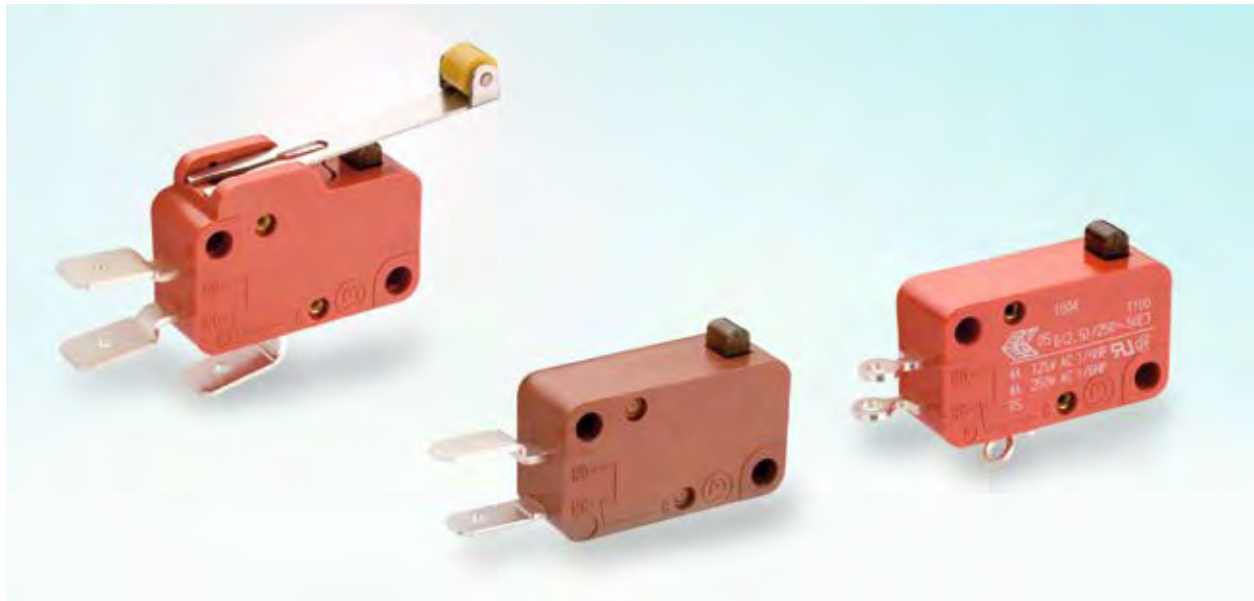




# SERIES 1005 - MINIATURE SNAP-ACTION SWITCHES

TO 21 (8) A 250 V AC



## PRODUCT FEATURES

- Friction contact system whose shearing movement can loosen welding
- Very high inrush currents (capacitive)
- Contact distances less and greater than 3 mm
- Operating forces from 0.2 to 4.2 N

## ON REQUEST

- Material conformant with the filament wire test acc. to IEC 60335-1:2001 chap. 30
- Side bearing terminal
- Electrical rating 16 (16) A 250 V 5E4 for normally closed and normally open version




























|   |   |
|---|---|
| Design  | DIN 41635 A   |
| Mechanical life endurance   | 5E6 version with lever or contact spacing > 3 mm<br>10E6 standard version<br>5E4 version with curved spring steel lever                       |
| Contact resistance (new condition)  | < 100 mOhm (1 A 12 V DC)  |
| Insulation resistance (new condition)   | > 100 MOhm (500 V DC)   |
| Proof tracking  | 250 PTI   |
| Ambient temperature   | -40 °C ... +100 °C on request ... +125 °C ... +85 °C  |
| Flammability  | UL 94 (housing: V-0, actuator: V-2)<br>UL 94 V-2  |
| Glow wire test temperature  | 850 °C  |
| Material additional actuator housing terminals  | galvanized steel / spring steel / stainless steel<br>Duroplast type 182 / PA glass fiber-reinforced / PA Latamid<br>silver plated / chromated |
| Bounce time   | < 10 ms   |
| Approval marks  |   |
| Suitable for appliances of protection class II under compliance with the installation conditions required on the equipment side |   |

ROCKERSWITCHES  
 PUSHBUTTON SWITCHES  
 TOGGLE SWITCHES  
 SLIDE SWITCHES  
 ROTARY SWITCHES  
 FOOT SWITCHES  
 TACT AND KEY SWITCHES  
 SNAP-ACTION SWITCHES  
 MICRO-SIGNAL SWITCHES  
 SENSORS  
 ECO  
 PUSH IN DRIVE



