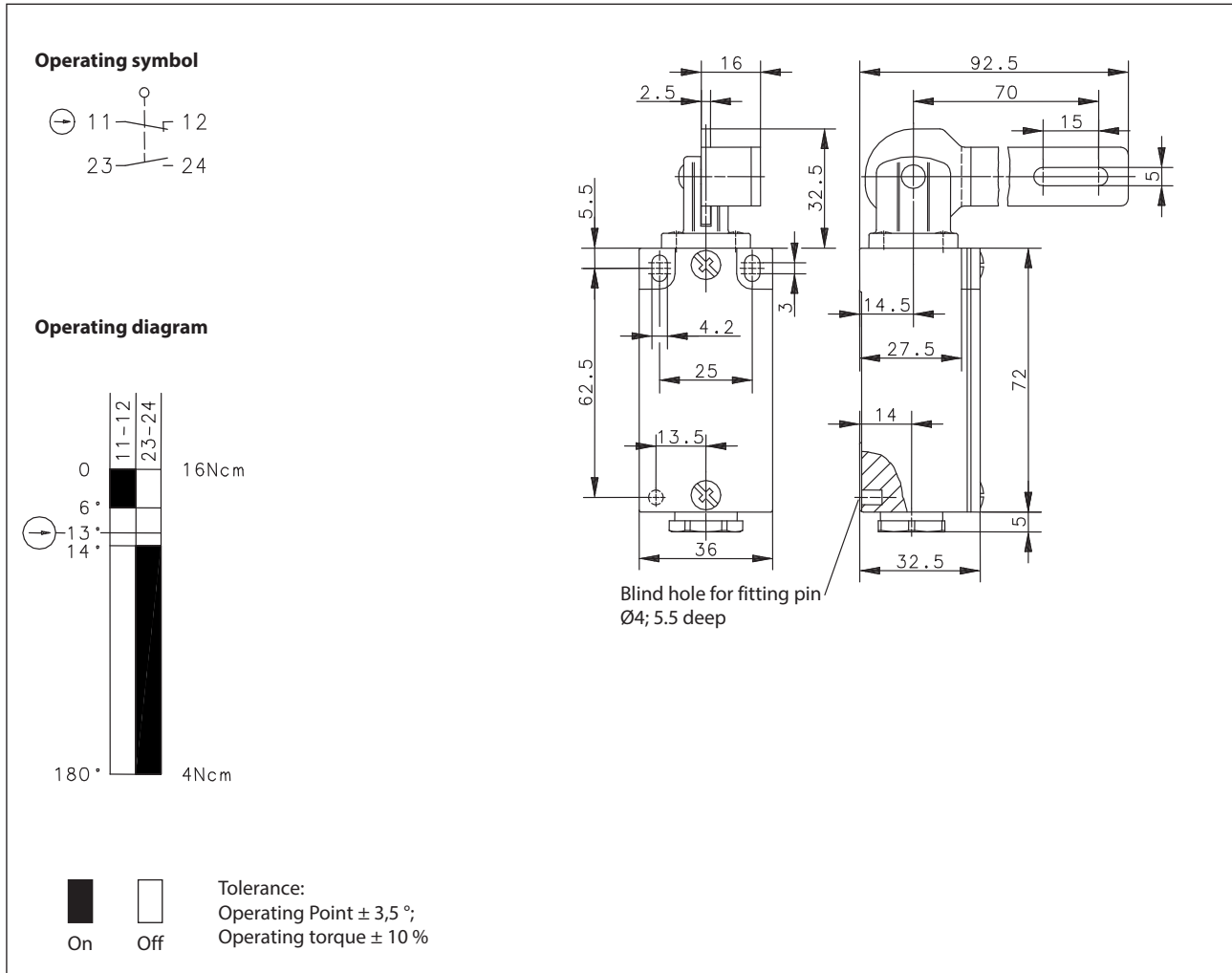


Metal bodied limit switch Series GC

Description **GC-U1Z VKW**

Article number **6121100623**



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 NC contact | \ominus | 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 (steel) |
| Ambient air temperature | -30° C ... +80° C |
| Contact type | 1 NC, 1 NO (Zb) |
| Mechanical life | 1 x 10 ⁶ operating cycles |
| Switching frequency | ≤ 20 / 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 5,5 - 6,1 mm) |
| Weight | ≈ 0,206 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 directive 2006/42/EC |

| Approvals | |
|-----------|--|
| | DGUV |
| | c_CSA _{US} A300 (same polarity) |
| | CCC |

| Notes | |
|---|--|
| <p>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.</p> <p>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).</p> | |