Miniature Toggle Switches

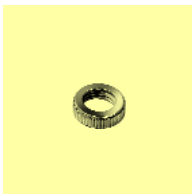
Specifications:

Contact rating:	250 V AC, 3 A / 125 V AC, 6 A 30 V DC, 4 A / 12 V DC, 5 A 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:	– 20° to + 80° C
Mechanical life:	minimum 100 000 operations
Contacts:	coin silver (common contact copper alloy, silver-plated)
Terminals:	solder tags, copper alloy silver-plated further terminal versions see page 8
Material:	case: diallyle-phthalate meets UL 94 V–0, green 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, 350° C auto-soldering – max.: 5 sec, 270° C

Accessories: Order number:

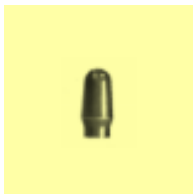
Knurled nut, chromium-plated

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



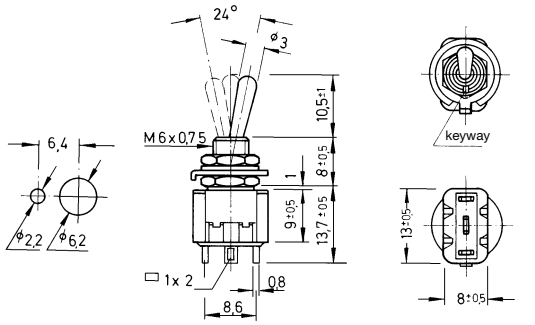
Waterproof sealing caps (height 14,3 mm)

black ET 102



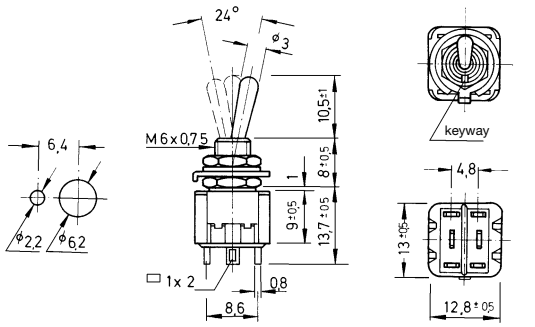
Models: Switching functions

S P D T	●		
STA 106 D	on	–	on
STA 106 E	on	off	on
STA 106 F	mom	–	on
STA 106 G	mom	off	mom
STA 106 H	mom	off	on



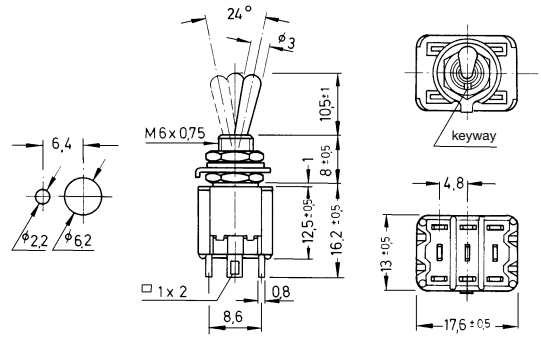


D P D T			
STA 206 N	on	–	on
STA 206 P	on	off	on
STA 206 R	mom	–	on
STA 206 S	mom	off	mom
STA 206 T	mom	off	on
STA 206 PA	on	on	on
STA 206 SA	mom	on	mom
STA 206 TA	mom	on	on



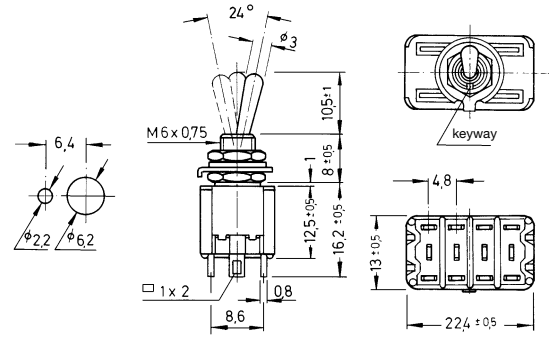


3 P D T			
STA 306 D	on	–	on
STA 306 E	on	off	on





4 P D T			
STA 406 N	on	–	on
STA 406 P	on	off	on
STA 406 PA	on	on	on





Miniature Toggle Switches

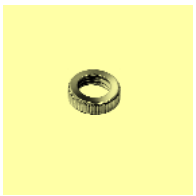
Specifications:

