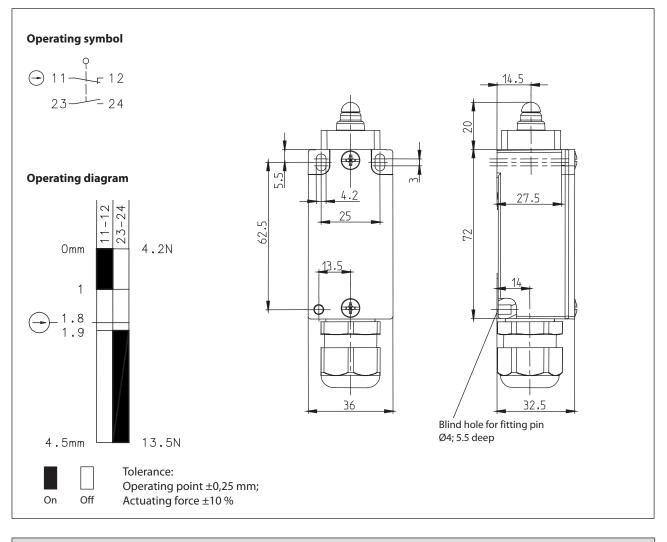


Metal bodied limit switch

Series GC



Article number 6121144304



Electrical Data		
Rated insulation voltage	Ui	400 V AC
Conv. thermal current	$I_{\rm the}$	10 A
Rated operational voltage	U_{e}	240 V
Utilization category		AC-15, U /l 240 V / 3 A
Positive opening operation	\ominus	acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		Ι

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Technical Data



Mechanical data		
Enclosure	Die-cast aluminium	
Cover	Sheet aluminium	
Actuator	Plunger (stainless steel), Actuating head (POM), Screws (stainless steel)	
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 mm² or Litz wire with ferrules: 0,5 1,5 mm²	
Cable entrance	1 x cable gland M20 x 1.5 (clamp-range 5 – 10 mm)	
Weight	≈ 0,156 kg	
Installation position	operator definable	
Protection type	IP65 acc. to IEC/EN 60529	

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

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

Approvals

cCSA{US} A300 (same polarity) CCC

Notes

The switch must not be used as a stop.

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.