# SERIES 1005 - MINIATURE SNAP-ACTION SWITCHES
































TO 21 (8) A 250 V AC

|   | Normally closed contact (SPNC)  |   |   | Normally open contact (SPNO)  |   |   | Changeover switch (SPDT momentary)   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|--|---|---|---|---|---|---|
|  | 1005.1105   | 1005.1101   | 1006.3402   | 1005.2809   | 1005.1207   | 1005.1226   | 1005.2505  | 1005.0904   | 1005.1204   | 1005.1201   | 1005.4001   | 1005.0404   | 1005.1004   |
| 21 (8) A 250 V AC 25E3  |   |   |   | ○   |   |   |  |   |   |   |   |   |   |
| 20 (4) A 400 V AC 1E4   |   |   |   |   | ○   |   |  |   |   |   |   | ○   | ○   |
| 16 (16) A 250 V AC 5E4  |   |   |   |   |   | ○   |  |   |   |   |   |   |   |
| 16 (4) A 400 V AC 5E4   |   |   |   |   | ○   |   |  |   |   |   |   | ○   | ○   |
| 16 (4) A 250 V AC 5E4   |   |   |   | ○   |   |   |  |   |   |   |   |   |   |
| 16 (4) A 250 V AC 25E3  |   |   |   |   |   |   | ○  |   |   |   |   |   |   |
| 12 (12) A 250 V AC 5E4  |   |   |   |   |   |   |  | ○   |   |   |   |   |   |
| 10 (6) A 250 V AC 5E4   | ○   |   |   |   | ○   |   |  | ○   | ○   |   |   | ○   | ○   |
| 10 (4) A 400 V AC 1E4   |   | ○   | ○   |   |   |   |  |   |   | ○   | ○   |   |   |
| 10 (4) A 250 V AC 5E4   |   |   |   |   |   |   |  |   |   |   |   |   |   |
| 8 (8) A 250 V AC 5E4  |   |   |   | ○   |   |   |  |   |   |   |   |   |   |
| 6 (2.5) A 400 V AC 5E4  |   | ○   | ○   |   |   |   |  |   |   | ○   | ○   |   |   |
| 6 (2.5) A 250 V AC 5E4  |   |   |   |   |   |   |  |   |   |   |   |   |   |
| 21 A 250 V AC 2 HP  |   |   |   | ○   |   |   |  |   |   |   |   |   |   |
| 21 A 125 V AC 1 HP  |   |   |   | ○   |   |   |  |   |   |   |   |   |   |
| 16 A 250 V AC 2 HP  |   |   |   |   |   | ○   |  |   |   |   |   |   |   |
| 16 A 125 V AC 1 HP  |   |   |   |   |   | ○   |  |   |   |   |   |   |   |
| 16 A 125 - 250 V AC 1/2 HP  |   |   |   |   | ○   |   | ○  |   |   |   |   | ○   | ○   |
| 10 A 125 - 250 V AC 1/2 HP  | ○   |   |   |   |   |   |  | ○   | ○   |   |   |   |   |
| 10 A 125 - 250 V AC 1/4 HP  |   | ○   | ○   |   |   |   |  |   |   | ○   | ○   |   |   |
| 8 A 125 - 250 V AC 1/3 HP   |   |   |   |   |   |   |  |   |   |   |   |   |   |
| 4 A 125 - 250 V AC 1/6 HP   |   |   |   |   |   |   |  |   |   |   |   |   |   |
| Terminal type   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Terminal description  | 6.3   | 6.3   | 6.3   | 4.8 top side  | 6.3   | 6.3 straight  | 4.8 straight   |   | 6.3   | 6.3   |   |   | 6.3   |
| Contact distance (mm)   | Ag > 3  | Ag < 3  | Ag > 3  | Ag > 3  | Ag < 3  | Ag < 3  | Ag > 3   | Ag > 3  | Ag > 3  | Ag < 3  | Ag < 3  | Ag < 3  | Ag < 3  |
| Contact material  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag   | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  |
| Operating force (N)   | 2.6 - 4.2   | 1.5 - 2.5   | 1.6 - 2.8   | 2.4 - 3.8   | 2.4 - 3.8   | 2.4 - 3.8   | 3.5 - 4.9  | 2.4 - 3.8   | 2.4 - 3.8   | 1.5 - 2.5   | 1.5 - 2.5   | 2.4 - 3.8   | 2.4 - 3.8   |
| Operating position (OP) (mm)  | 14.6 ± 0.4  | 14.8 ± 0.4  | 20.5 ± 0.4  | 14.5 ± 0.3  | 14.7 ± 0.5  | 14.7 ± 0.5  | 14.4 ± 0.3   | 14.4 ± 0.3  | 14.4 ± 0.3  | 14.7 ± 0.5  | 14.7 ± 0.5  | 14.7 ± 0.5  | 14.7 ± 0.5  |
| Difference travel max. (mm)   | 1.0   | 0.3   | 1.0   | 1.2   | 0.3   | 0.3   | 1.2  | 1.2   | 1.2   | 0.3   | 0.3   | 0.3   | 0.3   |
| Free position (FP) max. (mm)  | 16  | 16  | 22.0  | 16  | 16  | 16  | 16   | 16  | 16  | 16  | 16  | 16  | 16  |
| Permissible total travel position (TP) (mm)                                       | 13.4  | 13.4  | 19.3  | 13.4  | 13.4  | 13.4  | 13.4   | 13.4  | 13.4  | 13.4  | 13.4  | 13.4  | 13.4  |
| Actuator description  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lever drawing   |   |   | L21   |   |   |   |  |   |   |   |   |   |   |
| Miscellaneous   |   |   |   |   |   |   |  |   |   |   |   |   |   |
| Stock version   | ○   | ○   |   |   | ○   |   |  |   | ○   |   |   | ○   | ○   |



