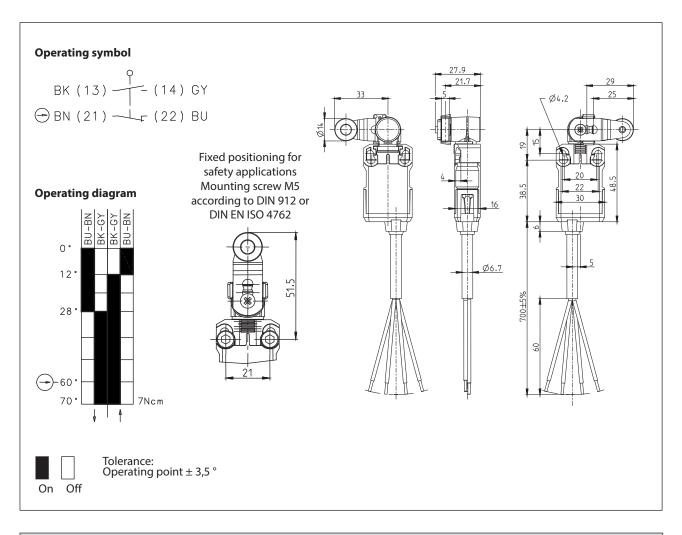


Plastic bodied limit switch

Series IF

Description IF-SU1Z AH

Article number 6189185003



| 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 | \odot | acc. to IEC/EN 60947-5-1, annex K |
| Short-circuit protective device | | Fuse 6 A gG |
| Protection class | | II, totally insulated |

Technical Data



| Mechanical data | |
|-------------------------|---|
| Enclosure | PA6 (glass fibre reinforced) |
| Cover | PA6 (glass fibre reinforced) |
| Actuator | Lever arm housing (Zn-DG), Lever (st), Roller (thermoplastic) |
| Ambient air temperature | -25 °C +70 °C (cable in fixed position) |
| Contact type | Snap action, 1 NO, 1 NC (Zb) |
| Mechanical life | 3 x 10 ⁶ switching cycles |
| Switching frequency | ≤ 30 / min. |
| Assembly | 2 x M4 or 2 x M5 |
| Connection | Cable 4 x 0,75 mm ² |
| Weight | ≈ 0,20 kg |
| Installation position | operator definable |
| Protection type | IP67 acc. to IEC/EN 60529; DIN VDE 0470 T1 |

Actuation

Operating direction: from 2 sides

The actuating head can be turned in steps of 90° by lifting the clamp. This means that it can be approached from 8 different directions.

| ID for safety engineering | |
|---------------------------|----------------------------|
| B10d | 6 x 10 ⁶ 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 2006/42/EC | |

| Approvals | |
|--------------------------------|------------|
| _c CSA _{us} | A300, Q300 |

Notes

The indicated protection class (IP-code) is only valid when the actuator is correctly mounted.