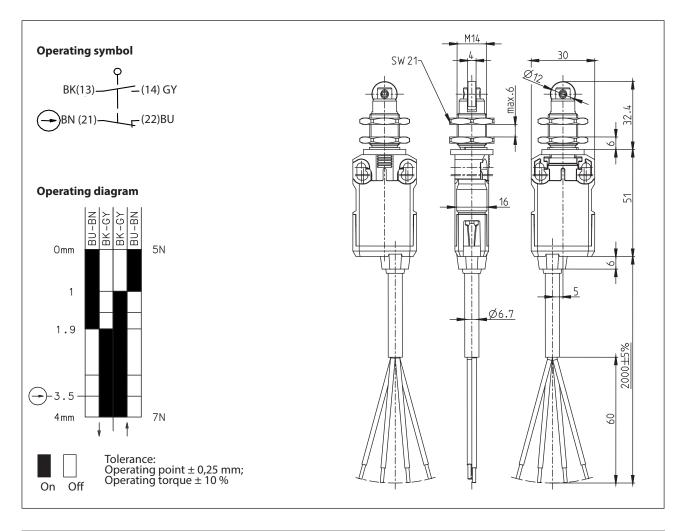


Plastic bodied limit switch

Series IF

Description IF-SU1Z RIWF

Article number 6089167010



| Electrical Data | | |
|---------------------------------|-----------|---|
| Rated insulation voltage | Ui | 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 | \ominus | acc. to IEC/EN 60947-5-1, annex K |
| Short-circuit protective device | | Fuse 6 A gG |
| Protection class | | II, totally insulated |

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Technical Data



| Mechanical data | | |
|-------------------------|--|--|
| Enclosure | PA6 (glass fibre reinforced) | |
| Cover | PA6 (glass fibre reinforced) | |
| Actuator | Roller (steel) | |
| 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 | Front mounting with 2 x hexagonal nut M14 x 1 SW21 | |
| Connection | Cable 4 x 0,75 mm ² | |
| Weight | ≈ 0,21 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 4 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

cCSA{US} A300, Q300

Notes

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