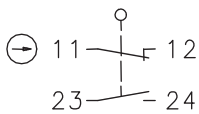


Metal bodied limit switch Series GC

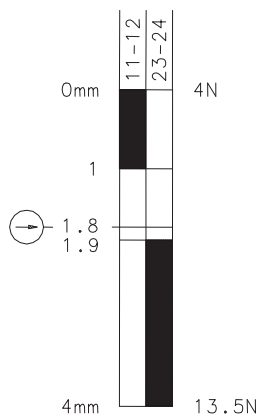
Description **GC-U1Z RIW 90 GR**

Article number **6021117297**

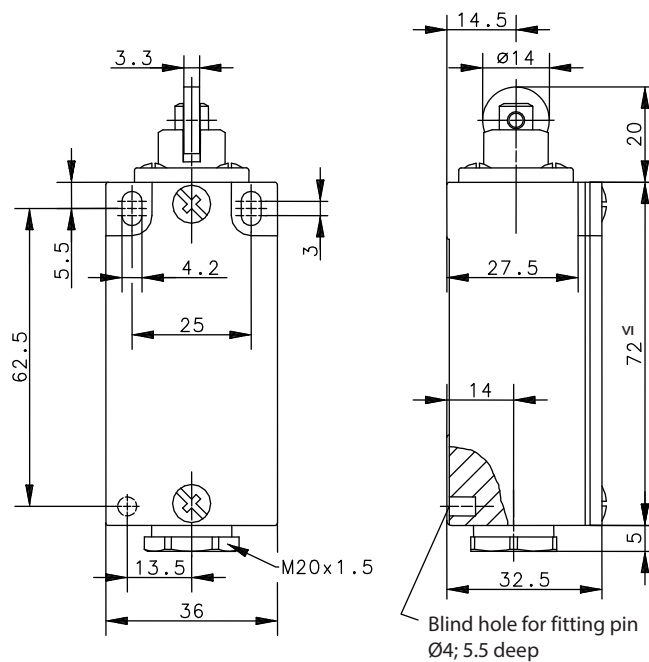
Operating symbol



Operating diagram



On Off Tolerance:
 Operating point $\pm 0,25$ mm;
 Actuating force ± 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 | | acc. 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 | Roller (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 mm ² or Litz wire with ferrules: 0,5 ... 1,5 mm ² |
| Cable entrance | 1 x cable gland M20x1,5 (clamp-range 5,5 – 6,1mm) |
| Weight | ≈ 0,16 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. |

| 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 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. |