

2M1-Series
Miniature Toggle Switch


2M2-Series
Nylon Miniature Toggle Switch

## 2M1-Series Accessories

To order accessories assembled on a switch, specify the switch number followed by the accessory part number and the word "assembled". Ex: 2M1-SP1-T1-B1-M1QE-T12ASSEMBLED
To order accessories in bulk, specify the Series, followed by the accessory. Ex.) 2M1-T12.

## Optional Toggle Cap


$\qquad$

## 2M1-Series Ordering Scheme



|  | $\begin{aligned} & \text { Switc } \\ & 2-3,5 \end{aligned}$ | OPEN | 2-1, 5 |
| :---: | :---: | :---: | :---: |
| 1 | ON | NONE | ON |
| 2 | ON | NONE | (ON) |
| 3 | ON | OFF | ON |
| 4 | (ON) | OFF | (ON) |
| 5 | ON | OFF | (ON) |
| $6{ }^{1}$ | ON | ON | ON |
| NOTE: |  |  |  |
| 1 | -ON av | 4P switch |  |


| 4 ACTUATOR |  |  |
| :--- | :--- | :--- |
| T1 round bat | T8 extra-large bat (with B0 bushing) |  |
| T2 round short bat | T9 black plastic |  |
| T3 paddle | T0 rectangular |  |
| T4 medium paddle | TA locking lever |  |
| T5 long paddle | T1 locking lever |  |
| T6 flat (with B1,B2 or B5 bushing) | TL locking lever |  |
| T7 large bat (with B0 bushing) |  |  |


| 7 CONTACT |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Material | Terminal Plating | Rating | Approvals |
| G | silver ${ }^{1}$ | gold over silver ${ }^{3}$ | $5 \mathrm{~A} @ 125 \mathrm{VAC} \text { or 28VDC, }$ $2 \mathrm{~A} @ 250 \mathrm{VAC}$ | UL CSA |
| K | gold ${ }^{2}$ | tin-lead ${ }^{4}$ | 0.4VA max. @20V max (AC/DC) | - |
| P | silver ${ }^{1}$ | tin-lead ${ }^{4}$ | 5A@125VAC or 28VDC, 2A @ 250VAC | UL CSA |
| Q | silver ${ }^{1}$ | silver ${ }^{1}$ | $5 \mathrm{~A} @ 125 \mathrm{VAC} \text { or 28VDC, }$ 2A @ 250VAC | UL CSA |
| R | gold ${ }^{2}$ | gold ${ }^{2}$ | 0.4VA max. @20V max (AC/DC) | - |
| NOTE: |  |  |  |  |
| Tin-lead option available with PC type terminations only. |  |  |  |  |
| 1 Moveable contact \& terminals: copper alloy, silver plate |  |  |  |  |
| 2 Moveable contact \& terminals: copper alloy with gold plate over nickel plate |  |  |  |  |
| 3 Terminals: silver plate with outer layer in gold plating |  |  |  |  |
| 4 | Outer term | inals: copper alloy w | h tin-lead over nickel plate |  |


| 5 BUSHING |  |
| :--- | :--- |
| B1 | Threaded Standard, keyway |
| B2 | Non-Threaded Standard, keyway |
| B3 | Threaded Short, keyway |
| B4 | Non-Threaded Short, keyway |
| B5 | High Torque, 7.5mm, flat |
| B6 | High Torque, 8.0mm, keyway |
| B7 | Long threaded |
| B8 | Metric |
| B9 | Splashproof |
| B0 | $15 / 32^{\text {" Threaded (Standard for T7 and T8 actuator styles) }}$ |

```
8 EPOXY SEAL
E epoxy seal
```

NOTES:
All switches come with standard nut, washer and locking ring shipped bulk.
T7 and T8 actuator styles come with a larger nut, washer and locking ring, to accommodate the switch.
Additional nut styles available. See page 26.
Custom colors available, consult factory.
Rubber seal available. Order part number E1A separately.

## 2MS \& 2M2-Series Ordering Scheme





[^0]| 6 TERMINATION |  |  |
| :--- | :--- | :---: |
| M1 | Solder Lug |  |
| M2 | PCB |  |
| M3 | Quick Connect |  |
| M6 | PC Mount, $90^{\circ}$ horizontal |  |
| M7 | PC Mount, $90^{\circ}$ vertical |  |
| VS2 | PC Mount, U bracket, 620 mounting x .460 high |  |
| VS3 | PC Mount, U bracket, 620 mounting x. 630 high |  |
| VS4 | PC Mount, U bracket, 750 mounting $x .460$ high |  |
| VS5 | PC Mount, U bracket, .750 mounting x. 630 high |  |
| VS21 | Snap-In, U bracket |  |
| VS41 | Snap-In, U bracket |  |



```
8 EPOXY SEAL
E epoxy seal
```

NOTE:
All switches come with standard nut, washer and locking ring. T7 and T8 actuator styles come with a larger nut, washer and locking ring, to accommodate the switch.

## 2M-Series Dimensional Specifications: in. [mm]

## 2MS \& 2M2-Series

## ACTUATOR

| T1 ROUND BAT | T2 <br> ROUND SHORT BAT | T9 <br> BLACK PLASTIC |
| :---: | :---: | :---: |
| (1) | (1) <br> SUBTRACT 2.55 FOR B1 BUSHING |  |

2M-Series Dimensional Specifications: in. [mm]


## BUSHING



2M-Series Dimensional Specifications: in. [mm]


## M6 PC MOUNTING <br> HORIZONTAL

SINGLE POLE
DOUBLE POLE



FOUR POLE


2M-Series Dimensional Specifications: in. [mm]


SNAP-IN TERMINATION OPTIONS

2M-Series Dimensional Specifications: in. [mm]

PANEL MOUNTING


TOGGLE CAPS


T2



[^0]:    5 BUSHING
    B1
    B4
    $\begin{array}{ll}\text { B4 } & \text { Threaded Standard, keyway for ST, PC termination } \\ \text { Non-Threaded Short, keyway for H9, V9 termination }\end{array}$

