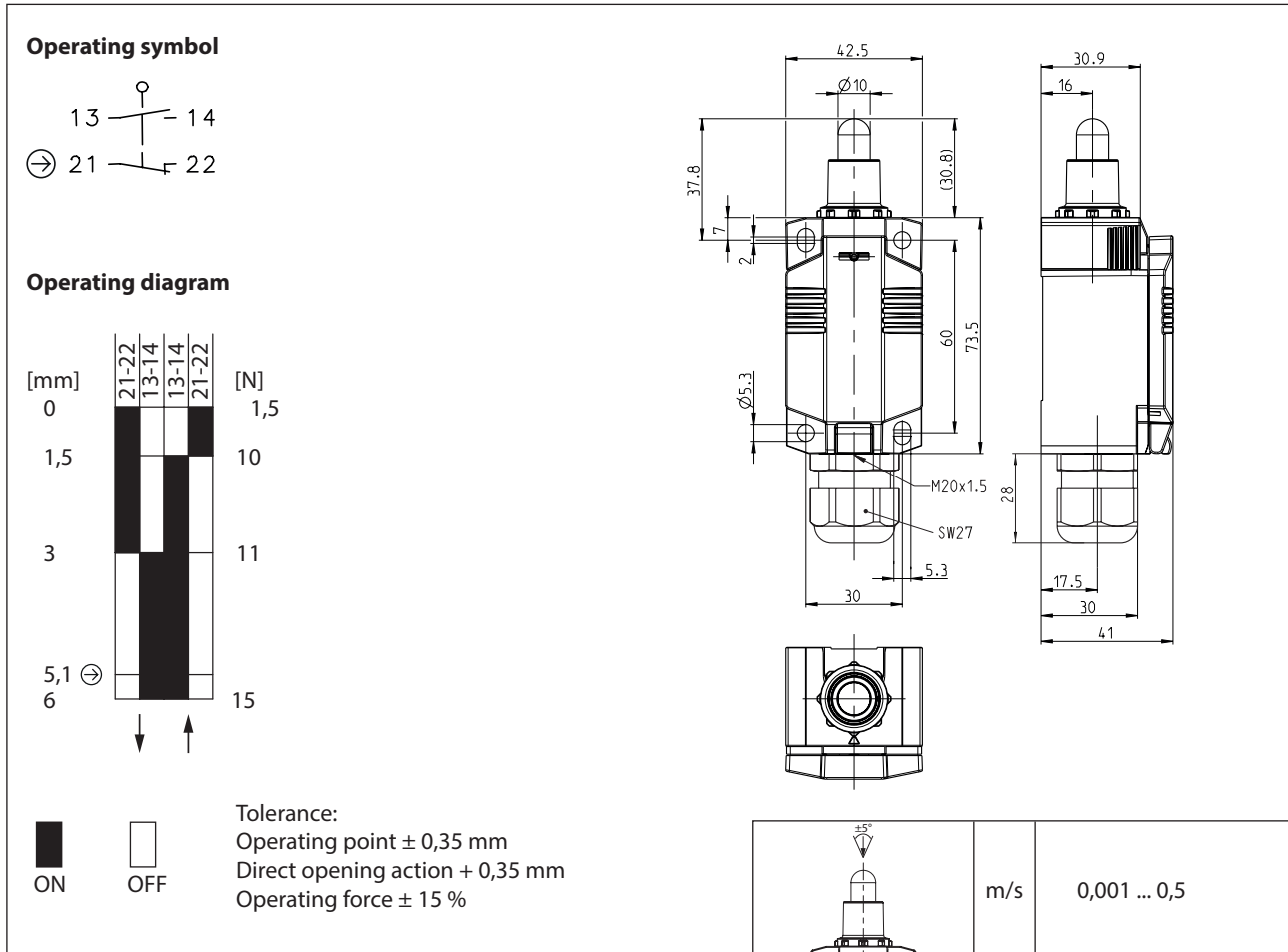


Plastic bodied limit switch Series IN73

Description **IN73-S11 SM 08**

Article number **6181000051**



| Electrical Data | | |
|---|-----------|---|
| Rated insulation voltage | U_i | 400 V |
| Rated impulse withstand voltage | U_{imp} | 4 kV |
| Rated operational voltage | U_e | 240 V AC / 24 V DC |
| Rated supply frequency AC | | 50 / 60 Hz |
| Overvoltage category | | II acc. EN 60947-1 annex H table H1 |
| Conv. thermal current | I_{the} | 10 A |
| Minimum current | | 1 mA |
| Utilization category | | AC 15, U_e/I_e 240 V / 3 A; DC 13, U_e/I_e 24 V / 1,5 A |
| Direct opening action | \ominus | acc. IEC/EN 60947-5-1, annex K; direct opening force: 24 N |
| Short-circuit protective device | | Fuse 10 A gG |
| Rated conditional short-circuit current | | 400 A |
| Protection class | | II, totally insulated |

| Mechanical data | |
|------------------------------------|--|
| Enclosure | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Cover | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Actuator | Plunger (Steel, nickel) |
| Operating temperature | -30 °C ... +75 °C |
| Storage temperature | -40 °C ... +80 °C |
| Protection type | IP66 / IP67 acc. EN 60529 |
| Pollution degree (built-in switch) | 3 |
| Contact material | silver |
| Device Class (built-in switch) | Category E (MC3+CC2+SC1) acc. EN 60947-1 annex Q |
| Contact type | 1 N.C. (Form Zb), 1 N.O. |
| Bounce duration | ms < 3 ms |
| Switchover time | ms < 8 ms |
| Switching frequency | ≤ 60 / min. |
| Mechanical life | 10 x 10 ⁶ operating cycles |
| Mission time | ≤20 years |
| Connection | 4 screw connections (M3) |
| Conductor cross-sections | 0,34 mm ² - 1,5 mm ² (solid or stranded wire with ferrules); AWG 22-16 |
| Cable entrance | Cable gland (clamp-range 10 – 14 mm) |
| Weight | ≈ 0,17 kg |
| Installation position | operator definable |

| Actuation |
|--|
| The push bolt actuator is mainly intended to be actuated along its axis. |

| ID for safety engineering |
|---------------------------------------|
| B10d N.C. 20 x 10 ⁶ cycles |
| B10d N.O. 1 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 |
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| 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. |