

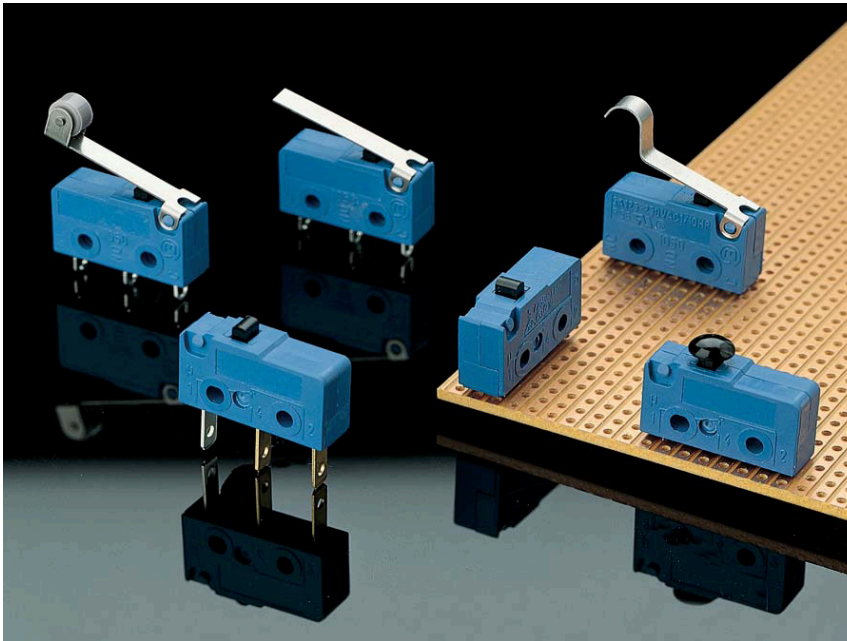
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# SERIES 1050 - ENCLOSED SNAP ACTION SWITCHES

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UP TO 10 (1,5) A 250 V~

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## PRODUCT ADVANTAGES

- ◆ Small snap action switches in size DIN 41635 design B
- ◆ Maximum functional reliability by tension spring contact system
- ◆ Precise switching accuracy with long life endurance
- ◆ Special shape of the PCB terminals for better automatic soldering
- ◆ The versions with mushroom-head actuators can be approached from all sides
- ◆ The standard program includes a number of different ratings and terminal versions
- ◆ The optional actuators made of chrome-nickel-steel are available in different shapes and lengths. These can easily be retrofitted.

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## SWITCHING FUNCTIONS

- ◆ Change-over
- ◆ Normally open
- ◆ Normally closed

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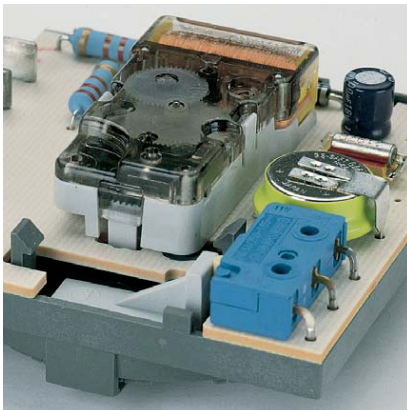
## TERMINAL VERSIONS

- ◆ Quick-connect terminal 2.8 x 0.5 mm
- ◆ Solder terminal
- ◆ PCB terminal
- ◆ Angled PCB terminal

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## VERSIONS ON REQUEST

- ◆ With longer over-travel
- ◆ Approved to T 125
- ◆ With increased or reduced movement differential
- ◆ With gold-plated contacts
- ◆ With electrical rating  
2 (2) A 250 V~ 25E3  
Actuating force  $\leq 2,2$  N
- ◆ With electrical rating  
6 (2) A 250 V~ 25E3



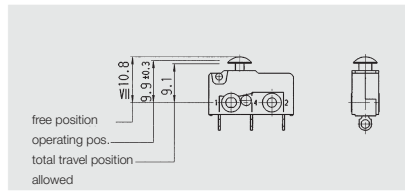


# SERIES 1050 - ENCLOSED SNAP ACTION SWITCHES

## UP TO 10 (1,5) A 250 V~

### MUSHROOM HEAD ACTUATOR

Actuating force  $\leq 1,5$  N



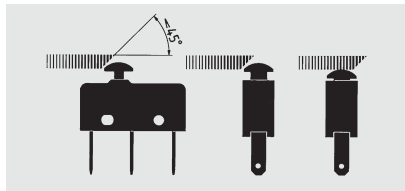
mov. differential max. 0.2 mm  
pre-travel max. 1.2 mm  
over-travel min. 0.5 mm

5 A 250 V~ 50E3  
5 A 125-250 VAC 1/10 HP

**Change-over**  
 1050.1202\*  
 1050.0202\*  
 1050.2202\*

2 (0,5) A 250 V~ 25E3  
2 A 125-250 VAC

**Contacts gold-plated**  
 1050.4251



The mushroom head actuator allows actuation from all sides in addition to vertical actuation from above.

