# Miniature Toggle Switches

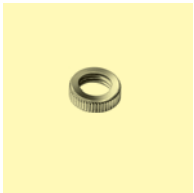
**Specifications:**

| | |
|---|---|
| Contact rating: | 250 V AC, 3 A / 125 V AC, 6 A<br>30 V DC, 4 A / 12 V DC, 5 A<br>6 V DC, 6 A |
| Contact resistance: | < 10 mΩ |
| Insulation resistance: | > 1000 MΩ at 500 V DC |
| Dielectric strength: | 1500 V, 50 Hz for the duration of 1 minute |
| Operating temperature: | – 45 °C to + 140 °C |
| Mechanical life: | minimum 300 000 operations |
| Contacts: | coin silver (common contact copper alloy, silver-plated)<br>also available gold-plated, version B and G (see page 4) |
| Terminals: | solder tags, copper alloy silver-plated<br>further terminal versions see page 8 |
| Material: | case: diallyle-phthalate, meets UL 94 V–0, black<br>lever: chromium-plated, metal parts: nickel-plated |
| Mounting: | bushing M 6 x 0,75 with locking plate, key 9 mm |
| Soldering conditions: | hand-soldering – max.: 60 W, 3 sec, 420 °C<br>auto-soldering – max.: 5 sec, 270 °C |

**Accessories:**

Knurled nut, nickel-plated

M 6 x 0,75, ∅ 8 mm R 675



Plastic caps (height 11,5 mm)

| | |
|---|---|
| orange | C 1103 |
| blue | C 1104 |
| black | C 1105 |
| green | C 1106 |
| grey | C 1107 |
| yellow | C 1108 |
| red | C 1109 |
| white | C 1110 |



Waterproof sealing caps (height 14,3 mm)

| | |
|---|---|
| black | ET 102 |
| green | ET 106 |
| yellow | ET 108 |
| red | ET 109 |

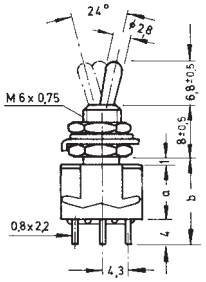


Waterproof sealing cap with mounting screw

**Special levers:**

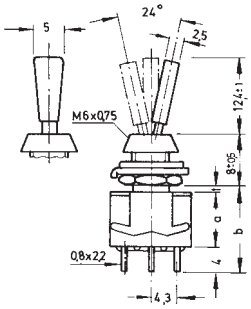
Miniature toggle switches with short lever

Series MTM




Miniature toggle switches with flat lever and special decorative nut

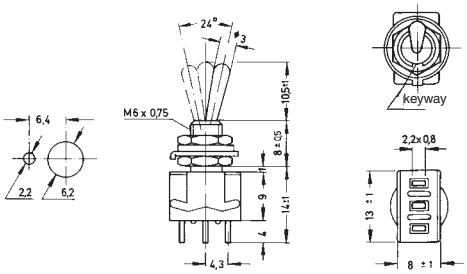
Series MTF



**Models:** Switching functions



| | | | |
|---|---|---|---|
| S P D T | ● | | |
| MTA 106 D | on | – | on |
| MTA 106 E | on | off | on |
| MTA 106 F | mom | – | on |
| MTA 106 G | mom | off | mom |
| MTA 106 H | mom | off | on |

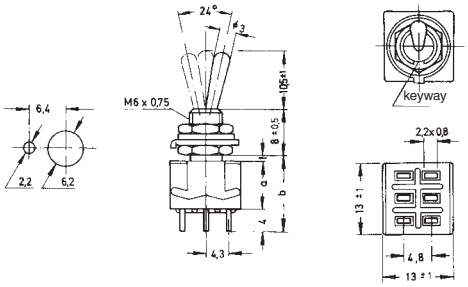






| | | | |
|---|---|---|---|
| D P D T | | | |
| MTA 206 N | on | – | on |
| MTA 206 P | on | off | on |
| MTA 206 R | mom | – | on |
| MTA 206 S | mom | off | mom |
| MTA 206 T | mom | off | on |
| MTA 206 PA | on | on | on |
| MTA 206 SA | mom | on | mom |
| MTA 206 TA | mom | on | on |

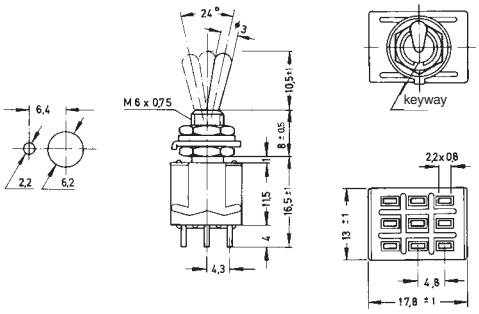
measures: a = 9, b = 14 ±1







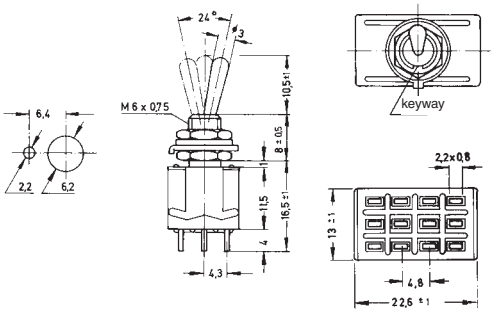
| | | | |
|---|---|---|---|
| 3 P D T | | | |
| MTA 306 D | on | – | on |
| MTA 306 E | on | off | on |
| MTA 306 F | mom | – | on |
| MTA 306 G | mom | off | mom |
| MTA 306 H | mom | off | on |
| MTA 306 EA* | on | on | on |







| | | | |
|---|---|---|---|
| 4 P D T | | | |
| MTA 406 N | on | – | on |
| MTA 406 P | on | off | on |
| MTA 406 R | mom | – | on |
| MTA 406 S | mom | off | mom |
| MTA 406 T | mom | off | on |
| MTA 406 PA | on | on | on |
| MTA 406 SA | mom | on | mom |
| MTA 406 TA | mom | on | on |







* Non-stock item; minimum quantity and delivery time on request.