# SERIES 1005 - MINIATURE SNAP-ACTION SWITCHES

TO 21 (8) A 250 V AC
















|   | Changeover switch (SPDT momentary)  |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1006.1514   | 1005.0507   | 1005.1010  | 1004.0509   | 1005.0101   | 1005.0401   | 1005.1001   | 1005.3501   | 1006.0701   | 1006.0901   | 1006.1011   | 1006.1101   | 1006.1201   | 1006.1301   | 1006.1401   |
| 21 (8) A 250 V AC 25E3  | ○   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| 20 (4) A 400 V AC 1E4   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| 16 (16) A 250 V AC 5E4  | ○   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| 16 (4) A 400 V AC 5E4   |   | ○   | ○  |   |   |   |   |   |   |   |   |   |   |   |   |
| 16 (4) A 250 V AC 5E4   |   |   |  | ○   |   |   |   |   |   |   |   |   |   |   |   |
| 12 (12) A 250 V AC 5E4  |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| 10 (6) A 250 V AC 5E4   | ○   | ○   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| 10 (4) A 400 V AC 1E4   |   |   |  |   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   |
| 10 (4) A 250 V AC 5E4   |   |   |  | ○   |   |   |   |   |   |   |   |   |   |   |   |
| 8 (8) A 250 V AC 5E4  |   |   | ○  |   |   |   |   |   |   |   |   |   |   |   |   |
| 6 (2.5) A 400 V AC 5E4  |   |   |  |   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   |
| 6 (2.5) A 250 V AC 5E4  |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| 21 A 250 V AC 2 HP  |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| 21 A 125 V AC 1 HP  |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| 16 A 250 V AC 2 HP  |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| 16 A 125 V AC 1 HP  |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| 16 A 125 - 250 V AC 1/2 HP  | ○   | ○   |  | ○   |   |   |   |   |   |   |   |   |   |   |   |
| 10 A 125 - 250 V AC 1/2 HP  |   |   | ○  |   |   |   |   |   |   |   |   |   |   |   |   |
| 10 A 125 - 250 V AC 1/4 HP  |   |   |  |   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○   |
| 8 A 125 - 250 V AC 1/3 HP   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| 4 A 125 - 250 V AC 1/6 HP   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |
| Terminal type   |  |  |   |    |    |    |    |    |    |    |    |    |    |    |    |
| Terminal description  | 6.3   |   | 6.3  |   | M3  |   | 6.3   |   |   |   |   | 6.3   | 6.3   | 6.3   | 6.3   |
| Contact distance (mm)   | Ag < 3  | Ag < 3  | Ag > 3   | Ag < 3  | Ag < 3  | Ag < 3  | Ag < 3  | Ag < 3  | Ag < 3  | Ag < 3  | Ag < 3  | Ag < 3  | Ag < 3  | Ag < 3  | Ag < 3  |
| Contact material  | Ag  | Ag  | Ag   | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  |
| Operating force (N)   | 1.2 - 2.1   | 2.4 - 3.8   | 2.4 - 3.8  | 0.8 - 1.8   | 1.5 - 2.5   | 1.5 - 2.5   | 1.5 - 2.5   | 1.5 - 2.5   | 1.5 - 2.5   | 0.8 - 1.4   | 0.7 - 1.25  | 1.5 - 2.5   | 1.5 - 2.5   | 0.3 - 0.55  | 0.8 - 1.4   |
| Operating position (OP) (mm)  | 20.8 ± 1.2  | 14.7 ± 0.5  | 14.4 ± 0.3   | 14.7 ± 0.5  | 14.7 ± 0.5  | 14.7 ± 0.5  | 14.7 ± 0.5  | 14.7 ± 0.5  | 20.8 ± 0.5  | 15.4 ± 1.2  | 20.8 ± 1.2  | 15.3 ± 0.5  | 20.8 ± 0.5  | 15.7 ± 2.7  | 15.4 ± 1.2  |
| Difference travel max. (mm)   | 0.9   | 0.3   | 1.2  | 0.1 - 0.25  | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.7   | 0.9   | 0.3   | 0.3   | 1.8   | 0.7   |
| Free position (FP) max. (mm)  | 23.5  | 16  | 16   | 16  | 16  | 16  | 16  | 16  | 22.1  | 18.2  | 23.5  | 16.6  | 22.1  | 21.5  | 18.2  |
| Permissible total travel position (TP) (mm)                                       | 18  | 13.4  | 13.4   | 13.4  | 13.4  | 13.4  | 13.4  | 13.4  | 19.5  | 12.6  | 18  | 14  | 19.5  | 9.8   | 12.6  |
| Actuator description  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lever drawing   | L12   |   |  |   |   |   |   |   | L11   | L02   | L12   | L01   | L11   | L04   | L02   |
| Miscellaneous   |   |   |  | milled bearing blade  |   |   |   |   |   |   |   |   |   |   |   |
| Stock version   |   |   |  |   | ○   | ○   | ○   |   | ○   | ○   |   |   | ○   | ○   | ○   |

