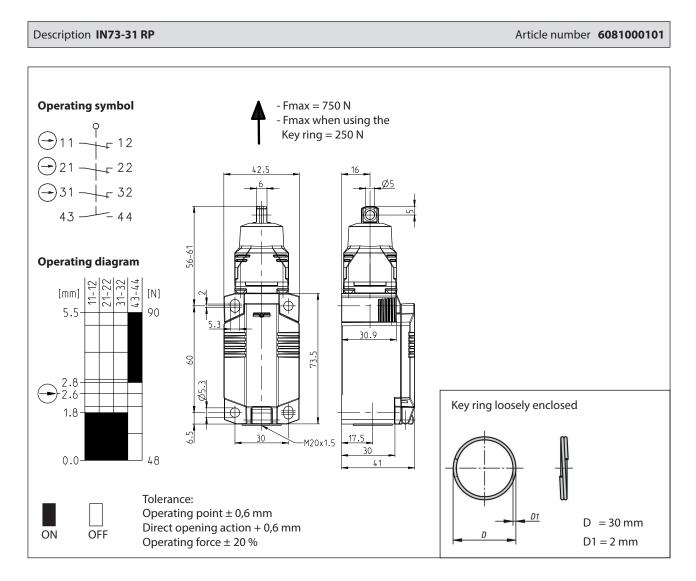


Rope pull switch

Series IN73



| Electrical Data | | |
|---|----------------|---|
| Rated insulation voltage | U _i | 250 V |
| Rated impulse withstand voltage | U_{imp} | 2,5 kV |
| Rated operational voltage | U_{e} | 240 V AC / 24 V DC |
| Rated supply frequency AC | | 50 / 60 Hz |
| Conv. thermal current | I_{the} | 5 A |
| Minimum current | | 1 mA |
| Utilization category | | AC 15, U _e /I _e 240 V / 1,5 A; DC 13, U _e /I _e 24 V / 1,5 A |
| Direct opening action | Θ | acc. IEC/EN 60947-5-1, annex K; direct opening force: 120 N |
| Short-circuit protective device | | Fuse 4 A gG |
| Rated conditional short-circuit current | | 400 A |
| Protection class | | II, totally insulated |

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Technical modifications and errors excepted.

The technical datasheet corresponds to the technical state as of 2021-08-05 and will not be removed in case of changes.

Technical Data



| Mechanical data | |
|------------------------------------|---|
| Enclosure | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Cover | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Actuator | Pull ring (Zn-die cast), secured against rotation |
| Key ring | Steel nickel plated |
| Operating temperature | -30 °C +75 °C |
| Storage temperature | -40 °C +80 °C |
| Protection type | IP66 / IP67 acc. EN 60529, Type 4X – Indoor Use only |
| Pollution degree (built-in switch) | 3 |
| Contact material | silver |
| Contact type | 3 N.C. (Form Zb), 1 N.O. |
| Switching frequency | ≤ 60 / min. |
| Mechanical life | 10 x 10 ⁶ operating cycles |
| Mission time | ≤20 years |
| Connection | 8 screw connections (M3,5) |
| Conductor cross-sections | Solid or Litz wire with ferrules 0,34 mm ² - 1,5 mm ² ; AWG 22-16 |
| Cable entrance | 1 x M20 x1,5 |
| Weight | ≈ 0,20 kg |
| Installation position | operator definable |

Actuation

Standards

By lifting the clamp the actuation assembly can be rotated in 90° increments. The actuation assembly is to be again fastened to the housing by lowering the clamp.

| ID for safety engineering | | |
|---------------------------|-----------------------------|--|
| B10d N.C. | 20 x 10 ⁶ cycles | |
| | | |

| Standards | |
|-----------|--------------------------|
| | DIN EN 60947-5-1 |
| | UL 508 / CSA C22.2 No.14 |
| | DIN EN ISO 13849-1 |
| | DIN EN ISO 13849-2 |

EU Conformity

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

Approvals CCC cUL_{us}

Notes

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

The key ring is enclosed loosely.

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