Technical Data

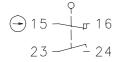
Plastic bodied limit switch



Series 188

Description I88-UV1Z W Article number 6086303011

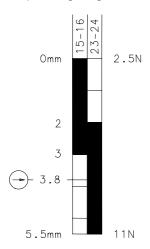
Operating symbol

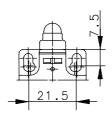


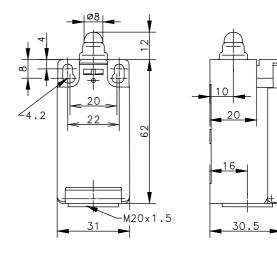
Fixed positioning for safety applications

Mounting screw according to DIN 912 M5

Operating diagram







Tolerance:

Operating point ± 0,25mm;

On Off Operating torque ± 10%

Electrical data		
Rated insulation voltage	Ui	250V AC
Conv. thermal current	I _{the}	10A
Rated operational voltage	U _e	240V
Utilization category		AC-15, U _e /I _e 240V/3A
Direct opening action	\odot	acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 10A gL/gG
Protection class		II, totally insulated

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Technical Data

Plastic bodied limit switch



Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Plunger (thermoplastic)
Ambient air temperature	-30°C +80°C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	≤ 100/min
Assembly	2 x M4
Connection	4 screw connections (M3,5)
Conductor cross-sections	Solid: 0,5 1,5mm ²
	Litz wire with ferrules: 0,5 1,5mm ²
Cable entrance	1 x M20x1,5
Weight	≈ 0,06kg
Installation position	Operator definable
Protection type	IP65 acc. to EN 60529; DIN VDE 0470 T1

Actuation

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

Standards	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
EU Conformity	C€
Approvals	cCSAus A300 (same polarity)

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.

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