

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

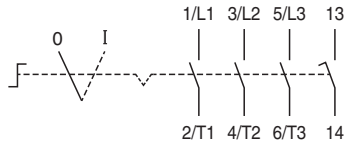
SAF.S.040.3P.1NO.SR

- Switch disconnecter, 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

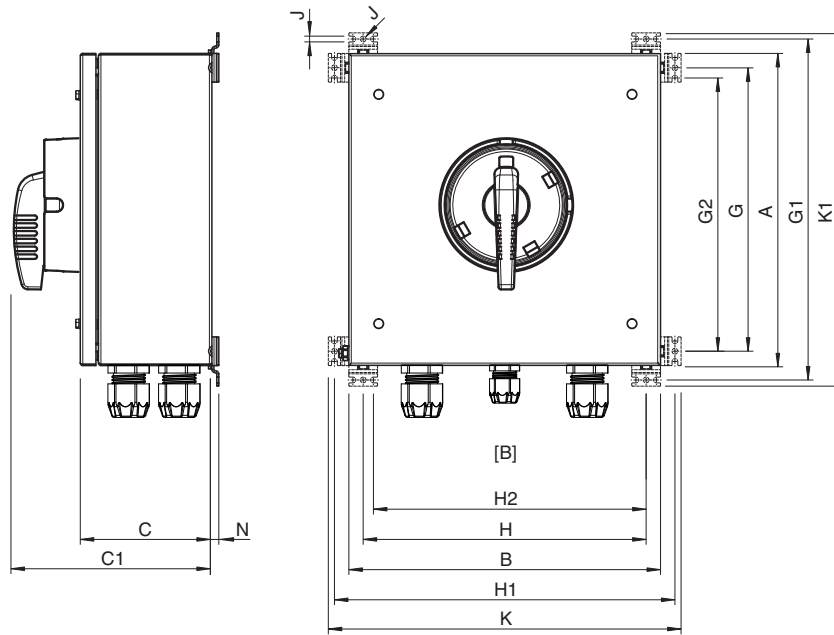


Connection

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



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 - 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	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

Technical Data

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	Ⓜ 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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Technical Data

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 .