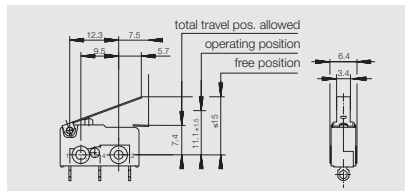
An angle of  $< 45^\circ$  is necessary on the actuating element for such applications (angle for versions with longer over-travel on request). To keep the friction as low as possible, we recommend that you use materials with a low friction coefficient. The surface of the actuating element should be polished.

The mechanical life depends on the material and surface properties as well as on the design of the slide.

### VERSION WITH OPTIONAL ACTUATOR

Actuating force  $\leq 0,5$  N  
[Actuating force  $\leq 0,6$  N]

5 A 250 V~ 50E3  
5 A 125-250 VAC 1/10 HP

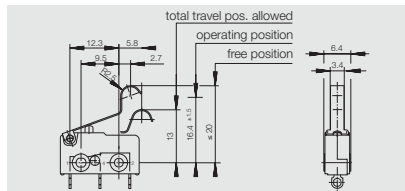


mov. differential max. 1.0 mm  
pre-travel max. 5.4 mm  
over-travel min. 2.2 mm

**Change-over**  
 1050.5202\*  
 1050.7202\*

2 (0,5) A 250 V~ 25E3  
2 A 125-250 VAC

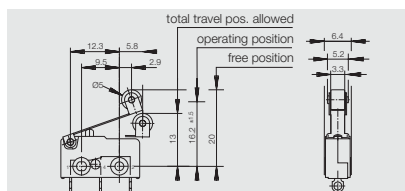
**Contacts gold-plated**  
 1050.6251  
 1050.5251\*



mov. differential max. 1.0 mm  
pre-travel max. 5.1 mm  
over-travel min. 1.9 mm

5 A 250 V~ 50E3  
5 A 125-250 VAC 1/10 HP

**Change-over**  
 [1050.5502\*]



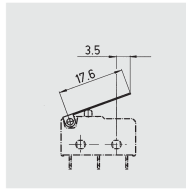
mov. differential max. 1.0 mm  
pre-travel max. 5.3 mm  
over-travel min. 1.7 mm

5 A 250 V~ 50E3  
5 A 125-250 VAC 1/10 HP

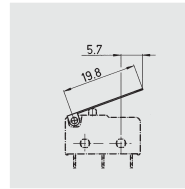
**Change-over**  
 [1050.6702\*]  
 [1050.5702\*]  
 [1050.7702\*]

## OPTIONAL METAL LEVERS

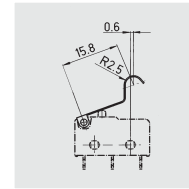
These optional metal levers are available as accessory parts for retrofitting.



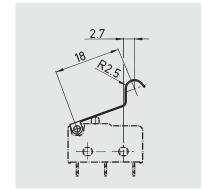
191 071 011\*



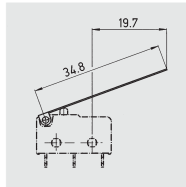
191 071 021\*



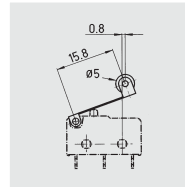
191 071 041\*



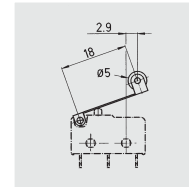
191 071 051\*



191 071 101\*



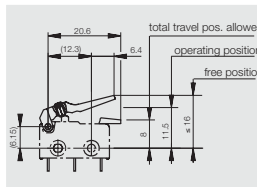
191 078 013\*



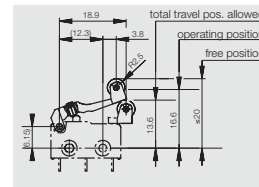
191 078 023\*

## OPTIONAL PLASTIC LEVERS

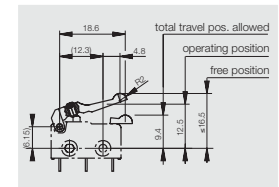
These optional plastic levers are available as accessory parts for retrofitting..



190 075 013\*

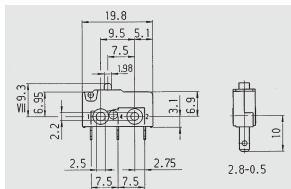


190 072 013\*

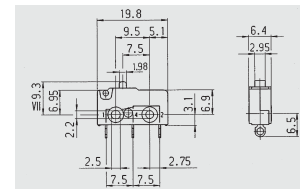


190 074 013\*

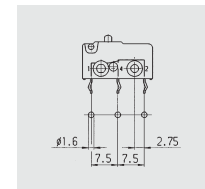
## DIMENSIONED DRAWINGS



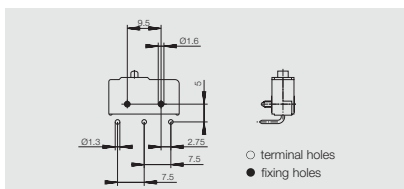
□ quick-connect



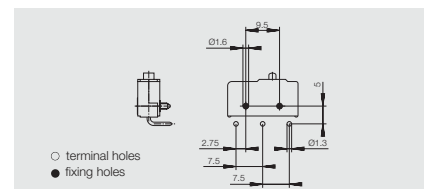
⊖ solder terminal



⌋ bent PCB terminal



⌋ angled PCB-terminal to socket side (left)



⌋ angled PCB-terminal to cover side (right)