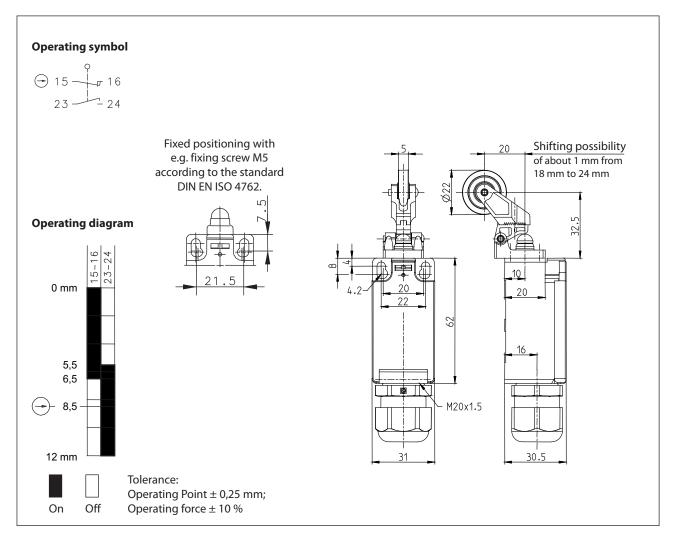


Plastic bodied limit switch

Series 188

Description I88-UV1Z DGKW 270GR RO22

Article number 6186327528



Electrical Data		
Rated insulation voltage	U _i	250 V AC
Conv. thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V
Utilization category		AC-15, Uၙ/Iၙ 240 V / 3 A
Direct opening action	\odot	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		II (totally insulated)

Technical Data



Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Lever with roller (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
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	1x cable gland M20x1,5 (clamping range 5 – 10 mm)
Weight	≈ 0,08 kg
Installation position	operator definable
Protection type	IP67 acc. to IEC/EN 60529

Actuation

The actuating device is preferably started from 1 side.

By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 4 actuation directions are possible.

The actuation assembly is to be again fastened to the housing using the 4 screws.

Standards	
	DIN EN 60947-1, IEC 60947-1
	DIN EN 60947-5-1, IEC 60947-5-1

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

Approvals	
_C CSA _{us}	A300 (same polarity)

Notes

The specified protection classification (IP code) applies only when the cover is closed and the appropriate cable is used, in accordance with the clamping range of the above mentioned cable gland.