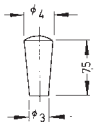
Subminiature Toggle Switches

Specifications:

Contact rating:	max. 48 V AC/DC, 0,4 VA / max. 50 mA min. 20 mV AC/DC, 1 µA
Contact resistance:	< 50 mΩ
Insulation resistance:	> 500 MΩ at 250 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	– 20° to + 80° C
Mechanical life:	minimum 60 000 operations
Contacts:	phosphor bronze gold-plated over nickel barrier
Terminals:	PC terminals, crimped phosphor bronze gold-plated over nickel barrier
Material:	case: PBT, meets UL 94 V–0, washable metal parts: nickel-plated brass
Mounting:	on pc-board
Soldering conditions:	auto-soldering – max.: 5 sec ± 1 sec., 260° C ± 5° C

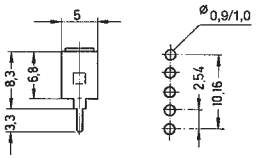
Accessories:

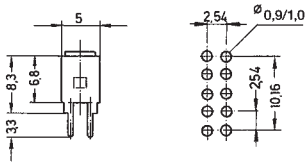
Plastic caps	Order number
black	C 3105
green	C 3106
grey	C 3107
yellow	C 3108
red	C 3109
white	C 3110

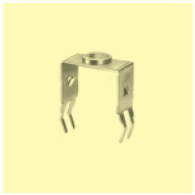




Supporting bracket for	ATE 1.	ATE 2.
Order number	AZ 0001	AZ 0005





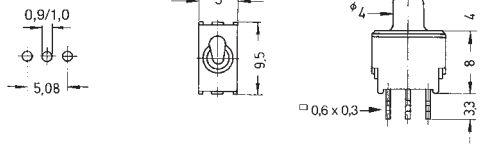


Models: Switching functions: the closed contacts are opposite to the lever position;
Switching functions F/H/R/T: when looking at the brand name on the right hand side

washable

S P D T

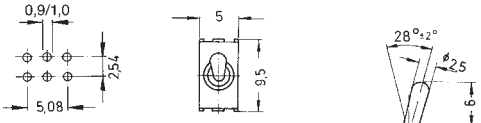
ATE 1 D	on	–	on
ATE 1 E	on	off	on
ATE 1 F	mom	–	on
ATE 1 G	mom	off	mom
ATE 1 H	mom	off	on





D P D T

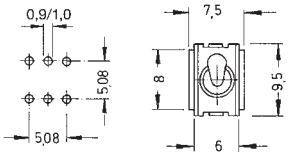
ATE 2 D	on	–	on
ATE 2 E	on	off	on
ATE 2 F	mom	–	on
ATE 2 G	mom	off	mom
ATE 2 H	mom	off	on





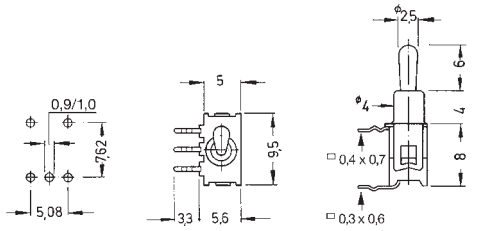
D P D T

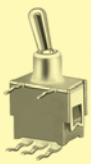
ATE 2 N	on	–	on
ATE 2 P*	on	off	on
ATE 2 R*	mom	–	on
ATE 2 S*	mom	off	mom
ATE 2 T*	mom	off	on



S P D T

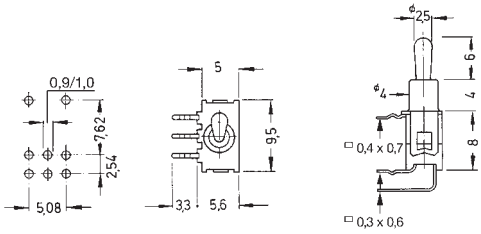
ATE 1 D – RA	on	–	on
ATE 1 E – RA	on	off	on
ATE 1 F – RA	mom	–	on
ATE 1 G – RA	mom	off	mom
ATE 1 H – RA	mom	off	on

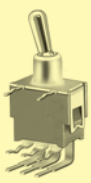




D P D T

ATE 2 D – RA	on	–	on
ATE 2 E – RA	on	off	on
ATE 2 F – RA	mom	–	on
ATE 2 G – RA	mom	off	mom
ATE 2 H – RA	mom	off	on





Special versions see page 24.

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

Subminiature Toggle Switches waterproof

Specifications: see page 22

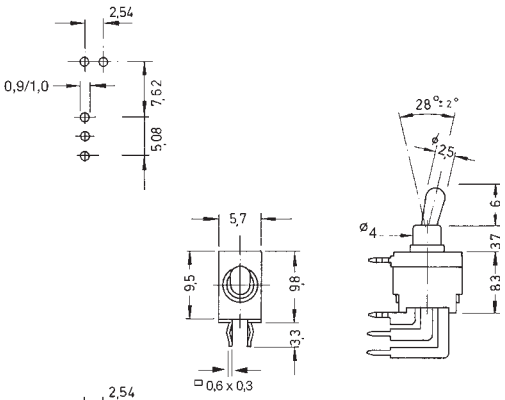
Models: Switching functions the closed contacts are opposite to the lever position;
Switching functions F/H: when looking at the brand name on the right hand side.

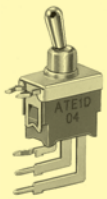
washable

2

S P D T

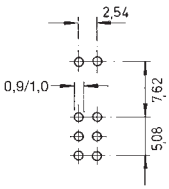
ATE 1 D – VM	on	–	on
ATE 1 E – VM	on	off	on
ATE 1 F – VM*	mom	–	on
ATE 1 G – VM*	mom	off	mom
ATE 1 H – VM*	mom	off	on

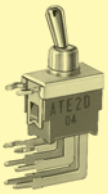




D P D T

ATE 2 D – VM	on	–	on
ATE 2 E – VM	on	off	on
ATE 2 F – VM*	mom	–	on
ATE 2 G – VM*	mom	off	mom
ATE 2 H – VM*	mom	off	on



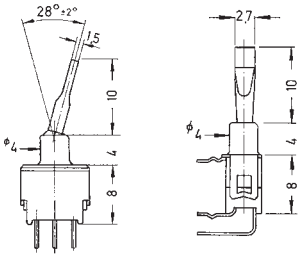


Accessories: see page 22.

Special versions*:

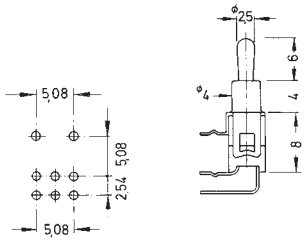
long flat lever

Additional to type number: F
Example of order: ATEF 2D – RA



Spacing 5,08 mm

Additional to type number: – 1
Example of order: ATE 2E – RA-1



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