

## F-Series



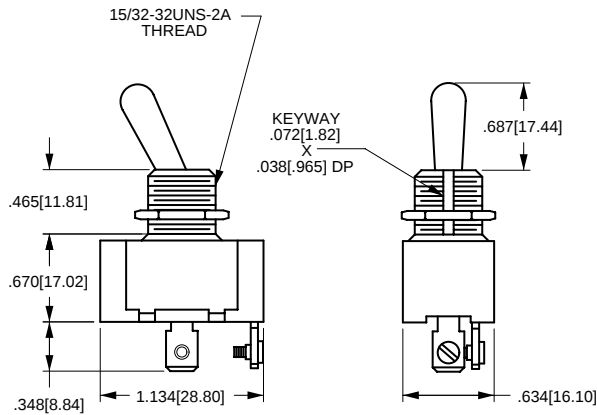
The F-Series toggle switches are AC rated up to 20 amps, single pole, with a slow-make, slow-break contact mechanism. These switches are available in a wide range of ratings, circuits, terminations and bushing/toggle configurations.

### Specifications

- Certifications\*: UL, CSA
- Dielectric Strength: 1,000V (minimum)
- Insulation Resistance: 100 Megohms (minimum)
- Base Material: Phenolic
- Actuator Material: Brass/Nickel Plate
- Bushing Material: Brass/Nickel Plate

\* Due to ongoing technological advances, consult factory for certification specifics.

### Dimensional Specifications: in. [mm]



|                                                                |                                                 |                                                                        |
|----------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------|
| <br>.125[3.18] DIA<br>.330[8.38]<br>.187[4.74]                 | <br>.075[1.91] DIA<br>.437[11.09]<br>.250[6.35] | <br>.055[1.40] DIA<br>.394[10.00]<br>.187[4.74]                        |
| SOLDER LUG                                                     | .250 TAB (Q.C.)                                 | .187 TAB (Q.C.)                                                        |
| TERMINAL TYPE                                                  |                                                 |                                                                        |
| <br>#6-32NC-2 THREAD<br>.370[9.39]<br>.286[7.26]<br>.141[3.58] | <br>6.000[152.40]<br>.500[12.70]                |                                                                        |
| SCREW (ASSEMBLED)                                              | WIRE LEAD                                       |                                                                        |
| <br>.500[12.70] DIA                                            | <br>.062[1.57]<br>.038[9.65]                    | <br>.500[12.70] DIA<br>.376[9.55]<br>.500[12.70] DIA<br>.125[3.17] DIA |
| MOUNTING HOLE                                                  | WITH KEYWAY                                     | WITH LOCKING RING                                                      |

## 2F A 5 3 - 73 /TABS

### SERIES

**2F** SINGLE POLE  
**6F** SINGLE POLE  
MOMENTARY

### CIRCUIT

**A** ON-NONE-OFF  
**B** ON-NONE-ON  
**C** ON-OFF-ON

### RATING<sup>1</sup>

**5** 10A 250VAC  
15A 125VAC  
3/4HP 120-240VAC  
**6** 3A 250VAC  
6A 125VAC  
1/4HP 120-240VAC

### TERMINATION/FUNCTION<sup>2</sup>

| FUNCTION      | SOLDER LUG | .250TAB (QC) | SCREW TERM. | WIRE LEAD |
|---------------|------------|--------------|-------------|-----------|
| ON-NONE-OFF   | 3          | 3/TABS       | 4           | 1         |
| (ON)-NONE-OFF | 3          | 3/TABS       | 4           | 1         |
| ON-NONE-(OFF) | 7          | 7/TABS       | 8           | 6         |
| ON-NONE-ON    | 3          | 3/TABS       | 4           | 1         |
| ON-NONE-(ON)  | 3          | 3/TABS       | 4           | 1         |
| ON-OFF-ON     | 3          | 3/TABS       | 4           | 1         |
| (ON)-OFF-(ON) | 3          | 3/TABS       | 4           | 1         |
| ON-OFF-(ON)   | 7          | 7/TABS       | 8           | 6         |

### TOGGLE STYLE

|      | TOGGLE LENGTH | BUSHING LENGTH | SUFFIX NO. | NEOPRENE SEAL |
|------|---------------|----------------|------------|---------------|
| BAT  | .406          | .343           | 52         | 57            |
|      | .562          | .465           | 63         | 68            |
|      | .687          | .465           | 73         | 78            |
|      | 1.00          | .343           | A2         | A7            |
|      | 2.00          | .465           | E3         | E8            |
| BALL | .500          | .343           | 22         | ---           |

### NOTES:

Shading indicates standard configurations.

For bushing accessories, see pages 69 and 70.

<sup>1</sup> Additional ratings to 20A available. Consult factory.

<sup>2</sup> For .187TAB (QC) type terminal use solder lug function selection codes.

Add the suffix /187TABS. (ex.) 2FA53-73/.187TABS