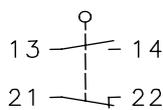


Plastic bodied limit switch Series I88

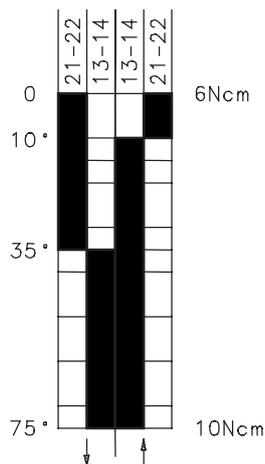
Description **I88-SU1 AD**

Article number **6086187042**

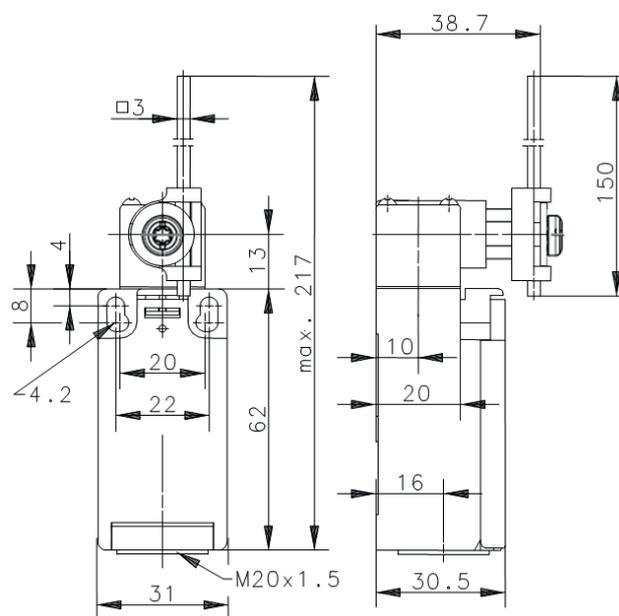
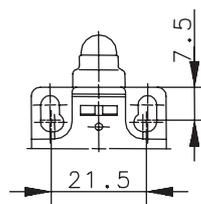
Operating symbol



Operating diagram



Fixed positioning with
e.g. fixing screw M5
according to the standard
DIN EN ISO 4762.



ON
 OFF
 Tolerance:
 Operating point $\pm 3,5^\circ$;
 Operating force $\pm 10\%$

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 |
| Short-circuit protective device | | Fuse 2 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 (thermoplastic); AD-rod (st) |
| Ambient air temperature | -30 °C ... +80 °C |
| Contact type | 1 NC, 1 NO (Zb) |
| Mechanical life | 10 x 10 ⁶ operating cycles |
| Switching frequency | ≤ 100 / 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 | ≈ 0,1 kg |
| Installation position | operator definable |
| Protection type | IP65 acc. to EN 60529 |

Actuation

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 4 actuation directions are possible.
The actuation assembly is to be again fastened to the housing using the 4 screws.

Standards

DIN EN 60947-5-1 (except annex K)

EU Conformity

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

Approvals

CCC
cCSA_{US} A300 (same polarity)

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.