



SERIES 1019 - SINGLE-POLE SNAP-ACTION SWITCHES

TO 6 (2) A 250 V AC






PRODUCT FEATURES

- Snap-action switches with and without housing
- Contact distance > 3 mm
- Normally open contact and normally closed contact version

ON REQUEST

- Gold-plated contacts
- Customized lever variants

| | |
|---|--|
| Mechanical life endurance | 20E4 |
| 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 ... +85 °C |
| Flammability | UL 94 (socket, lever: V-0, actuator: V-2) |
| Glow wire test temperature | 850 °C |
| Material actuator housing terminals | PA glass fiber-reinforced / PA PA glass fiber-reinforced silver plated |
| Contact distance | > 3 mm |
| Approval marks |  /  housing variants /  |
| Suitable for appliances of protection class II under compliance with the installation conditions required on the equipment side | |

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-IN DRIVE



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TO 6 (2) A 250 V AC

|  | | 6 (2) A 250 V AC 1E4 | 5 A 125 - 250 V AC | Terminal type | Terminal description | Contact material | Operating force (N) | Operating position (OP) (mm) | Difference travel max. (mm) | Free position (FP) max. (mm) | Permissible total travel position (TP) (mm) | Actuator description | Miscellaneous | Stock version |
|---|---|----------------------|---|---------------|----------------------|------------------|---------------------|------------------------------|-----------------------------|------------------------------|---|----------------------|---------------|---------------|
| Normally closed contact (SPNC) | | | | | | | | | | | | | | |
| 1019.3101 | ○ | |  | 2.8 | Ag | 0.9 - 1.7 | 6.3 ±0.8 | 2.4 | 1 | 10.5 |  | | | |
| 1019.5501 | ○ | ○ |  | 2.8 | Ag | 0.9 - 1.7 | 6.3 ±0.8 | 2.4 | 1 | 10.5 |  | with housing | | |
| 1019.5601 | ○ | ○ |  | 2.8 | Ag | 1.5 - 3 | 2.4 ±0.6 | 1.2 | 4.7 | 0 |  | with housing | ○ | |
| Normally open contact (SPNO) | | | | | | | | | | | | | | |
| 1019.0101 | ○ | |  | 2.8 | Ag | 1.5 - 3 | 2.4 ±0.6 | 1.2 | 4.7 | 0.5 |  | | | |
| 1019.0201 | ○ | |  | | Ag | 1.5 - 3 | 2.4 ±0.6 | 1.2 | 4.7 | 0.5 |  | | | |
| 1019.0301 | ○ | |  | | Ag | 1.5 - 3 | 2.4 ±0.6 | 1.2 | 4.7 | 0.5 |  | | | |
| 1019.2101 | ○ | |  | 2.8 | Ag | 0.9 - 1.7 | 6.3 ±0.8 | 2.4 | 1 | 10.5 |  | | | ○ |
| 1019.5101 | ○ | ○ |  | 2.8 | Ag | 1.5 - 3 | 2.4 ±0.6 | 1.2 | 4.7 | 0 |  | with housing | ○ | |
| 1019.5401 | ○ | ○ |  | 2.8 | Ag | 0.9 - 1.7 | 6.3 ±0.8 | 2.4 | 1 | 10.5 |  | with housing | | |

