Subminiature Pushbutton Switches

Specifications:

Contact rating:	max. 48 V AC / DC, 0,4 VA max. 50 mA min. 20 mV **AC / DC,** 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
Temperature range:	- 20 to + **80 C**
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 ±10° C

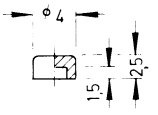
Exceptions:

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:

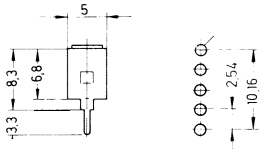
Plastic caps

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

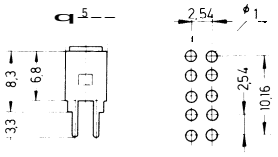


Supporting bracket

AP/APE 1.
AZ 0001



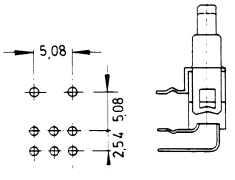
APE 2 F
AZ 0005



Special pin configuration

Subminiature pushbutton switch with 5.08 spacing.

Additional to type number: 1
Example of order: APE 2 D-RA-1



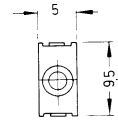
Subminiature Pushbutton Switches

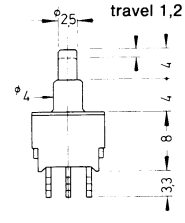
Models: Switching functions: when looking at the brand name, the normally closed contact is on the right-hand side.

washable

SPDT
APE 1 F on – mom

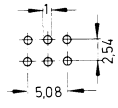




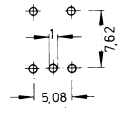


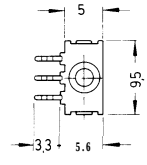


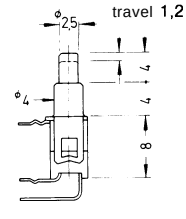
DPDT
APE 2 F on – mom

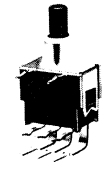


SPDT
APE 1 F-RA on – mom

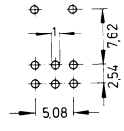






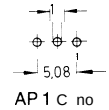


DPDT
APE 2 F-RA on – mom

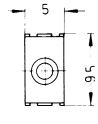


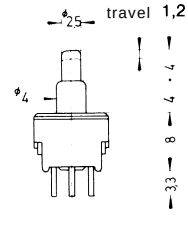
non sealed

SPDT
AP 1 C off – mom
AP 1 F on – mom



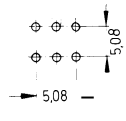
AP 1 C no center terminal

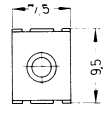


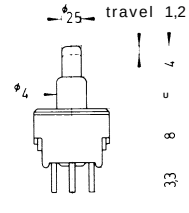




DPDT
AP 2 R on – mom

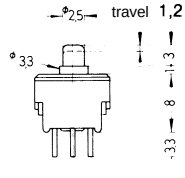








Subminiature pushputton switches with short necktube, only for non sealed version.



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