



Switch Disconnecter Ex e 40 A 6 Pole, Stainless Steel Enclosure

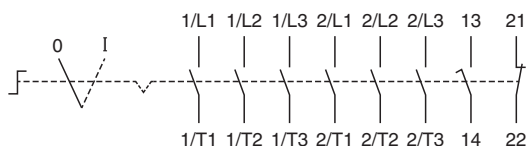
DIS.S.040.6P.1NO.1NC

- 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 M32 1x M20
- Ex db eb and Ex tb certified
- Padlockable switch
- Degree of protection: IP 65

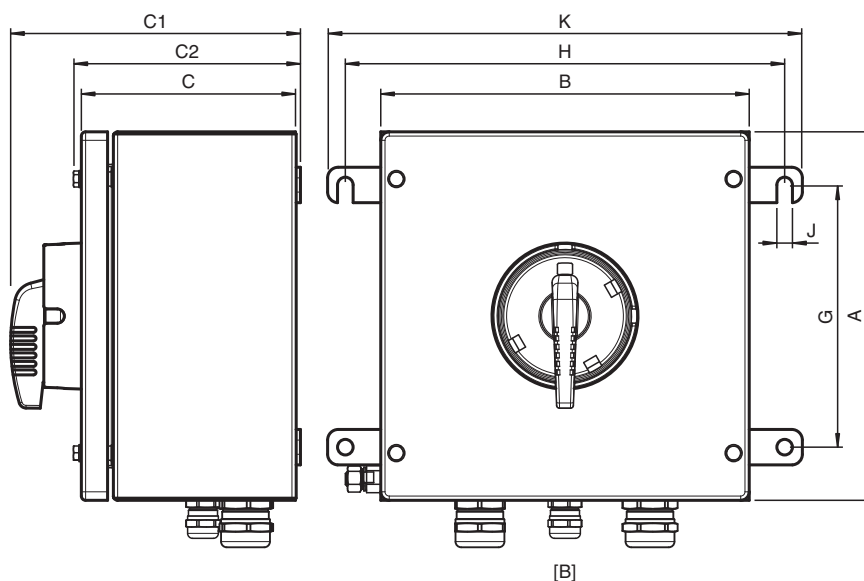


Wiring Diagram

	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: 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 disconnecter
Color	black

Release date: 2020-11-26 Date of issue: 2020-11-26 Filename: 300042_eng.pdf

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

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Technical Data

Contact configuration	6x NO
Switching configuration	2 position changeover 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	XL
Enclosure cover	fully detachable
Cover fixing	stainless steel 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
M32 quantity	4
M32 series	Cable Glands, Metal, for non-armored Cables
M32 type	CG.NA.M32S.*
M32 clamping range	14 ... 24 mm
Defined entry area	face B
Material	
Enclosure	1.5 mm AISI 316L, (1.4404) stainless steel
Finish	brushed
Mass	6.45 kg
Dimensions	
Height (A)	260 mm
Width (B)	260 mm
Depth (C)	200 mm
External dimension with operating element (C1)	255 mm
External dimension with screws (C2)	210 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	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
IA approval	MASC S/18-0003X
CCC approval	2020322304002545
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 .