## 1TB1-2



Actual product appearance may vary.

## Features

- Two- and four-circuit double break
- Power load switching capability to

10 A

- Motor handling capacity of 373 W
[ $1 / 2 \mathrm{hp}$ ] at 125 Vac
TB Series Basic Switch, Double Pole Double Throw Double Break Circuitry, 10 A at 250 Vac, Pin Plunger Actuator, Silver Contacts, Solder Termination


## Potential

Applications

- Modern control
systems
- Welders
- Industrial equipment
- Momentary action
- Choice of actuation and termination


## Description

MICRO SWITCH ${ }^{\text {™ }}$ TB Series miniature double-break basic switches are basic double-break units that offer a means of controlling isolated circuits. Each circuit may be driven by an independent voltage source.

| Product Specifications |  |
| :---: | :---: |
| Switch Type | Standard $25,4 \mathrm{~mm} \mathrm{H} \times 17,8 \mathrm{~mm}$ $\mathrm{W} \times 50,8 \mathrm{mmL}$ [1.0 in $\mathrm{H} \times 0.7 \mathrm{in}$ $\mathrm{W} \times 2.0 \mathrm{in} \mathrm{L}$ ] |
| Sealed | No |
| Ampere Rating | 10 A |
| Circuitry | Two Circuit Double Break (2 CKT DB) |
| Actuator | Pin Plunger |
| Termination | Solder |
| Operating Temperature Range | $-55^{\circ} \mathrm{C}$ to $125{ }^{\circ} \mathrm{C}\left[-67{ }^{\circ} \mathrm{F}\right.$ to $257^{\circ} \mathrm{F}$ ] |
| Voltage | 250 Vac |
| Approvals | CSA, UL |
| Contact Type | Silver |
| Operating Force (O.F.) | $1,95 \mathrm{~N}-3,61 \mathrm{~N}$ [7.0 oz-13.0 oz] |
| Release Force (R.F.) | $1,11 \mathrm{~N}$ [4.0 oz] min. |
| Pretravel (P.T.) | 1,52 mm [0.060 in] max. |
| Overtravel (O.T.) | $0,25 \mathrm{~mm}$ [ 0.010 in ] min. |
| Differential Travel (D.T.) | $\begin{aligned} & 0,25 \mathrm{~mm}-0,64 \mathrm{~mm}[0.010 \mathrm{in}- \\ & 0.025 \mathrm{in}] \end{aligned}$ |


| Operating Position (O.P.) | $11,7 \mathrm{~mm}[0.460 \mathrm{in}]$ |
| :--- | :--- |
| Housing Material | General Purpose Phenolic |
| Agency Approvals and Standards | 1054 |
| Maximum Tightening Torque | $0,33 \mathrm{~N} \mathrm{~m}[3.0 \mathrm{in} \mathrm{lb}]$ |
| Weight | $9,07 \mathrm{~g}[0.02 \mathrm{lb}]$ |
| Package Height | $12,7 \mathrm{~mm}[0.5 \mathrm{in}]$ |
| Package Width | $12,7 \mathrm{~mm}[0.5 \mathrm{in}]$ |
| Package Length | $46,4 \mathrm{~mm}[1.825 \mathrm{in}]$ |
| Availability | Global |
| UNSPSC Code | 30211905 |
| UNSPSC Commodity | 30211905 Snap switches |
| Series Name | TB |



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NOTE -
1- TERMINALS 1 Q 2 NORMALLY CLOSED CIRCUIT
2- TERMINALS 3 \& 4 NORMALLY OPEN CIRCUIT
3- TERMINALS ARE PLATED FOR SOLDERING
CIRCUIT DIAGRAM


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