ROCKER SWITCHES  
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TOGGLE SWITCHES  
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ROTARY SWITCHES  
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TACT AND KEY SWITCHES  
SNAP-ACTION SWITCHES  
MICRO-SIGNAL SWITCHES  
SENSORS  
ECO  
PUSH IN DRIVE



# SERIES 1005 - MINIATURE SNAP-ACTION SWITCHES

TO 21 (8) A 250 V AC

|   | Changeover switch (SPDT momentary)  |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
|   | 1006.1511   | 1006.1801   | 1006.4103   | 1006.4203   | 1004.4601   | 1004.0402   | 1004.1002   |
|  |   |   |   |   |   |   |   |
| 21 (8) A 250 V AC 25E3  |   |   |   |   |   |   |   |
| 20 (4) A 400 V AC 1E4   |   |   |   |   |   |   |   |
| 16 (16) A 250 V AC 5E4  |   |   |   |   |   |   |   |
| 16 (4) A 400 V AC 5E4   |   |   |   |   |   |   |   |
| 16 (4) A 250 V AC 5E4   |   |   |   |   |   |   |   |
| 16 (4) A 250 V AC 25E3  |   |   |   |   |   |   |   |
| 12 (12) A 250 V AC 5E4  |   |   |   |   |   |   |   |
| 10 (6) A 250 V AC 5E4   |   |   |   |   |   |   |   |
| 10 (4) A 400 V AC 1E4   | ○   | ○   | ○   | ○   |   |   |   |
| 10 (4) A 250 V AC 5E4   |   |   |   |   | ○   |   |   |
| 8 (8) A 250 V AC 5E4  |   |   |   |   |   |   |   |
| 6 (2.5) A 400 V AC 5E4  | ○   | ○   | ○   | ○   |   |   |   |
| 6 (2.5) A 250 V AC 5E4  |   |   |   |   |   | ○   | ○   |
| 21 A 250 V AC 2 HP  |   |   |   |   |   |   |   |
| 21 A 125 V AC 1 HP  |   |   |   |   |   |   |   |
| 16 A 250 V AC 2 HP  |   |   |   |   |   |   |   |
| 16 A 125 V AC 1 HP  |   |   |   |   |   |   |   |
| 16 A 125 - 250 V AC 1/2 HP  |   |   |   |   |   |   |   |
| 10 A 125 - 250 V AC 1/2 HP  |   |   |   |   |   |   |   |
| 10 A 125 - 250 V AC 1/4 HP  | ○   | ○   | ○   | ○   |   |   |   |
| 8 A 125 - 250 V AC 1/3 HP   |   |   |   |   | ○   |   |   |
| 4 A 125 - 250 V AC 1/6 HP   |   |   |   |   |   | ○   | ○   |
| Terminal type   |  |  |  |  |  |  |  |
| Terminal description  | 6.3   | 6.3   |   |   | 6.3   |   | 6.3   |
| Contact distance (mm)   | < 3   | < 3   | < 3   | < 3   | < 3   | < 3   | < 3   |
| Contact material  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  |
| Operating force (N)   | 0.7 - 1.25  | 1.5 - 2.5   | 1.5 - 2.5   | 1.5 - 2.5   | 0.5 - 1.1   | 0.2 - 0.6   | 0.2 - 0.6   |
| Operating position (OP) (mm)  | 20.8 ± 1.2  | 22 ± 1  | 20.8 ± 0.5  | 20.8 ± 0.5  | 20.8 ± 0.5  | 14.7 ± 0.5  | 14.7 ± 0.5  |
| Difference travel max. (mm)   | 0.9   | 0.6   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   |
| Free position (FP) max. (mm)  | 23.5  | 24.5  | 22.1  | 22.1  | 22.1  | 16  | 16  |
| Permissible total travel position (TP) (mm)                                       | 18  | 18.5  | 19.5  | 19.5  | 19.5  | 13.4  | 13.4  |
| Actuator description  |  |  |  |  |  |  |  |
| Lever drawing   | L12   | L31   | L11   | L11   | L11   |   |   |
| Miscellaneous   |   |   |   |   | milled bearing blade  | milled bearing blade  | milled bearing blade  |
| Stock version   | ○   |   |   |   |   | ○   | ○   |

