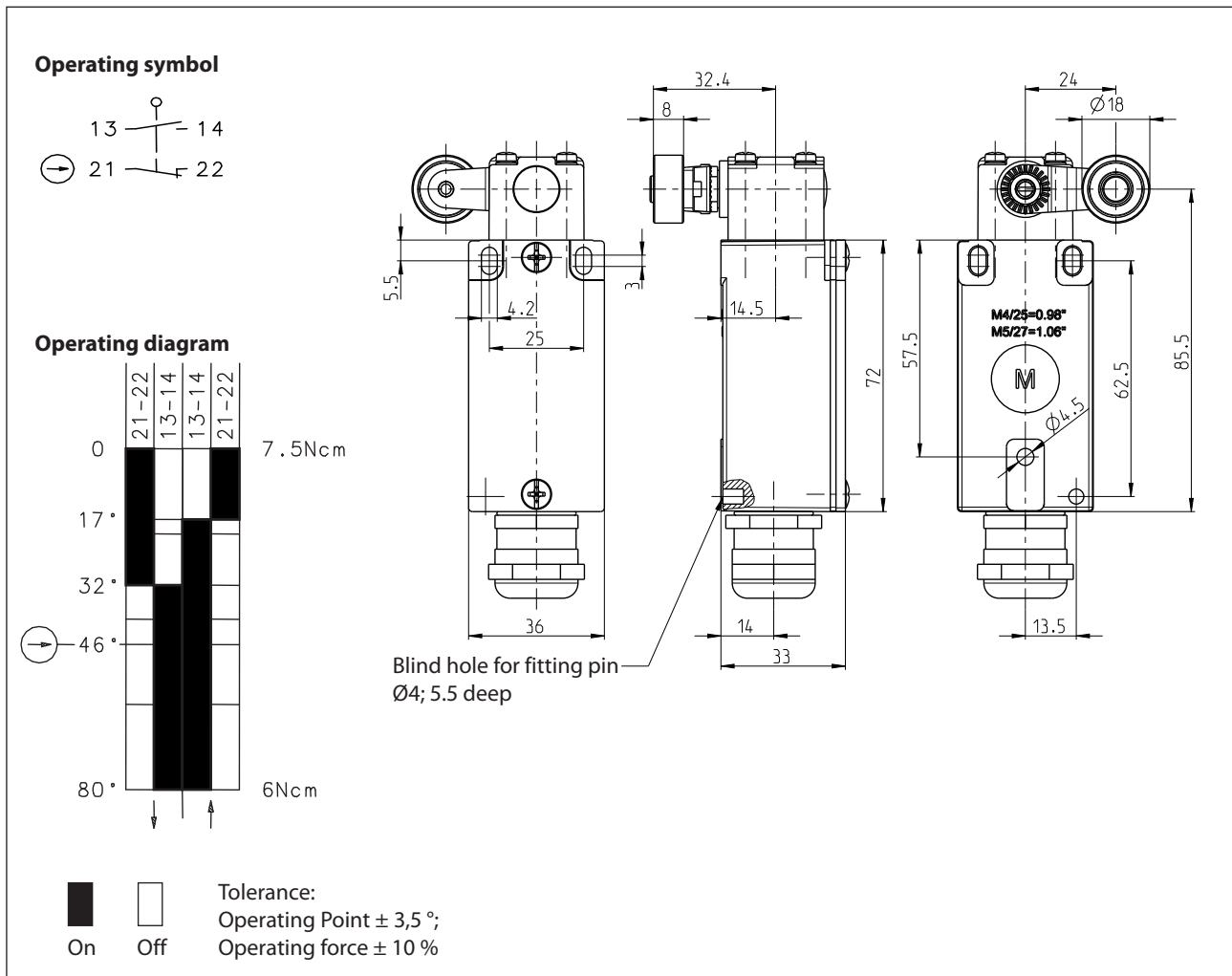


Metal bodied limit switch Series GC

Description **GC-SU1Z AH 180GR**

Article number **6121385007**



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 |
| Direct opening action | \ominus | acc. to IEC/EN 60947-5-1, annex K |
| Short-circuit protective device | | Fuse 2 A gG |
| Protection class | | I |

| Mechanical data | |
|--------------------------|---|
| Enclosure | Die-cast aluminium |
| Cover | Sheet aluminium |
| Actuator | Turret head (Zn-die cast), roller (thermoplastic) |
| Ambient air temperature | -30 °C ... +80 °C |
| Contact type | 1 NC, 1 NO (Zb) |
| Mechanical life | 1 x 10 ⁷ 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 | 1 x cable gland M20 x 1,5 (clamping range 6-12 mm) |
| Weight | ≈ 0,3 kg |
| Installation position | operator definable |
| Protection type | IP20 acc. to IEC/EN 60529 (IP65 possible with closed bore hole Ø4,5 mm) |

| 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. |

| 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) |

| Notes |
|---|
| The degree of protection (IP code) specified 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. |