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12TW8-70E



Actual product appearance may vary.

TW Series Toggle Switch, 2 pole, 3 position, Solder terminal, Locking Lever

Features

- Save space and weight
- SPDT and DPDT circuitry
- Temperature range: -85° F to +160° F (-65° C to +71° C)
- Sealed bushing versions
- Choice of 1/8 in. or 15/32 in. bushing
- Color tab available on 15/32 in. bushing
- UL recognized

Potential Applications

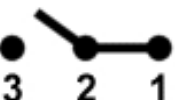
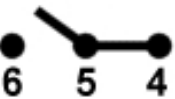
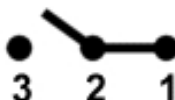
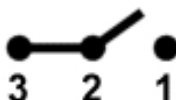
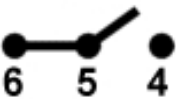
- Industrial machinery and equipment
- Military and commercial aviation
- Construction equipment
- Test instruments
- Agricultural machinery
- Process control
- Medical instrumentation

Description

MICRO SWITCH™ miniature toggle switches in two bushing sizes. Molded in terminals are plated for soldering. Momentary and maintained circuitry closures available. Special on-on-on circuitries are also available. Pull-to-unlock levers prevent accidental operation.

Supporting Documentation

-  [Accessory: Seals](#)
-  [Accessory: Nuts](#)
-  [Engineering Drawing](#)

| Product Specifications                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Circuitry/Operating action            | <div><div><div>Keyway</div><div>Momentary Position</div><div>3 2 1</div></div><div><div></div><div>Momentary Position</div><div>6 5 4</div><div>ON</div></div></div> <div><div><div>Center</div><div>Maintained Position</div><div>3 2 1</div></div><div><div></div><div>Maintained Position</div><div>6 5 4</div><div>ON</div></div></div> <div><div><div>Opposite</div><div>Keyway</div><div>Momentary Position</div><div>3 2 1</div></div><div><div></div><div>Momentary Position</div><div>6 5 4</div><div>ON</div></div></div> |  |  |
| Product Type                          | MICRO SWITCH™ Toggle Switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| Lever Lock                            |  <div>Locked in center position</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| Ampere/Voltage Range (Resistive Load) | 0.1 A to 5.0 A at 0.5 Vac to 115 Vac,0.1 A to 5.0 A at 0.5 Vdc to 28 Vdc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| Circuitry                             | DPDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| Action                                | 3 position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
| Mounting                              | Bushing 15/32 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| Termination                           | Solder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| Lever Type                            | Locking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
| UL/CSA Rating Code                    | L117: 5 A at 125 Vac                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| Comment                               | Gold Plated Contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| Availability                          | Global                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| UNSPSC Code                           | 30211908                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| UNSPSC Commodity                      | 30211908 Toggle switches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| Series Name                           | TW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |

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