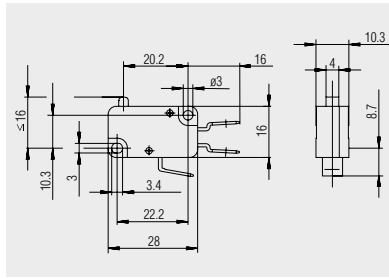


# SERIES 1005 - MINIATURE SNAP-ACTION SWITCHES

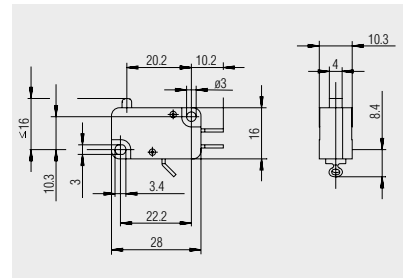
TO 21 (8) A 250 V AC



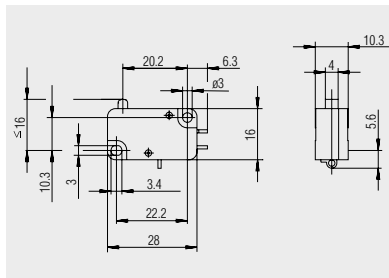
Basic type 1005



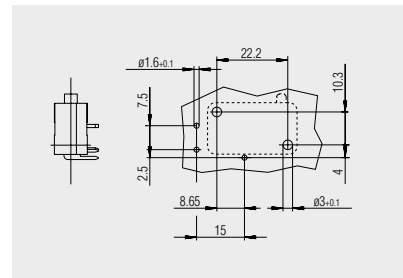
 Quick-connect terminal 6.3 x 0.8




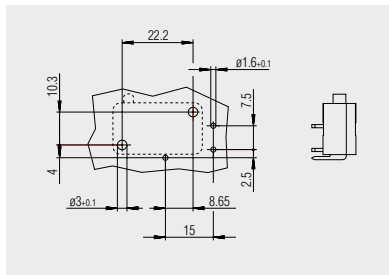
 Solder terminal




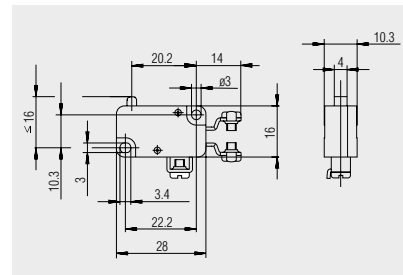
 Short solder terminal




 PCB terminal (cover side)  
right angled



 PCB terminal (base side)  
left angled



 Screw terminal M3

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH-N-DRIVE

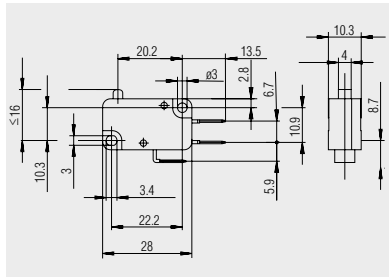


# SERIES 1005 - MINIATURE SNAP-ACTION SWITCHES

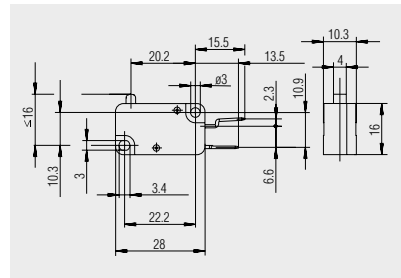
TO 21 (8) A 250 V AC



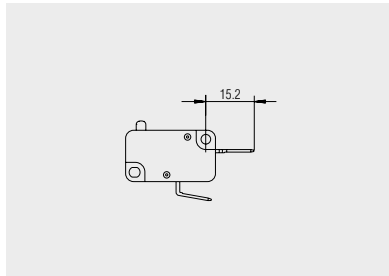
Basic type 1005



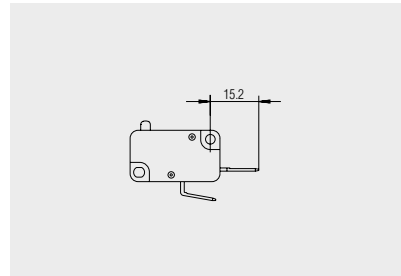
Quick-connect terminal 4.8 x 0.8 straight



Quick-connect terminal 4.8 x 0.8 top side



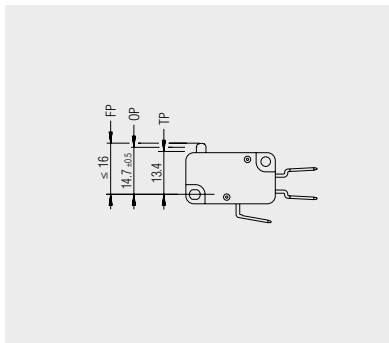
Quick-connect terminal 6.3 x 0.8 normally open contact version



