# Microminiature Toggle Switches ESD proof

**Specifications:**

| | |
|---|---|
| Contact rating: | max. 28 V DC, 0,4 VA<br>min. 20 mV DC, 1 µA |
| Contact resistance: | < 100 mΩ |
| Insulation resistance: | > 500 MΩ at 250 V DC |
| Dielectric strength: | 250 V, 50 Hz for the duration of 1 minute |
| Operating temperature: | – 40 °C to + 85 °C |
| Mechanical life: | minimum 30 000 operations |
| Contacts: | phosphor bronze, gold-plated |
| Terminals: | PC terminals, crimped, phosphor bronze, gold-plated |
| Material: | case and lever: PES, meets UL 94 V–0, washable |
| Mounting: | on pc-board |
| Soldering conditions: | auto-soldering – max.: 7 sec, 250 °C ± 5 °C<br>– max.: 5 sec, 270 °C ± 5 °C |
| ESD resistance: | > 8 kV (between lever and terminals) |

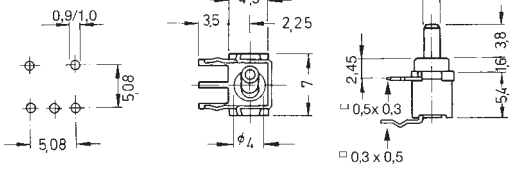


**Models :** Switching functions: the closed contacts are opposite to the lever position;
Switching functions F/H: when looking at the brand name on the right hand side.

**washable**

S P D T

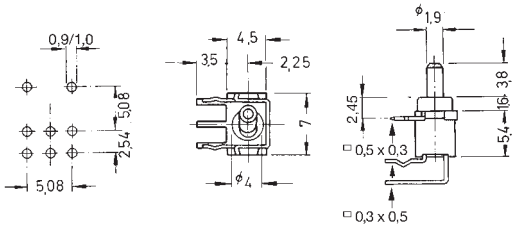
| | | | |
|---|---|---|---|
| FT 1 D – RA | on | – | on |
| FT 1 E – RA | on | off | on |
| FT 1 F – RA* | mom | – | on |
| FT 1 G – RA* | mom | off | mom |
| FT 1 H – RA* | mom | off | on |






D P D T

| | | | |
|---|---|---|---|
| FT 2 D – RA | on | – | on |
| FT 2 E – RA | on | off | on |
| FT 2 F – RA* | mom | – | on |
| FT 2 G – RA* | mom | off | mom |
| FT 2 H – RA* | mom | off | on |






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

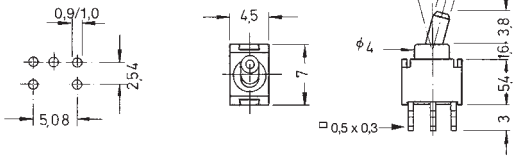
**Models:** Switching functions: the closed contacts are opposite to the lever position;
Switching functions F/H: when looking at the brand name on the left hand side.

**washable**



S P D T

| | | | |
|---|---|---|---|
| FT 1 D | on | – | on |
| FT 1 E | on | off | on |
| FT 1 F | mom | – | on |
| FT 1 G | mom | off | mom |
| FT 1 H | mom | off | on |

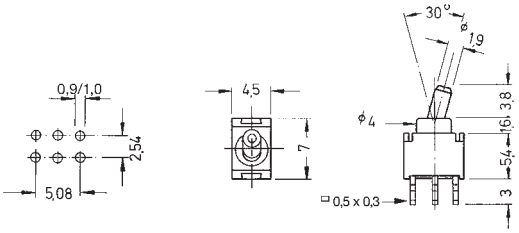






D P D T

| | | | |
|---|---|---|---|
| FT 2 D | on | – | on |
| FT 2 E | on | off | on |
| FT 2 F | mom | – | on |
| FT 2 G | mom | off | mom |
| FT 2 H | mom | off | on |

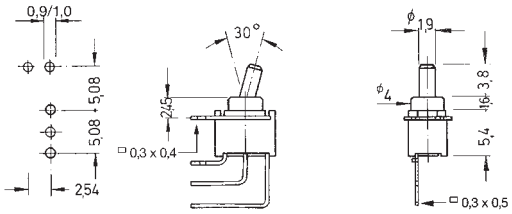






S P D T

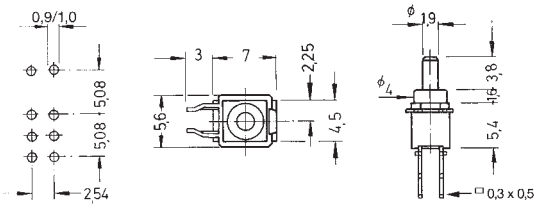
| | | | |
|---|---|---|---|
| FT 1 D – VM | on | – | on |
| FT 1 E – VM | on | off | on |
| FT 1 F – VM* | mom | – | on |
| FT 1 G – VM* | mom | off | mom |
| FT 1 H – VM* | mom | off | on |






D P D T

| | | | |
|---|---|---|---|
| FT 2 D – VM | on | – | on |
| FT 2 E – VM | on | off | on |
| FT 2 F – VM* | mom | – | on |
| FT 2 G – VM* | mom | off | mom |
| FT 2 H – VM* | mom | off | on |



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