

Technical Data

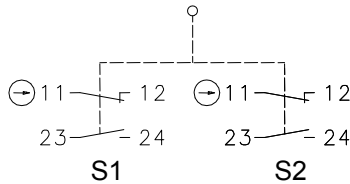
Rope pull switch

Series RM

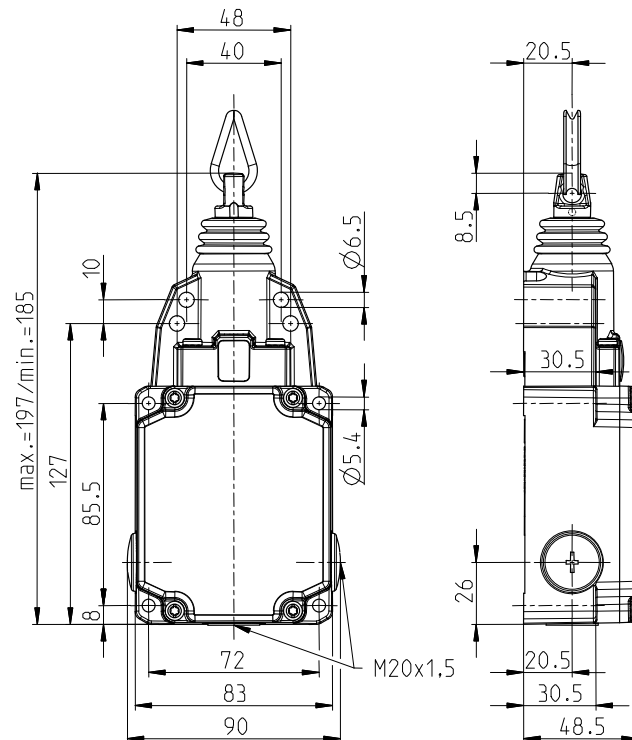
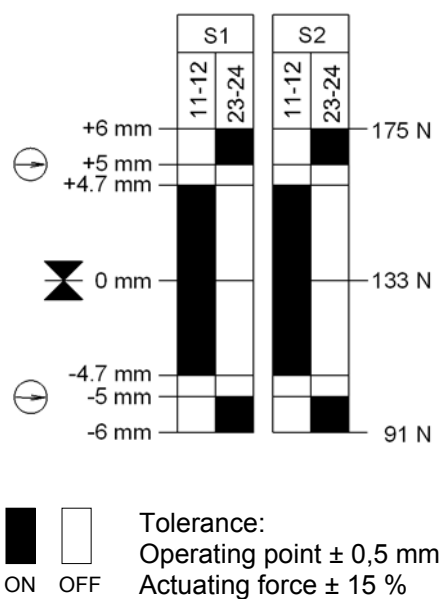
Description **RM U1Z/U1Z-LU-175**

Article number **6012921093**

Operating symbol



Operating diagram



Electrical data

| | | |
|---------------------------------|-----------|--|
| Rated insulation voltage | U_i | 250 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, U_e/I_e 120 V / 6 A DC-13, U_e/I_e 250 V / 0,27 A, U_e/I_e 125 V / 0,55 A |
| Direct opening action | \ominus | acc. to IEC/EN 60947-5-1, Annex K |
| Short-circuit protective device | | Fuse 6 A gG |
| Protection class | | I |

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Technical Data

Rope pull switch



Mechanical data

| | |
|--------------------------|--|
| Enclosure | Al-die cast |
| Cover | Al-die cast |
| Actuator | Pull eye (Zn-die cast) |
| Ambient air temperature | -30 °C ... +80 °C (no freezing over/ no condensation) |
| Contact type | 2 NC, 2 NO (Zb) (2 built-in switches S1+S2) |
| Mechanical life | acc. to IEC 60947-5-5 max. 1×10^5 switching cycles |
| Rope length | $\leq 37,5$ m (depends on the max. temperature variation) |
| Rope \varnothing | $D = \varnothing 2 - 5$ mm |
| Switching frequency | ≤ 20 /min. |
| Assembly | 4 x M6 oder 4 x M5 |
| Connection | 8 screw terminals (M3,5) |
| Conductor cross-sections | Solid: $0,5 \dots 1,5$ mm ² Litz wire with ferrules: $0,5 \dots 1,5$ mm ² |
| Cable entrance | 3 x M20x1,5 |
| Weight | $\approx 0,77$ kg |
| Installation position | operator definable |
| Protection type | IP67 acc. to IEC/EN 60529 |

ID for safety engineering

| | |
|------|----------------------------------|
| B10d | 2×10^5 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

EU Conformity

acc. to directive 2006 / 42 / EC
acc. to directive 2006 / 95 / EC

Approvals

cCSA_{US}

Notes

The degree of protection (IP code) specified applies solely to a properly closed cover and the use of an equivalent cable gland with adequate cable.

Maintenance-free installation.
Rope with accessories is available on demand.