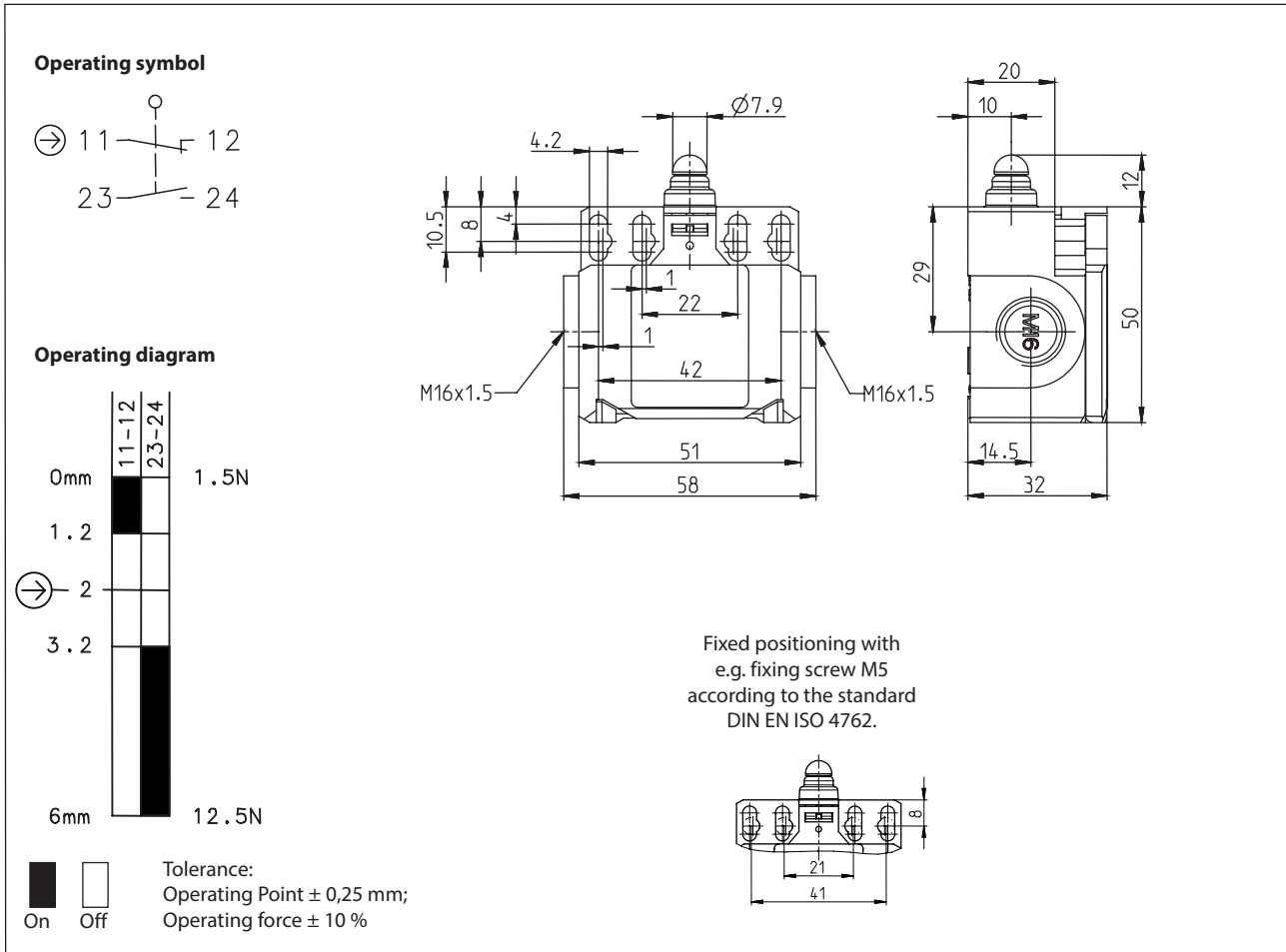


Plastic bodied limit switch

Series BI2

Description **BI2-U1Z W**

Article number **6185103131**



Electrical Data		
Rated insulation voltage	U_i	400 V AC
Conv. thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V AC
acc. to c_{CSA}_{US}	U_e	300 V AC
Utilization category		AC-15 U_e / I_e 240 V / 3 A DC-13 U_e / I_e 24 V / 4 A
Direct opening action	\ominus	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		II (totally insulated)

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	0,5 – 1,5 mm ² (solid or stranded wire with ferrules)
Cable entrance	2 x M16 x 1,5
Weight	≈ 0,08 kg
Installation position	operator definable
Protection type	IP65 acc. to EN 60529

ID for safety engineering	
B10d	20 x 10 ⁶ cycles (@ DC-13; 24 V; I _{e2} = 0,1 A)

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 2006/42/EC (Machinery Directive)

Approvals
cCSA _{US} A300, Q300
CCC

Notes
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.
Finger guard included
