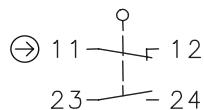
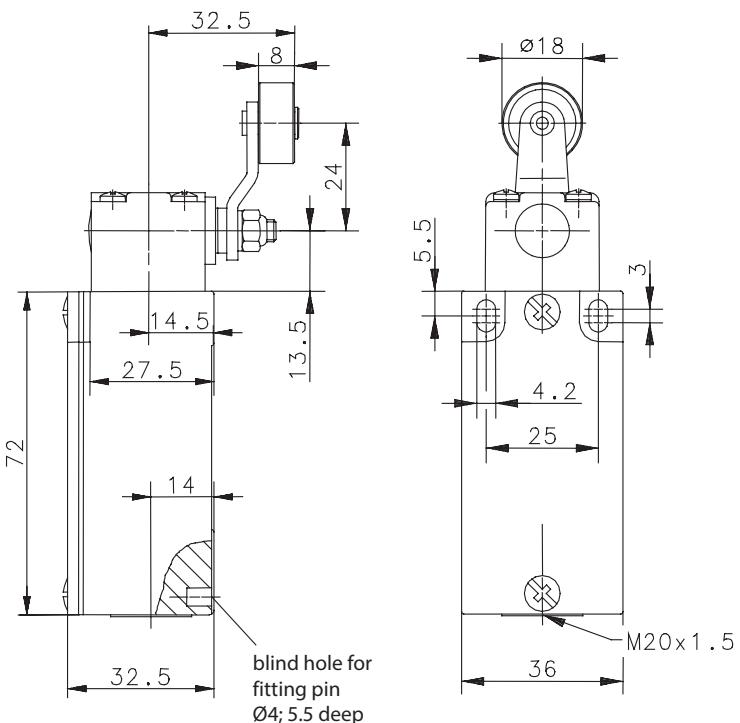
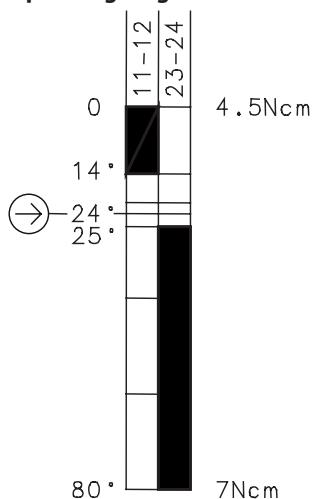


## Metal bodied limit switch

### Series GC

Description **GC-U1Z AH 180GR**Article number **6021135368****Operating symbol****Operating diagram**

Tolerance:  
Operating Point  $\pm 3,5^\circ$ ;  
Operating force  $\pm 10\%$

**Electrical Data**

Rated insulation voltage	$U_i$	400 V AC
Conv. thermal current	$I_{the}$	10 A
Rated operational voltage	$U_e$	240 V
Utilization category		AC-15, $U_e/I_e$ 240 V / 3 A
Positive opening operation	$\oplus$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		I

**Mechanical data**

Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Lever (st), roller (thermoplastic)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	10 x 10 <sup>6</sup> operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4
Connection	4 screw connections (M3,5)
Conductor cross-sections	0,5 – 1,5 mm <sup>2</sup> (solid or stranded wire with ferrules)
Cable entrance	M20 x 1,5
Weight	≈ 0,21 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

**Actuation**

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.

**ID for safety engineering**

B10d	20 x 10 <sup>6</sup> cycles (@ DC-13; 24 V; I <sub>e2</sub> = 0,1 A)
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**Standards**

DIN EN 60947-5-1
DIN EN ISO 13849-1

**EU Conformity**

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

CSA <sub>us</sub> A300 (same polarity)
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.