

# Subminiature Pushbutton Switches



## Specifications:

Contact rating:	max. 48 V AC / DC, 0,4 V//.max. 50 mA min. 20 mV <b>AC / DC</b> , $\mu$ A
Contact resistance:	< 50 m $\Omega$
Insulation resistance:	> 500 M $\Omega$ at <b>250 V DC</b>
Dielectric strength:	<b>500 V, 50 Hz</b> for the duration of 1 minute
Temperature range:	- 20 to + <b>80 C</b>
Mechanical life:	minimum 60 000 operations
Contacts:	phosphor bronze gold-plated over nickel barrier
Terminals:	slightly bent, phosphor bronze tin-plated over nickel barrier
Material :	case: PBT, meets UL 94 V-O, washable metal parts: nickel-plated brass
Method of mounting:	on pc-board
Soldering conditions:	auto-soldering: max. 3 sec 245 C $\pm$ 10° C

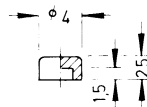
## Exceptions:

For technical reasons some switches cannot be supplied in the sealed version. These switches have solid terminals, gold-plated over nickel. One pole switches with flat terminals have a limited stability against side force. As an alternative we can supply solid terminals. The stability can be improved by using a supporting bracket.

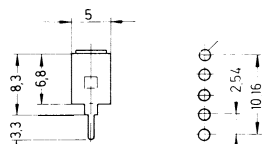
## Accessories:

Plastic caps

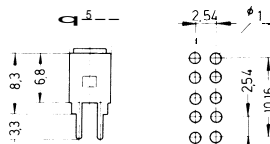
black	KA 3105
green	KA 3106
grey	KA 3107
yellow	KA 3108
red	KA 3109
white	KA3110



Supporting bracket AP/APE 1.  
AZ 0001



APE 2 F  
AZ 0005

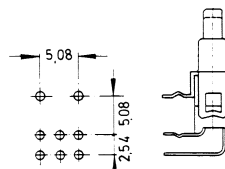


## Special pin configuration

Subminiature pushbutton switch with 5.08 spacing.

Additional to type number: 1

Example of order: APE 2 D-RA-1



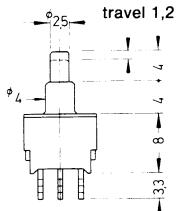
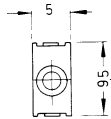
# Subminiature Pushbutton Switches

**Models:** Switching functions: when looking at the brand name, the normally closed contact is on the right-hand side.

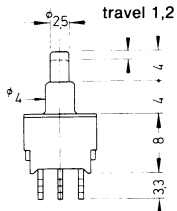
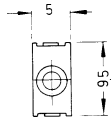
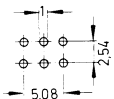


washable

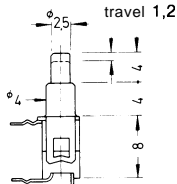
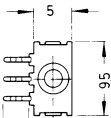
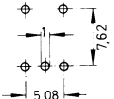
SPDT  
APE 1 F on - mom



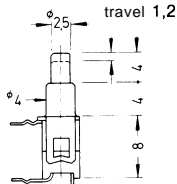
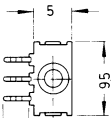
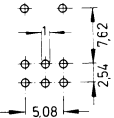
DPDT  
APE 2 F on - mom



SPDT  
APE 1 F-RA on - mom

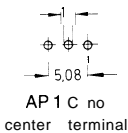


DPDT  
APE 2 F-RA on - mom

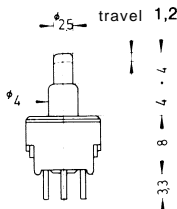
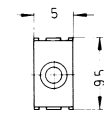


non sealed

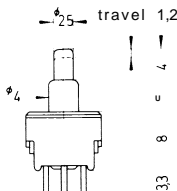
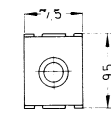
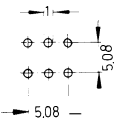
SPDT  
AP 1 C off - mom  
AP 1 F on - mom



AP 1 C no center terminal



DPDT  
AP 2 R on - mom



Subminiature pushbutton switches with short necktube, only for non sealed version.

Additional to type number: K  
Example of order: AP 1 FK

