

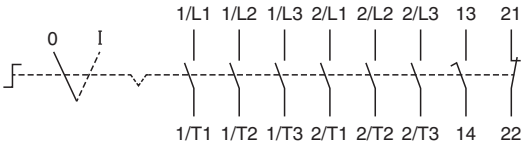
Switch Disconnector Ex e 40 A 6 Pole, GRP Enclosure

DIS.P.040.6P.1NO.1NC.GR

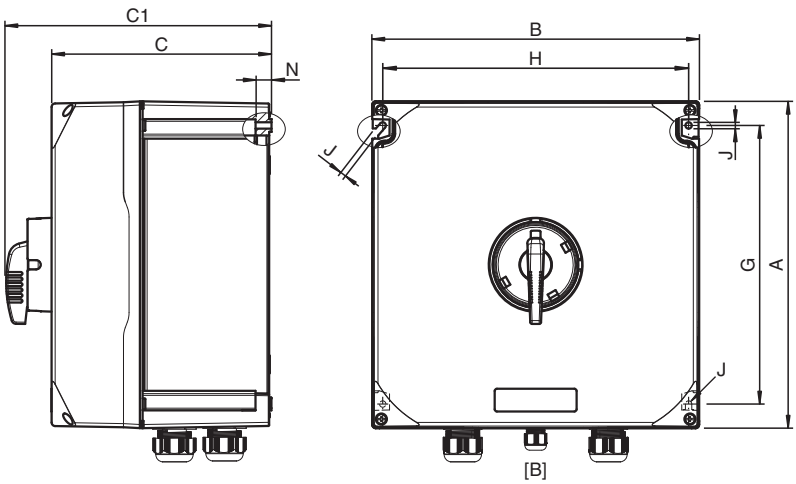
- Switch disconnector, 2 position with left OFF - 6x NO
- Labeling '0 - I'
- Auxiliary contacts - 1x NO / 1x NC
- Carbon loaded, antistatic glass-fiber reinforced polyester
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Bottom face cable glands polyamide, 4x M32 1x M20
- Ex db eb and Ex tb certified
- 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



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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.

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: 63 A, gG
Operating current		40 A max.
Terminal capacity		
Main terminals capacity		2x 6 ... 10 mm^2
Main terminals torque		3.5 Nm
Grounding terminals capacity		2x 6 ... 10 mm^2
Grounding terminals torque		3.5 Nm
Rated insulation voltage		800 V
Function		switch disconnector
Color		black
Contact configuration		6x NO
Switching configuration		2 position with left OFF
Usage category		AC23: 690 V AC - 32 A / 500 V AC - 40 A / 400 V AC - 40 A AC3: 690 V AC - 32 A / 500 V AC - 40 A / 400 V AC - 40 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		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.*

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Technical Data

M20 clamping range		6 ... 12 mm
M32 quantity		4
M32 series		Cable Glands, Plastic
M32 type		CG.PEDS1.M32L.*
M32 clamping range		14 ... 24 mm
Defined entry area		face B
Material		
Enclosure		carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish		inherent color black
Mass		9 kg
Dimensions		
Height (A)		359 mm
Width (B)		359 mm
Depth (C)		241.5 mm
External dimension with operating element (C1)		291.5 mm
Mounting holes distance (G)		306 mm
Mounting holes distance (H)		336 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		4 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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