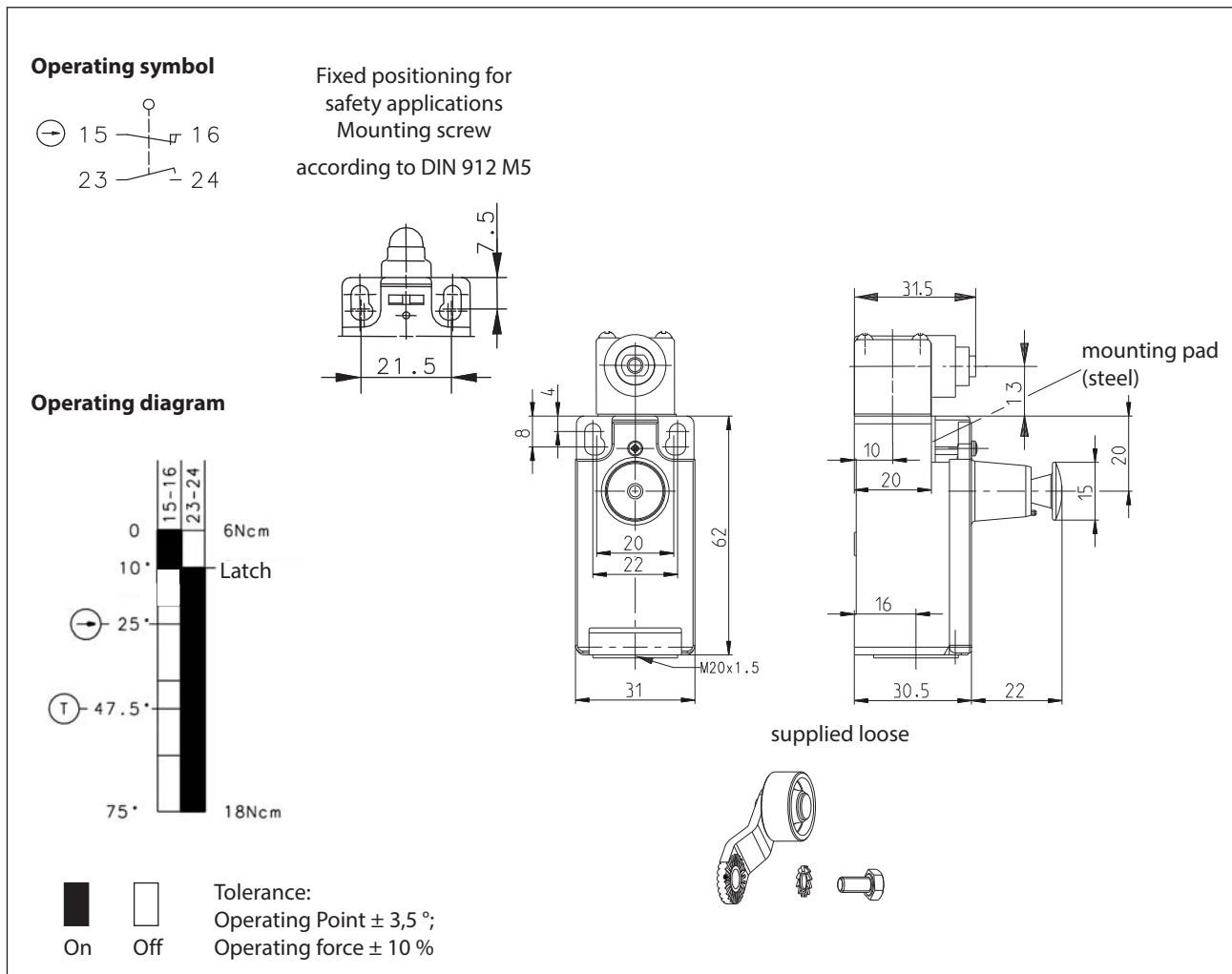


Plastic bodied limit switch Series I88

Description **I88-UV1Z AH RAST**

Article number **6186335781**



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 |
| Direct opening action | \rightarrow | acc. to IEC/EN 60947-5-1, annex K |
| Gap between NC-contacts | $\text{\textcircled{T}}$ | DIN EN 81 |
| Short-circuit protective device | | Fuse 10 A gG |
| Protection class | | II (totally insulated) |

| Mechanical data | |
|--------------------------|---|
| Enclosure | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Cover | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Actuator | Turret head (Zn-die cast), lever (st), roller (thermoplastic) |
| Ambient air temperature | -30 °C ... +80 °C |
| Contact type | 1 NC, 1 NO (Zb) |
| Mechanical life | 1 x 10 ⁶ operating cycles |
| Switching frequency | ≤ 60 / 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 M20 x 1,5 |
| Weight | ≈ 0,09 kg |
| Installation position | operator definable |
| Protection type | IP65 acc. to IEC/EN 60529 |

| Actuation |
|--|
| <p>The actuating device is preferably started from 2 sides. By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 8 actuation directions are possible. The actuation assembly is to be again fastened to the housing using the 4 screws.</p> |

| 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 2006/95/EC |

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

| Notes |
|---|
| <p>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. To achieve safe positive opening the user must observe suitable alignment and mechanical driving fit for all adjustable parts. A sufficient contact angle to reach the marked positive opening (⊕) must be ensured.</p> |