



SCHALTBAU

Connect · Contact · Control

PRODUCT INFORMATION

S 870

with screw type connection
and positive opening



Features:

- Screw terminals with captive screws
- Actuators available in many versions
- Self cleaning contacts
- Snap mechanism with high shock and vibration resistance

Applications:

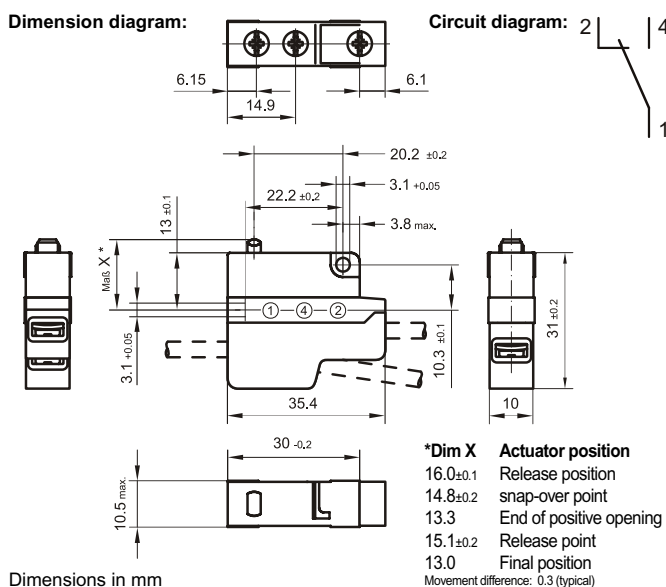
- Safety switch in control units
- Auxiliary switch e.g. in camshaft gears and control devices
- Limit switch for use on machines, door and plant-controls

Standards:

- DIN VDE 0660 part 200 (8/98), incl. appendix K
- UL, plastics UL 94 V-0

For further information and other designs please see Leaflet D70e

Dimension diagram, Circuit diagram



Technical Data

Conventional thermal current I_{th}	10 A
Rated insulation voltage U_i at contamination degree 3	250 V
Contact material	Silver or gold
Contact force	0.3 N min.
Actuation force	2.4 N min.
Release force	0.5 N min.
Mechanical life	10 Mio. cycles min.
Terminals	Captive screw M3 for 1 or 2 leads per terminal without end sleeve: 0.5 .. 1.5 mm ² with end sleeve: 0.5 .. 1.5 mm ²
Torque of terminal screws	1 Nm max.
Protection	Terminals IP20B contact area IP40
Temperature range	-40°C to +85°C
Dimensions (L x W x H)	30 x 10 x 31 mm
Weight	14 g

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We reserve the right to make technical changes without prior notice.
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