Contact rating:	250 V AC, 3 A / 125 V AC, 6 A 30 V DC, 4 A / 12 V DC, 5 A 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° to + 140° C
Mechanical life:	minimum 300 000 operations
Contacts:	coin silver (common contact copper alloy, silver-plated) also available gold-plated, version B and G (see page 4)
Terminals:	solder tags, copper alloy silver-plated further terminal versions see page 8
Material:	case: diallyle-phthalate, meets UL 94 V–0, black 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 auto-soldering – max.: 5 sec, 270° C

Accessories:

Knurled nut, chromium-plated

M 6 x 0,75, ∅ 8 mm R 675



Waterproof sealing caps (length 14,3 mm)

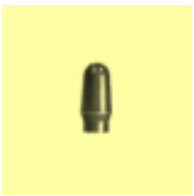
black ET 102



Waterproof sealing cap with mounting screw

Plastic caps (height 11,5 mm)

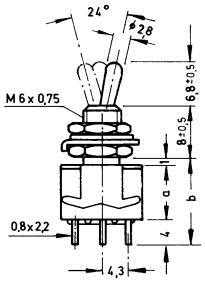
orange	C 1103
blue	C 1104
black	C 1105
green	C 1106
grey	C 1107
yellow	C 1108
red	C 1109
white	C 1110



Special levers:

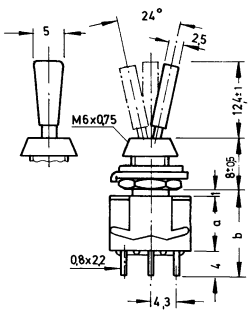
Miniature toggle switches with short lever

Series MTM



Miniature toggle switches with flat lever and special decorative nut

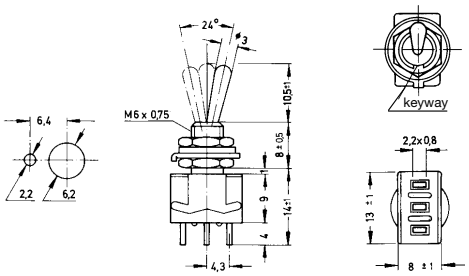
Series MTF



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





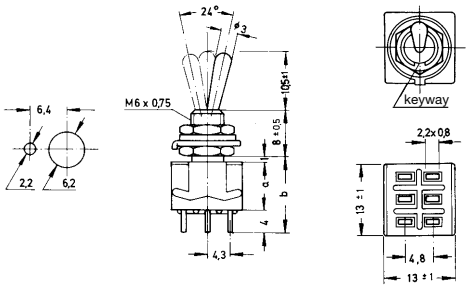
D P D T

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

measures: a = 9, b = 14 ±1

MTA 206 PA	on	on	on
MTA 206 SA	mom	on	mom
MTA 206 TA	mom	on	on

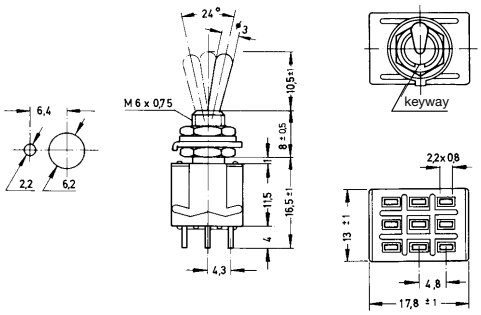
measures: a = 11,5, b = 16,5 ±1





3 P D T

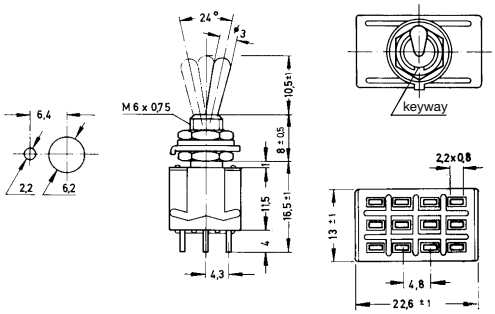
MTA 306 D	on	–	on
MTA 306 E	on	off	on
MTA 306 F	mom	–	on
MTA 306 G	mom	off	mom
MTA 306 H	mom	off	on
MTA 306 EA*	on	on	on





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.