

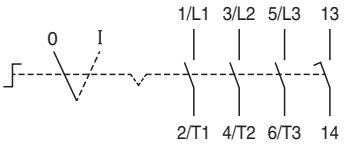
Safety Switch Ex e 40 A 3 Pole, Stainless Steel Enclosure

SAF.S.040.3P.1NO.SR

- Switch disconnector, 2 position with left OFF - 3x NO
- Auxiliary contacts - 1x 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 M32 1x M20
- Ex db eb and Ex tb certified
- Degree of protection: IP 66
- Return Flange Sealing provides Drain Channel

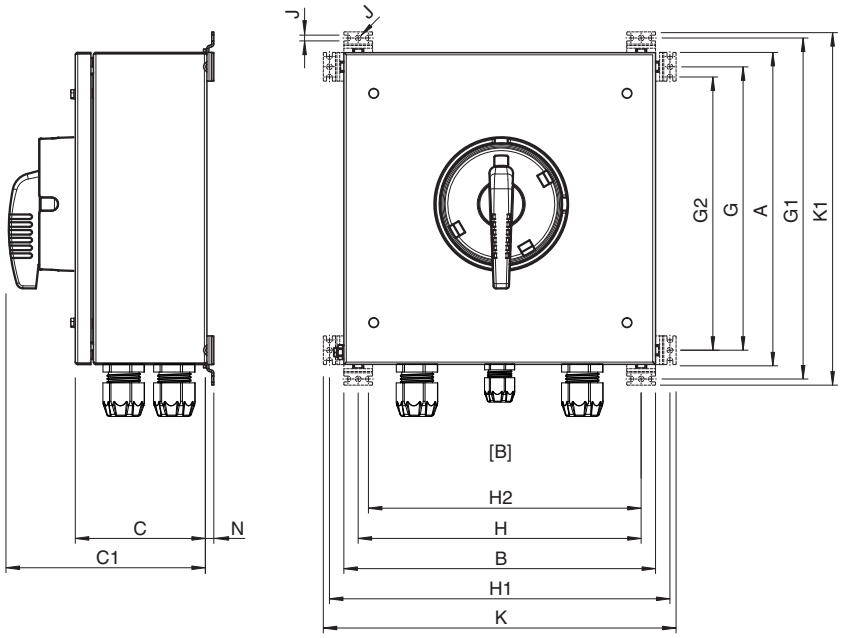
Connection Assignment

	1/L1	3/L2	5/L3	13
0				
I	X	X	X	X
	2/T1	4/T2	6/T3	14



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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.

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		Safety Switch
Color		red-yellow
Contact configuration		3x 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		3
Auxiliary contacts		1x NO delayed, advanced opening
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		SR
Enclosure cover		fully detachable

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Cover fixing		stainless steel A4 (V4A) hexagonal head screws
Screws		M6
Number		4
Tightening torque		3 Nm - 3.5 Nm
Cover seal		foamed silicone
Safety		cover detachable only when operator in 'ON' position
Degree of protection		IP66
Cable entry		thru-holes direct through body or via gland plate
Cable entry face B		
M20 quantity		1
M20 series		Cable Glands, Plastic
M20 type		CG.PEDS1.M20.*
M20 clamping range		6 ... 12 mm
M32 quantity		2
M32 series		Cable Glands, Plastic
M32 type		CG.PEDS1.M32L.*
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		approx. 6.3 kg
Dimensions		
External dimension (A)		260 mm
External dimension (B)		260 mm
External dimension (C)		160 mm
External dimension with operating element (C1)		210 mm
Mounting holes distance (G)		295 mm
Mounting holes distance (G1)		225 mm
Mounting holes distance (G2)		212.5 mm
Mounting holes distance (H)		225 mm
Mounting holes distance (H1)		295 mm
Mounting holes distance (H2)		282.5 mm
Mounting holes diameter (J)		7 mm
Thickness of mounting brackets (N)		8.5 mm
Maximum external dimension (K)		310 mm
Maximum external dimension (K1)		310 mm
Tightening torque		
Nut torque at enclosure (SW1)		see datasheets of cable glands
Mounting		4 Mounting bracket for wall mounting included in the scope of delivery
Grounding		M6 internal/external brass nickel-plated 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
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

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Further approvals	further on request
Conformity	
Degree of protection	EN60529
Usage category	IEC / EN 60947
CE marking	0102
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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