Quick-connect terminal 6.3 x 0.8 normally closed contact version



Basic types 1004 and 1005 switching positions



FP: free position

OP: operating position

TP: permissible total travel position

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH'N'DRIVE

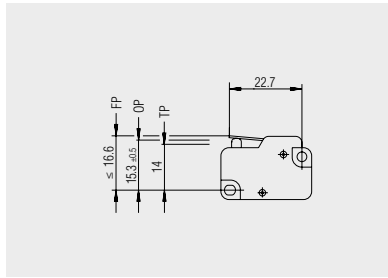


# SERIES 1005 - MINIATURE SNAP-ACTION SWITCHES

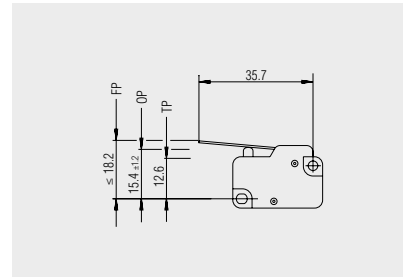
TO 21 (8) A 250 V AC



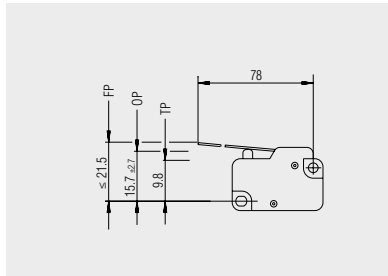
Basic type 1006  
auxiliary actuator



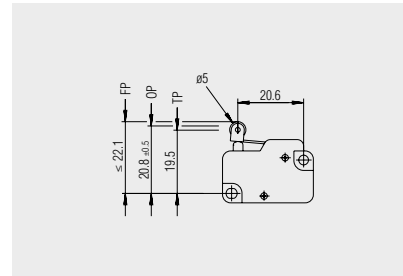
L01: straight lever



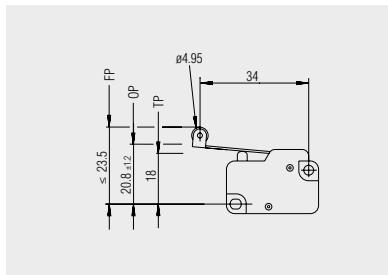
L02: straight lever



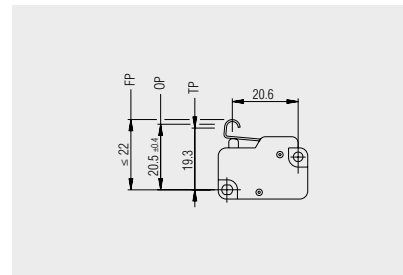
L04: straight lever



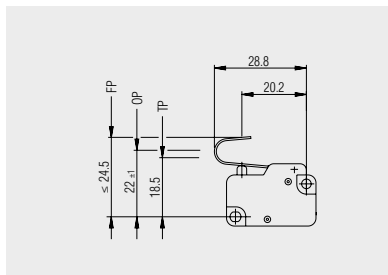
L11: roller lever



L12: roller lever



L21: simulated roller



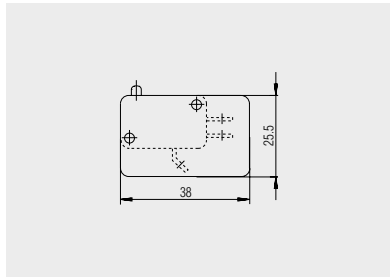
L31: spring lever

ROCKER SWITCHES  
PUSHBUTTON SWITCHES  
TOGGLE SWITCHES  
SLIDE SWITCHES  