Further information under

WWW.MARQUARDT-SWITCHES.COM

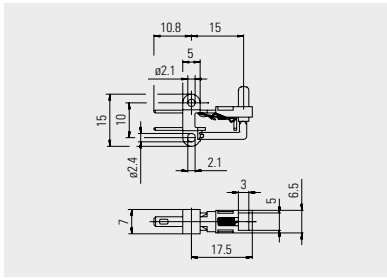


SERIES 1019 - SINGLE-POLE SNAP-ACTION SWITCHES

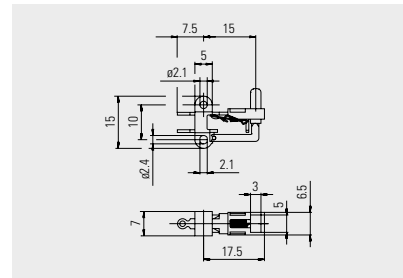
TO 6 (2) A 250 V AC



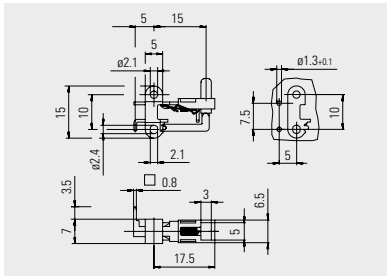
Open design with pushbutton



Quick-connect terminal 2.8 x 0.8



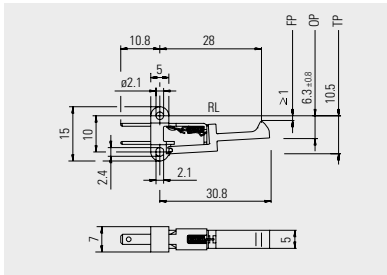
Solder terminal



PCB terminal
left angled



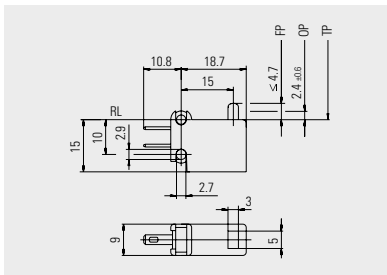
Open form with lever



Quick-connect terminal 2.8 x 0.8



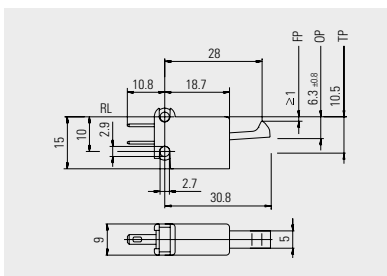
Closed design with pushbutton



Quick-connect terminal 2.8 x 0.8

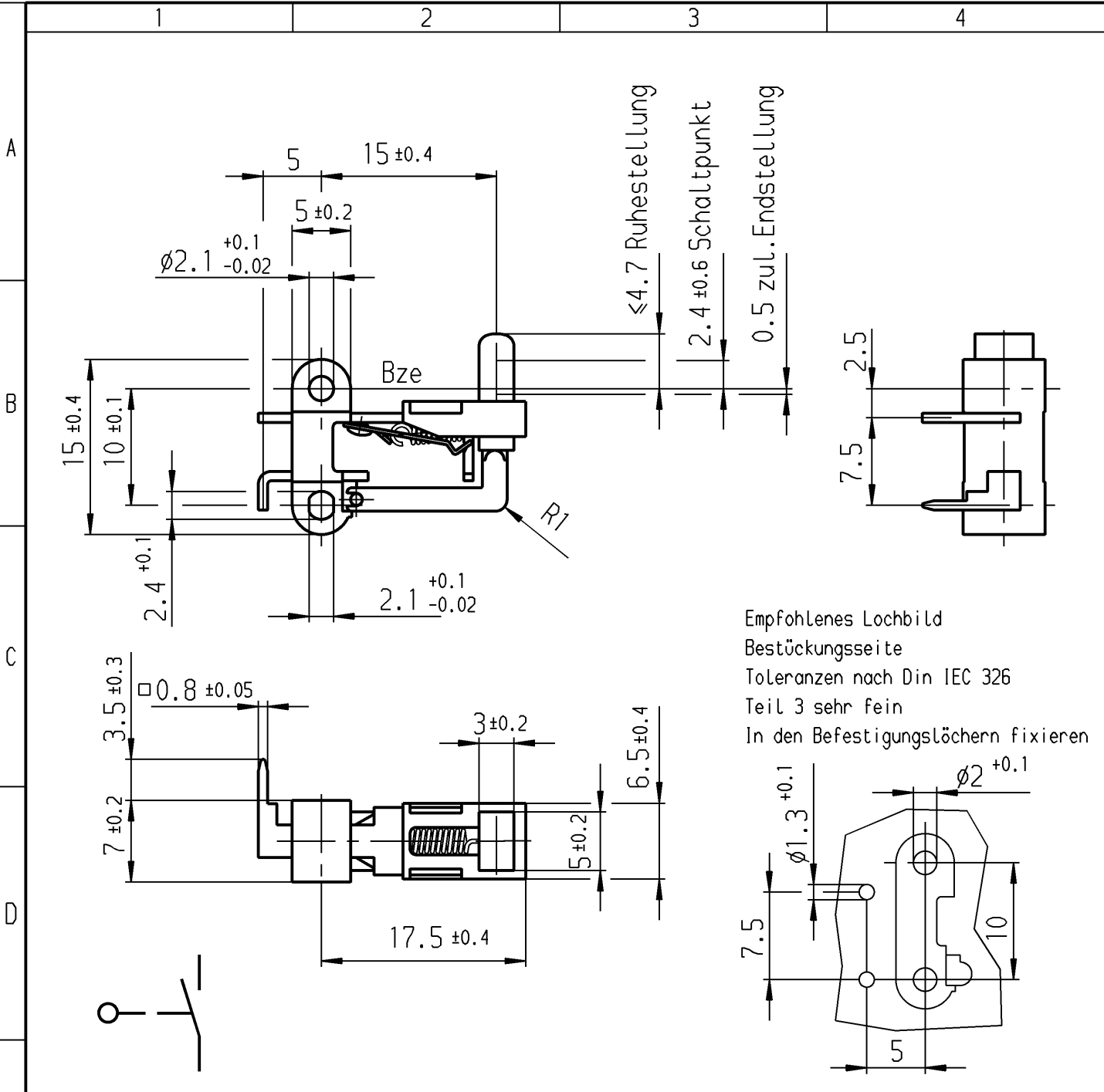


Closed design with lever

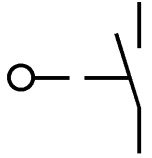
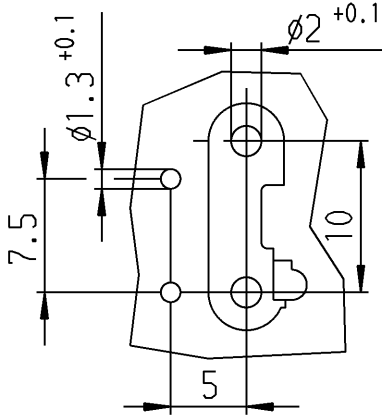


Quick-connect terminal 2.8 x 0.8

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TACT AND KEY SWITCHES
SNAP-ACTION SWITCHES
MICRO-SIGNAL SWITCHES
SENSORS
ECO
PUSH N' DRIVE



Empfohlenes Lochbild
 Bestückungsseite
 Toleranzen nach Din IEC 326
 Teil 3 sehr fein
 In den Befestigungslöchern fixieren



Aufschrift
 1019
 6(2)/250~T85

Schließer 1-polig
