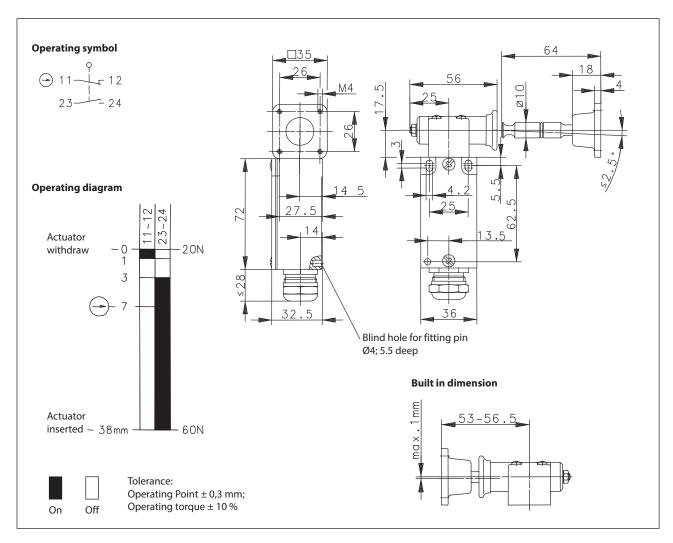


Metal bodied limit switch

Series GC

Description GC-U1Z VT 270GR

Article number 6121100772



Electrical Data		
Rated insulation voltage	U _i	400 V AC
Conv. thermal current	l _{the}	10 A
Rated operational voltage	U	240 V
Utilization category	_	AC-15, U / I 240 V / 3 A
Positive opening NC contact	\odot	acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		I

Technical Data



Mechanical data		
Enclosure	Die-cast aluminium	
Cover	Sheet aluminium	
Actuator	Separate actuator	
Ambient air temperature	-30° C +80° C	
Contact type	1 NC, 1 NO (Zb)	
Mechanical life	1 x 10 ⁶ operating cycles	
Switching frequency	≤ 10 / 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	1 x cable gland M20 x 1,5 (clamp-range 6 – 12mm)	
Weight	≈ 0,32 kg	
Installation position	operator definable	
Protection type	IP65 acc. to IEC/EN 60529	

ID for safety engineering	
B10d	2 x 10 6 switching cycles

Standards	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	DIN EN ISO 13849-1

EU Conformity	
acc. to directiv	e 2006/42/EC

Approvals	
DGUV	
$_{C}CSA_{US}$	A300 (same polarity)
CCC	

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.

Mounting

When used as safety switch pay attention to EN 60204 (use NC-contacts).

Also secure by a set pin (hole within the bottom of the case).

Actuator to be fixed with 4 screws M4 at the movable guard.

Please pay attention to the specified maximum of misalignment of the actuator.

Position of the actuator head determined at works, must not be modified.

Screws obviously secured.