ROTARY SWITCHES  
FOOT SWITCHES  
TACT AND KEY SWITCHES  
SNAP-ACTION SWITCHES  
MICRO-SIGNAL SWITCHES  
SENSORS  
ECO  
PUSH 'N' DRIVE

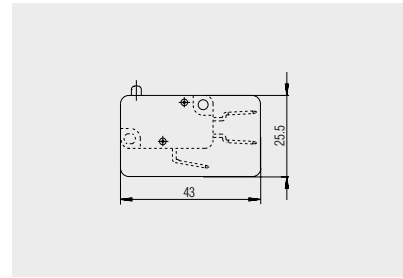


# SERIES 1005 - MINIATURE SNAP-ACTION SWITCHES

TO 21 (8) A 250 V AC

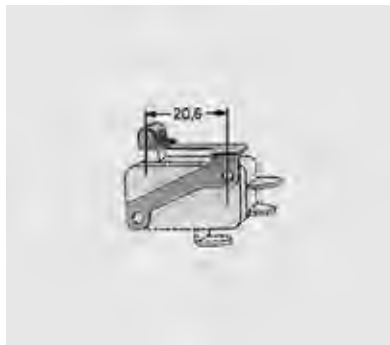


Insulating plate for solder terminal  
0.5 mm: 231.009.011



Insulating plate for quick-connect terminal  
0.5 mm: 231.010.011  
0.8 mm: 231.010.021

Additional parts



Stainless spring steel

Lever 20.6 long with roller diameter  
5 out of PA yellow (to be mounted  
lateral with the switch using screws)

191.013.013

Further information under

[WWW.MARQUARDT-SWITCHES.COM](http://WWW.MARQUARDT-SWITCHES.COM)

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

**SNAP-ACTION SWITCHES**

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH'N'DRIVE

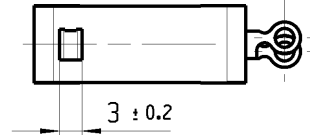
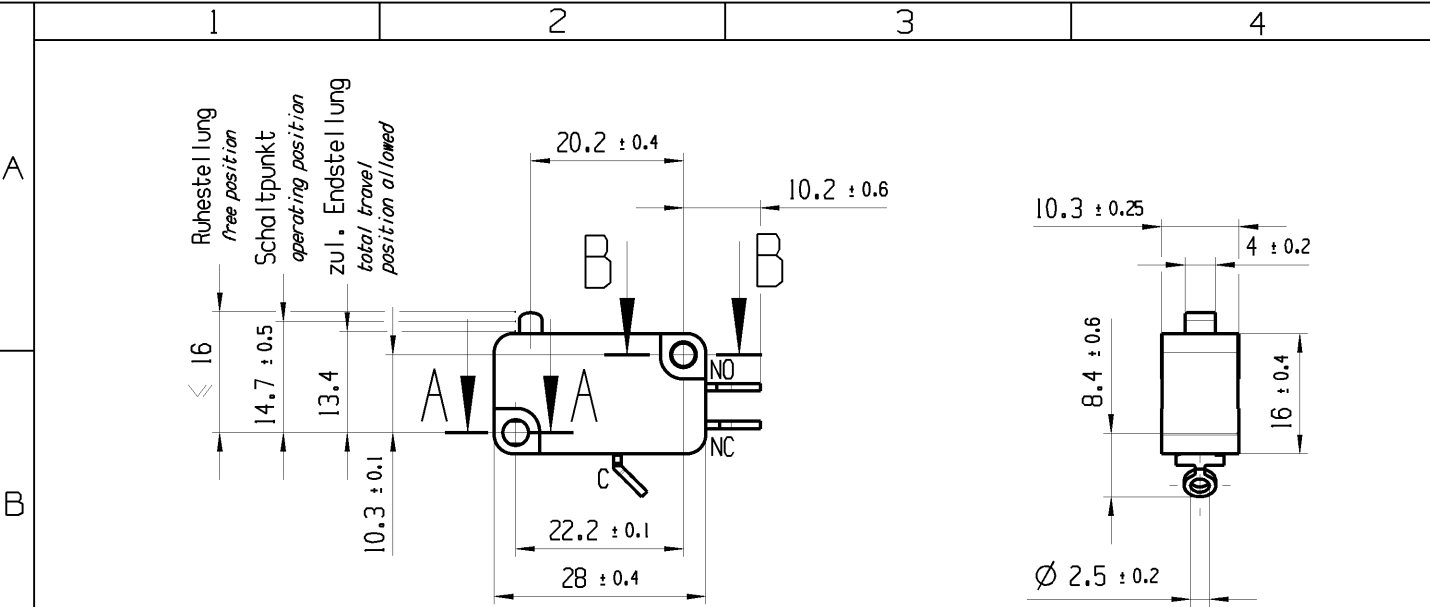