 Schalt-Betätigungskraft 1.5 bis 3.0 N
 Differenzweg ≤ 1.2 mm

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| | | | | | | | | | | |
|-------------------------|----------------------|--|----------------|----------------------------|------------------|---|--|--|---------------------|-------|
| Für Form und Lage | | Allgemeintoleranz UNTOLERANCED DIMENSIONS | | Pause COPY | | Blatt SHEET | | Typ | Zeichn./DRAWING NO. | Index |
| FOR SHAPE AND LOC. | | PROJECTION | | Laengen LENGTH | | Original DIN | | K | 1019.0201 | b |
| Für Winkel FOR ANGLE | | Abmasse und Nennmassbereiche Angaben in mm | | Radien RADII | | Maßstab SCALE | | Schnappschalter | | |
| ± 2° | | ALL DIMENSIONS ARE IN MILLIMETRES | | ± 10% | | A4 2:1 | | | | |
| c | | g | | CAD Medusa | | Z | | MARQUARDT Marquardt GmbH, D-78604 Rietheim-Weilheim | | |
| b | 29172 | 07.04.00 | gue | gez./DRAWN BY 07.04.00 gue | | | | | | |
| a | 16683 | 30.05.85 | gue | gepr./CHECKED BY | | | | | | |
| Ausg. ISSUE | Änderung REVISION | gez. DRAWN BY | Ausg. ISSUE | Änderung REVISION | gez. DRAWN BY | Ersatz für/REPLACEMENT OF Z.gl.Nr.vom 21.11.83 | | | | |