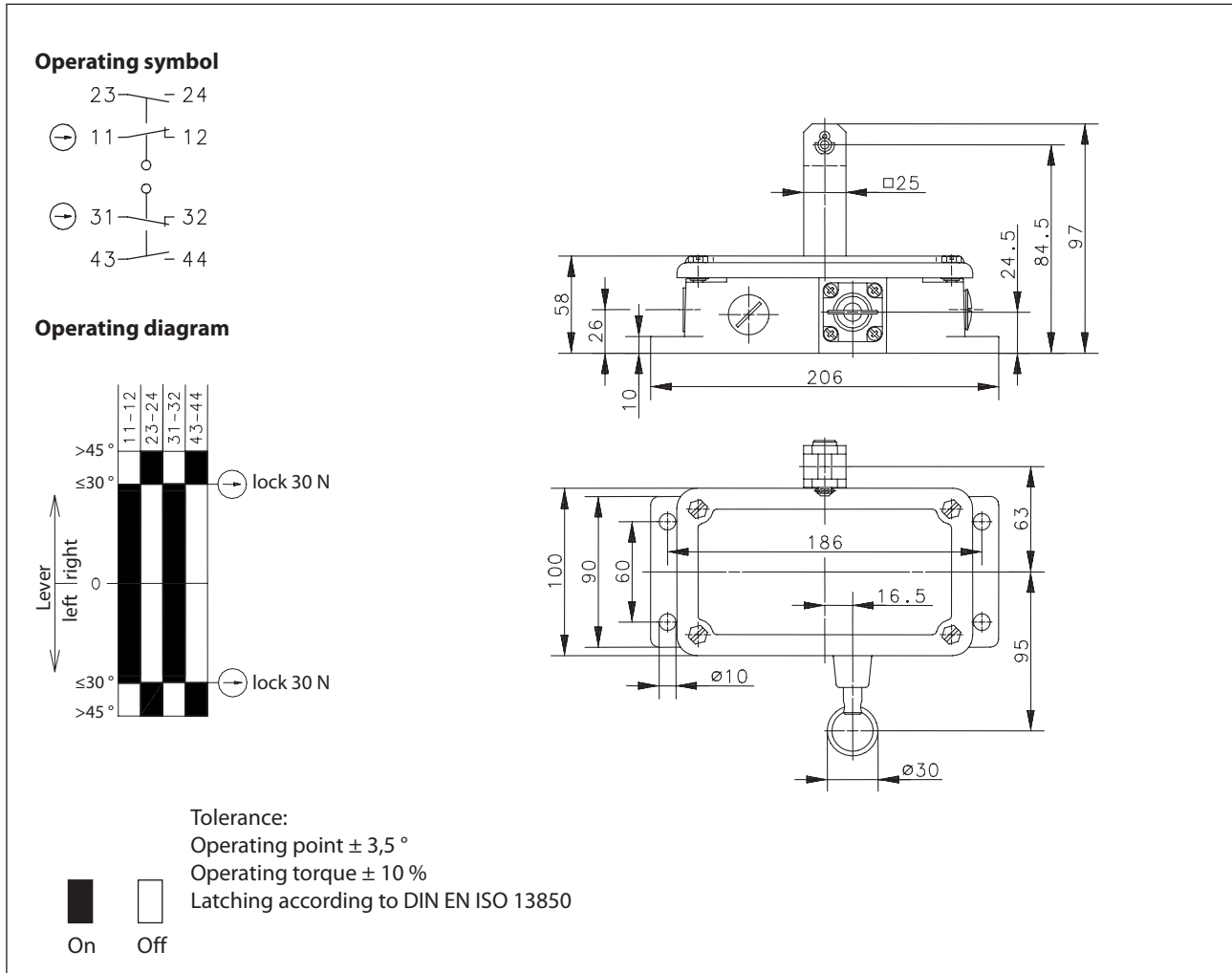


Safety switch - Ex II 2 D
Series SI2

Description **SI2-U2Z AKX EXD**

Article number **6191288003**




Electrical Data		
Rated insulation voltage	U_i	400 V AC
Conv. thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V
Utilization category		AC-15, U_e/I_e 240 V / 3 A
Positive opening NC contact	\ominus	acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		I

Mechanical data	
Enclosure	Gray iron
Cover	Gray iron
Actuator	Lever (St)
Ambient air temperature	-20 °C bis +60 °C
Maximum surface temperature	80 °C
Contact type	2 NC, 2 NO (Zb)
Reset facility	Rotate pulling the key-ring ($\geq 50N$)
Mechanical life	2 x 10 ⁶ operating cycles
Switching frequency	$\leq 10 / \text{min.}$
Assembly	4 x M8
Connection	8 screw terminals (M3,5)
PE-termination	1x M4
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ² Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entrance	3 x M20 x 1,5
Weight	$\approx 3,8 \text{ kg}$
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

Standards	
	DIN EN 60947-5-1
	EN 60079-0, EN 60079-31

Test Certificate	
	IBExU 13 ATEX 1115

Explosion Protection	
	 II 2 D Ex tb IIIC T80°C Db

EU Conformity	
	acc. to directive 2014/34/EU (ATEX Directive)

Notes	
<p>The switching unit must be securely installed. The switch may not be used as a mechanical stop. The metal enclosure of the switch must be earthed if the enclosure can be expected to develop a hazardous charge during operation. The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent cable gland with adequate cable. Cable and cable gland must fulfil the safety requirements according to the regulations of intended applications in areas with explosive risks.</p>	