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VERTRAULICH

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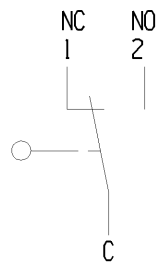
A-A  
2:1

B-B  
2:1

Aufschrift  
marking

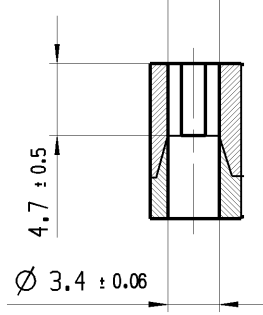
1004 µ T100  
6(2.5) /250~50E3 05

4A 125V AC 1/6HP  
4A 250V AC 1/6HP  
R5

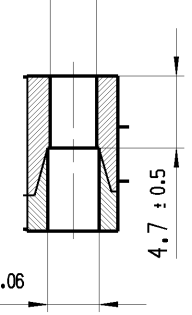


Herstellort / -jahr / -woche  
date code of manufacture:  
place / year / week

3.35 ± 0.05 x 3.08 ± 0.06



Ø 3.08 ± 0.06



Wechsler 1-polig  
single pole changeover  
Schalt-Betaetigungskraft 0.2 bis 0.6 N  
actuating force 0.2 up to 0.6 N  
Differenzweg ≤ 0.3 mm  
movement differential

|                                       |                        |   |  |                    |                     |            |                |  |                              |         |
|---------------------------------------|------------------------|---|--|--------------------|---------------------|------------|----------------|--|------------------------------|---------|
| fuer Form und Lage FOR SHAPE AND LOC. | ⊙ =                    | Allgemeintoleranzen UNTOLERANCED DIMENSIONS |  |                    |                     | Pause COPY | Blatt SHEET 01 | TYP K  | Zeichn./DRAWING NO. 10040402 | Index 9 |
|                                       | fuer Winkel FOR ANGLE. | PROJEKTION                                  | Abmasse und Nennmassbereiche Angaben in mm | Laenge LENGTH      | Radial RADII        |            |                |  |                              |         |
|                                       |                        |   | 0-6 ± 0.1 ± 0.2                            | >6-15 ± 0.15 ± 0.3 | >15-30 ± 0.2 ± 0.5  |            |                | SCHNAPPSCHALTER                                  |                              |         |
|                                       |                        |   | ALL DIMENSIONS ARE IN MILLIMETRES          | >30-70 ± 0.3       | >70-120 ± 0.4 ± 10% |            |                | snap action switch                               |                              |         |
|                                       |                        |   |  | >120 ± 0.8         |                     |            |                | Ersatz fuer/REPLACEMENT OF Zg.gl.Nr.v.17.03.2000 |                              |         |
| g                                     | 85442                  | 02.10.13                                    | BRC  |                    |                     |            |                | CAD: NX v6.0                                     |                              |         |
| r                                     | 29115                  | 17.03.00                                    | PFU  |                    |                     |            |                | gez./DRAWN BY 12.06.13 BCY                       |                              |         |
| e                                     | 21670                  | 11.08.92                                    | BLE  |                    |                     |            |                | gepr./CHECKED BY                                 |                              |         |
| Ausg. ISSUE                           | Aenderung REVISION     | gez. DRAWN BY                               | Ausg. ISSUE                                | Aenderung REVISION | gez. DRAWN BY       |            |                | MARQUARDT  |                              |         |