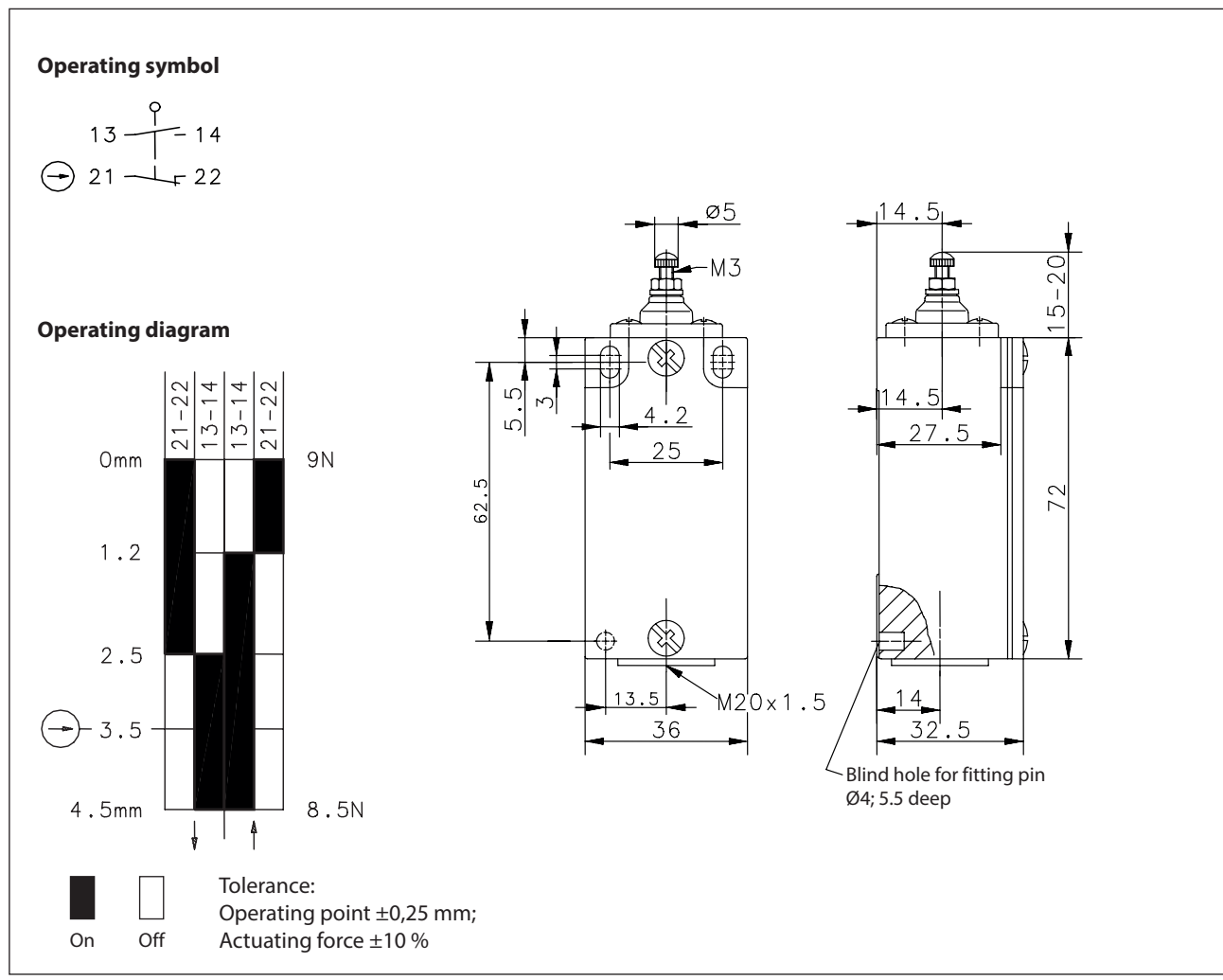


Metal bodied limit switch

Series GC

Description GC-SU1Z STW	Article number 6021156020
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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; DC13 U_e/I_e 24 V / 3 A
Positive opening NC contact		acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 2 A gG
Protection class		I

Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Threaded plunger (adjustable with lock nut M3)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	10 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4
Connection	4 screw connections (M3,5)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ² or Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entrance	1 x M20 x 1,5
Weight	≈ 0,15 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

ID for safety engineering	
B10d	20 x 10 ⁶ cycles

Actuation	
The push bolt actuator is mainly intended to be actuated along it's axis. Side actuation will considerably reduce switch life.	

Standards	
DIN EN 60947-5-1	
DIN EN ISO 13849-1	

EU Conformity	
acc. to directive 2014/35/EU (Low-Voltage-Directive)	

Approvals	
cCSA _{US} A300 (same polarity; AC-15, U _e /I _e 240 V / 3 A)	
CCC (AC-15, U _e /I _e 240 V / 3 A; DC13 U _e /I _e 24 V / 1 A)	

Notes	
The switch must not be used as a stop. 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.	