Versions

Dimension values see data table.
Real values might differ slightly due to manufacturing tolerances.
Dimensions are valid for standard enclosures and IP66 variants only.
Image and drawing are generic for this device type and may deviate from the specific variant.

Technical Data

Electrical specifications		
Operating voltage		690 V max.
Rated impulse withstand voltage		6 kV
Rated frequency		50Hz
Short circuit current limitation		recommended: 100 A, gG
Operating current		100 A max.
Terminal capacity		
Main terminals capacity		2x 1 mm^2 ... 50 mm^2
Main terminals torque		3 Nm
Grounding terminals capacity		2x 2.5 mm^2 ... 35 mm^2
Grounding terminals torque		5 Nm min.
Rated insulation voltage		690 V
Function		switch disconnector
Color		black
Contact configuration		4x NO
Switching configuration		2 position with left OFF
Usage category		AC23: 690 V AC - 100 A AC3: 690 V AC - 100 A
Number of poles		4
Auxiliary contacts		2x NO delayed, advanced opening
Auxiliary contacts usage category		AC15: 500 V AC - 1.5 A / 440 V AC - 3.0 A / 240 V AC - 6.0 A
Operator action		engage - engage
Lockable		in 'OFF' position
Labeling		0 - I
Mechanical specifications		
Enclosure range		EJB
Enclosure cover		fully detachable
Cover fixing		stainless steel socket cap head screws
Screws		M8
Number		10
Tightening torque		20 Nm
Yield stress		min. 450 N/mm^2
Degree of protection		IP66
Cable entry face B		
M20 quantity		1
M20 series		Stopping Plugs, Metal, Hexagon Head
M20 type		SP.MD.M20.BN.*
M40 quantity		2
M40 series		Stopping Plugs, Metal, Hexagon Head
M40 type		SP.MD.M40.BN.*
Defined entry area		face B
Material		
Enclosure		aluminum alloy
Finish		epoxy coated RAL 7005 (grey)
Mass		approx. 18.5 kg
Dimensions		values might differ slightly due to casting and manufacturing tolerances
External dimension (A)		265 mm
External dimension (B)		225 mm

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Technical Data

External dimension (C)	180 mm
External dimension with operating element (C1)	234.9 mm
Mounting holes distance (G)	188 mm
Mounting holes distance (H)	206 mm
Mounting holes diameter (J)	8 mm
Maximum external dimension (K)	248 mm
Tightening torque	
Nut torque at enclosure (SW1)	see datasheets of stopping plugs
Grounding	M6 external grounding points
Ambient conditions	
Ambient temperature	-20 ... 50 °C (-4 ... 122 °F) @ T6
Data for application in connection with hazardous areas	
EU-type examination certificate	INERIS 14 ATEX 0022X
Marking	⟨Ex⟩ II 2 GD Ex d IIB+H_2 T* Gb Ex tb IIIC Db
International approvals	
IECEx approval	IECEx INE 14.0029X
UKCA approval	CML 21 UKEX 1424X
Further approvals	further on request
Conformity	
Degree of protection	EN60529
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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