

# Miniature Pushbutton Switches snap action



## Specifications:

Contact rating:	125 V AC, 3 A 30 V DC, 1 A / 12 V DC, 2 A / 6 V DC, 3 A
Contact resistance:	< 10 mΩ
Insulation resistance:	> 1000 MΩ at 500 V DC
Dielectric strength:	1000 V, 50 Hz for the duration of 1 minute
Operating temperature:	-20 °C to +80 °C
Mechanical life:	minimum 100000 operations
Contacts:	coin silver (common contact copper alloy, silver-plated) also available gold-plated version B, see page 4
Terminals:	solder tags, copper alloy silver-plated
Case material:	phenol resin, black
Mounting:	bushing M 6 x 0.75 with locking plate, key 9 mm
Soldering conditions:	hand-soldering – max.: 60 W, 3 sec, 420 °C

## Models: Switching functions

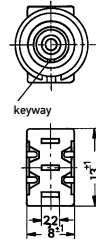
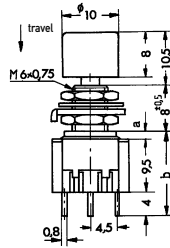
### S P D T

MPS 103 F on – mom

measures: a = 1.5, b = 15<sup>-1</sup>  
travel 1,0

MPS 103 D on – on

measures: a = 2.5, b = 16<sup>-1</sup>  
travel 2,5



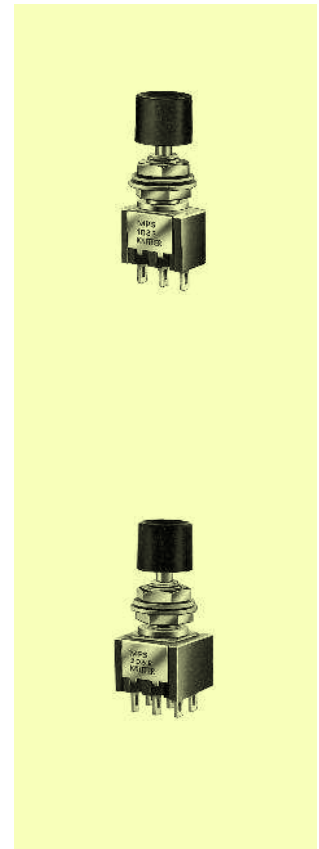
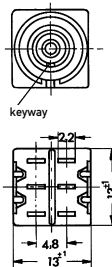
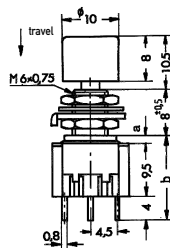
### D P D T

MPS 203 R on – mom

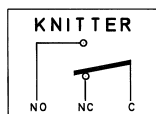
measures: a = 1.5, b = 15<sup>-1</sup>  
travel 1.0

MPS 203 N on – on

measures: a = 2.5, b = 16<sup>-1</sup>  
travel 2.5



Circuit diagram:



Accessories see page 34.