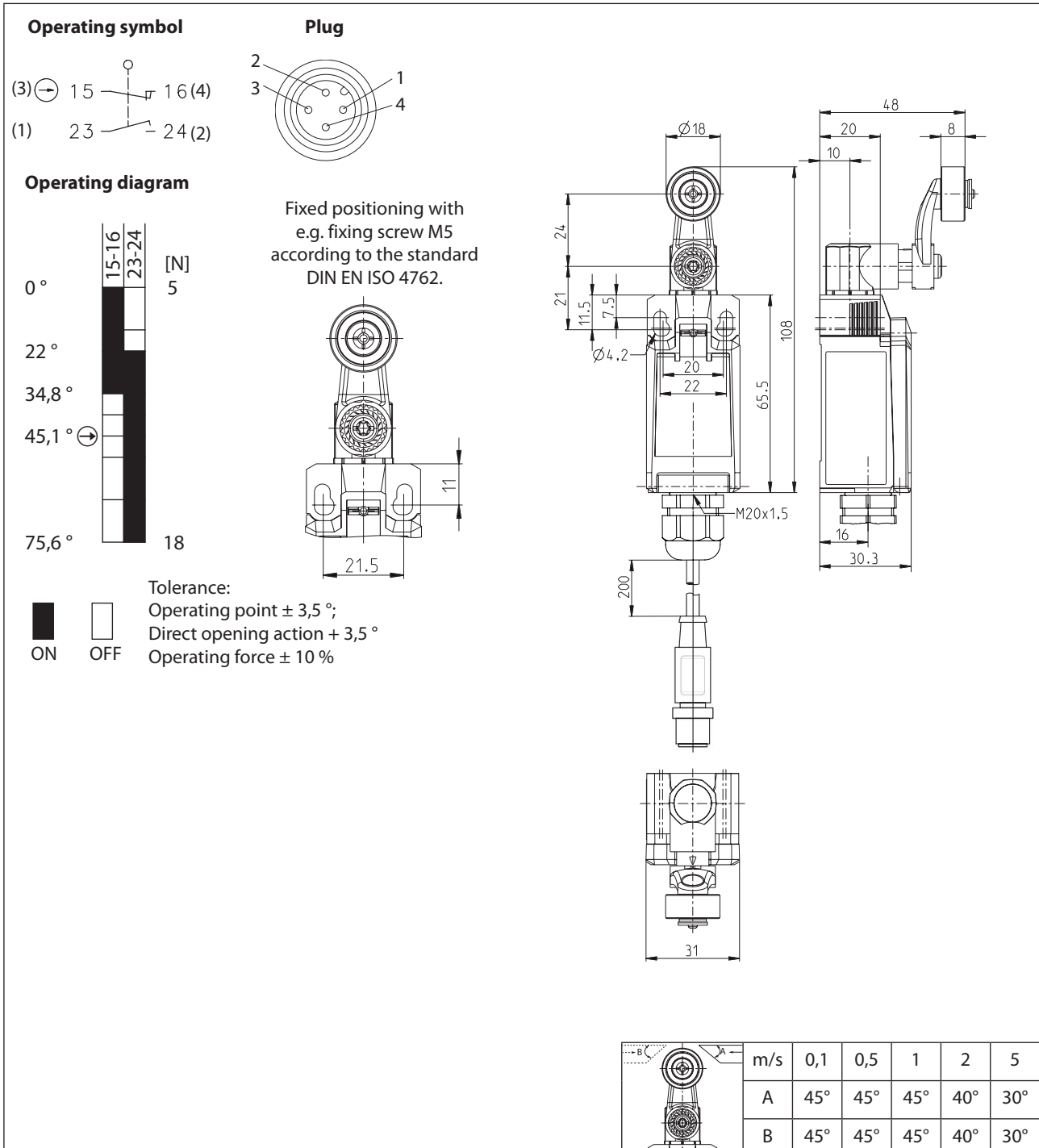


Plastic bodied limit switch Series IN65

Description **IN65-UV1Z AHK KV0.2**

Article number **6183000237**



| Electrical Data | | |
|---|-----------|---|
| Rated insulation voltage | U_i | 300 V |
| Rated impulse withstand voltage | U_{imp} | 2 kV |
| Rated operational voltage | U_e | 240 V AC / 24 V DC |
| Rated supply frequency AC | | 50 / 60 Hz |
| Conv. thermal current | I_{the} | will be determined and added |
| 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 | ⊖ | acc. IEC/EN 60947-5-1, annex K; direct opening force: 24 N |
| Short-circuit protective device | | Fuse 4 A gG |
| Rated conditional short-circuit current | | 400 A |
| Max. contact resistance | | 25 mOhm (unused) |

| Mechanical data | | |
|------------------------------------|-------|--|
| Enclosure | | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Cover | | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Actuator | | Metal lever with plastic roller / lever in 15 ° increments adjustable |
| Actuating force | F_B | 10 N ≤ F_B ≤ 30 N |
| 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. |
| Isolating distance | | 4 mm (2x2 mm) (switch contacts) |
| Operating rate | V | 0,06 m/min ≤ V ≤ 30 m/min |
| Bounce duration | ms | The value depends on the operating rate. |
| Switchover time | ms | The value depends on the operating rate. |
| Switching frequency | | ≤ 60 / min. |
| Mechanical life | | 15 x 10 ⁶ operating cycles |
| Mission time | | ≤20 years |
| Connection | | Cable 4 x 0,34 mm ² x 0,2 m, cable gland with plug connector 4-pole |
| Weight | | ≈ 0,09 kg |
| Installation position | | operator definable |

| Actuation |
|--|
| The actuating device is preferably started from 2 sides. By lifting the clamp the actuation assembly can be rotated in 45° increments such that 16 actuation directions are possible. The actuation assembly is to be again fastened to the housing by lowering the clamp. |

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

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

Approvals

cCSA_{US} B300, 240Vac 1.5A G.P., 24Vdc 1.5A R. Enclosure Type 4X

Notes

The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent connector. The connector and the cable (fix or flexible mounted) must at least be suitable for the described ambient air temperatures. The connector must not be connected or disconnected when voltage is applied. Suitable connector and cable must be used to meet approval requirements.