



Miniature Pushbutton Switches

Specifications:

Contact rating:	250 V AC, 1 A / 125 V AC, 3 A 24 V DC, 2 A
Contact resistance:	< 30 mΩ
Insulation resistance:	> 500 MΩ at 500 V DC
Dielectric strength:	1000 V, 50 Hz for the duration of 1 minute
Operating temperature:	- 45° to + 110° C
Mechanical life:	minimum 30 000 operations
Contacts:	coin silver, also available gold-plated, version G (see page 4)
Terminals:	solder tags
Material:	phenolformaldehyde MSP 103 B black, MSP 103 C brown
Mounting:	bushing M 6 x 0,75
Soldering conditions:	hand-soldering – max.: 20 W, 3 sec, 350° C

3

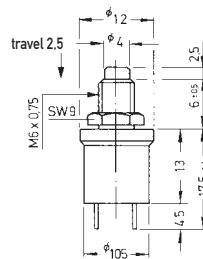
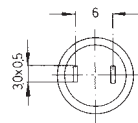
Models:

Switching functions

S P D T

MSP 103 B
MSP 103 C

on – (mom)
off – mom

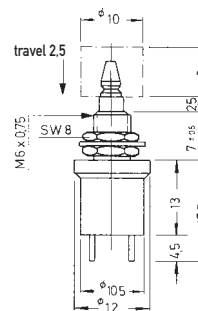
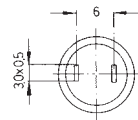


Button colour: orange

S P D T

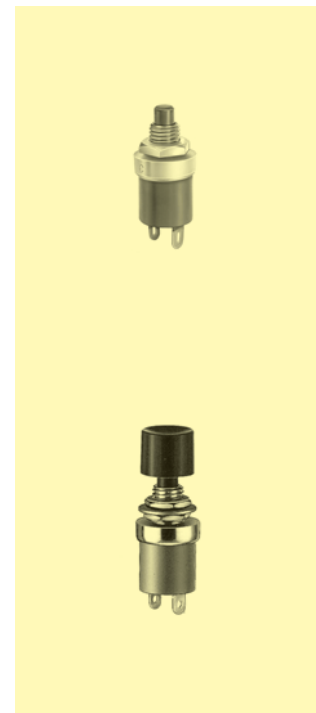
MSP 103 BK
MSP 103 CK

on – (mom)
off – mom



Buttons see page 34.

Unless otherwise specified, switches are delivered with button KM 405 (black).



Miniature Pushbutton Switches

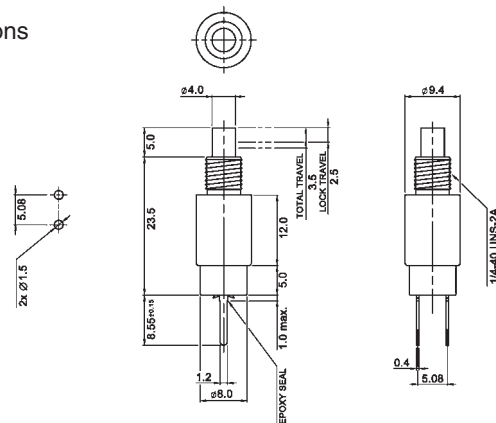


Specifications:

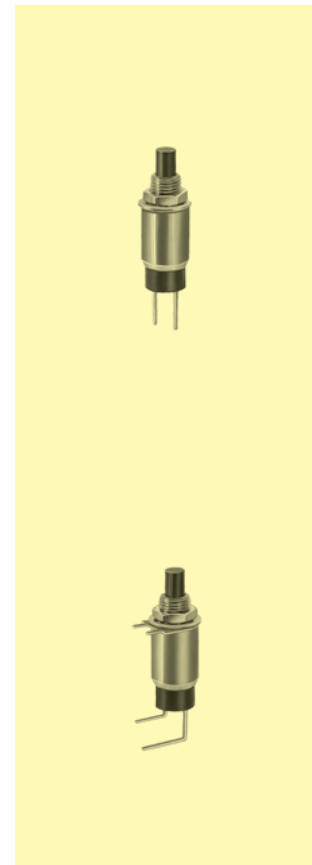
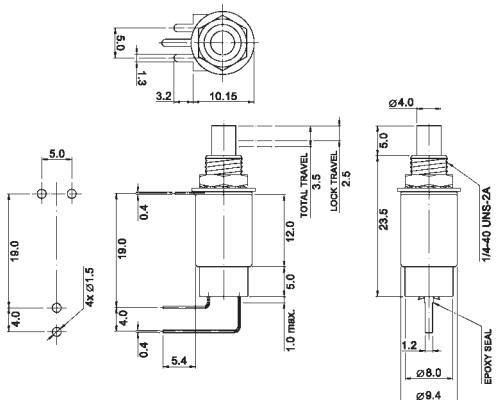
Contact rating:	250 V AC, 0,5 A / 120 V AC, 1 A 28 V DC, 1 A
Contact resistance:	< 30 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	- 20° to + 70° C
Mechanical life:	more than 10 000 operations
Contacts:	phosphor bronze, silver-plated
Terminals:	PC terminals, brass silver-plated
Material:	case: copper alloy, nickel-plated / POM button: PA 66
Mounting:	single-hole mounting, Ø 6.35 mm or on pc-board
Soldering conditions:	auto-soldering – 5 sec ± 0,5 sec, 260° C

Models: Switching functions

SPST
MSP 101 A on – off



SPST
MSP 101 A – RA on – off





Miniature Pushbutton Switches

Specifications:

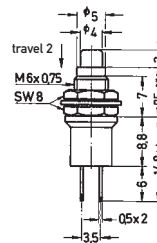
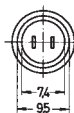
Contact rating:	30 V DC, 650 mA
Contact resistance:	< 20 mΩ
Insulation resistance:	> 500 MΩ at 500 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	- 20° to + 60° C
Mechanical life:	minimum 20 000 operations
Contacts:	brass, silver-plated
Terminals:	solder tags
Material:	phenolformaldehyde, black
Mounting:	single-hole
Soldering conditions:	hand-soldering – max.: 3 sec, 260° C ± 5° C

Models:

Contact arrangement

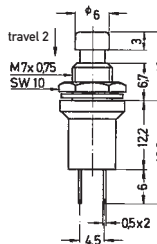
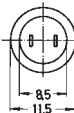
MSP 101 C
button colour: red

normally open



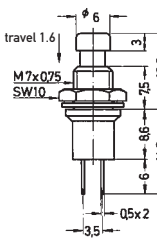
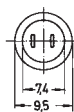
MSP 121 B
button colour: black
red

normally closed



MSP 121 C
button colour: black
red

normally open



MSP 131 C
button colour: black

normally open

