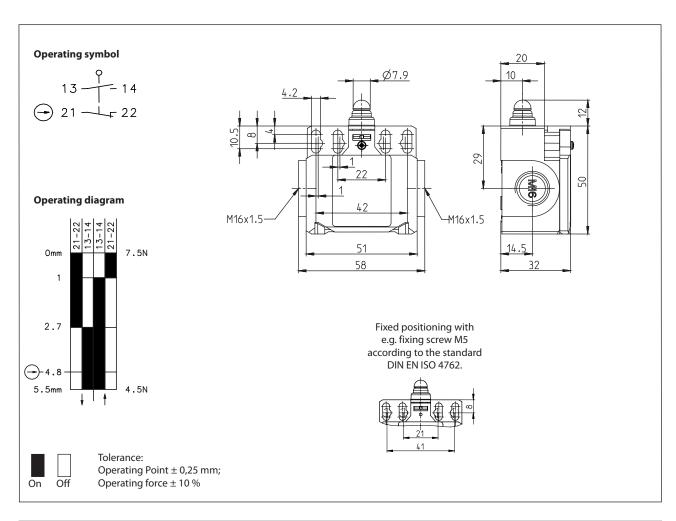


Plastic bodied limit switch

Series BI2

Description **BI2-SU1ZW** Article number **6185153126**



Electrical Data		
Rated insulation voltage	U _i	400 V _{AC}
Conv. thermal current	I_{the}	10 A
Rated operational voltage acc. to cCSA _{US}	$U_{\rm e}$	240 V _{AC} 300 V _{AC}
Utilization category		AC-15 U _e /I _e 240 V / 3 A DC-13 U _e /I _e 24 V / 3 A
Direct opening action	\odot	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 2 A gG
Protection class		II (totally insulated)

Technical Data



Mechanical data		
Enclosure	Thermoplastic, glass fibre reinforced	
Cover	Thermoplastic, glass fibre reinforced	
Actuator	plunger (Thermoplastic)	
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 / 2 x M5 / 2 x M3 front mounting	
Connection	4 screw connections (M3,5)	
Conductor cross-sections	Solid: 0,5 1,5 mm ² Litz wire with ferrules: 0,5 1,5 mm ²	
Cable entrance	2 x M16 x 1,5	
Weight	≈ 0,08 kg	
Installation position	operator definable	
Protection type	IP66, IP67 acc. to IEC/EN 60529; DIN VDE 0470 T1	

ID for safety engineering	
B10d	20 x 10 ⁶ cycles

Actuation

The push bolt actuator is mainly intended to be actuated along its 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	
_c CSA _{US} A300, Q300	

Notes

The degree of protection specified (IP code) applies only to a properly closed protective guard and the use of an equivalent cable gland with adequate cable.