



→ **Product Type**
Heavy Duty AC Rated Toggle Switches

→ **Product Series**
F-Series

→ **Description**

The F-Series single toggle switches feature a slow-make, slow-break contact mechanism. They are AC rated and are also suitable for low voltage DC rated applications. They fit the industry standard .500 diameter mounting hole. These switches are available in a wide range of momentary and maintained single throw or double throw circuits, terminations, and bushing/toggle configurations.

Certifications

UL CSA

Number of Poles

1 pole

Ratings	10A 250VAC 15A 125VAC 3/4HP 120-240VAC
	3A 250VAC 6A 125VAC 1/4HP 120-240VAC
Dielectric Strength	1,000 V RMS (minimum)
Insulation Resistance	100 megohms (minimum)
Base Material	Phenolic
Actuator Style	Bat Toggles (variety of lengths) Ball Toggle
Actuator Material	Brass/Nickel Plate
Bushing Material	Brass/Nickel Plate
Terminal Options	.250 QC Tabs Solder Lugs Wire Leads Screw Terminals
Mounting Method	Bushing Mount
Mounting Hole Dimensions	.500" diameter; 12.70mm diameter
Value Added	Wire leads with connectors Special contact plating Additional ratings available Bushing accessories available Neoprene seals available

F-Series Single Pole Toggle Switches



General purpose workhorses with options tailored to meet most any need. Ratings to 20A 277VAC, various actuator, bushing, termination, and circuit choices allow this versatile switch to easily integrate into a variety of different applications. The F-Series has a storied history in the Marine, Food Service, Generator, Industrial Control, and Office Automation markets and is appropriate for usage in low voltage DC applications as well.

Dielectric Strength

UL/CSA:
1000V - live to dead metal parts

Electrical Life

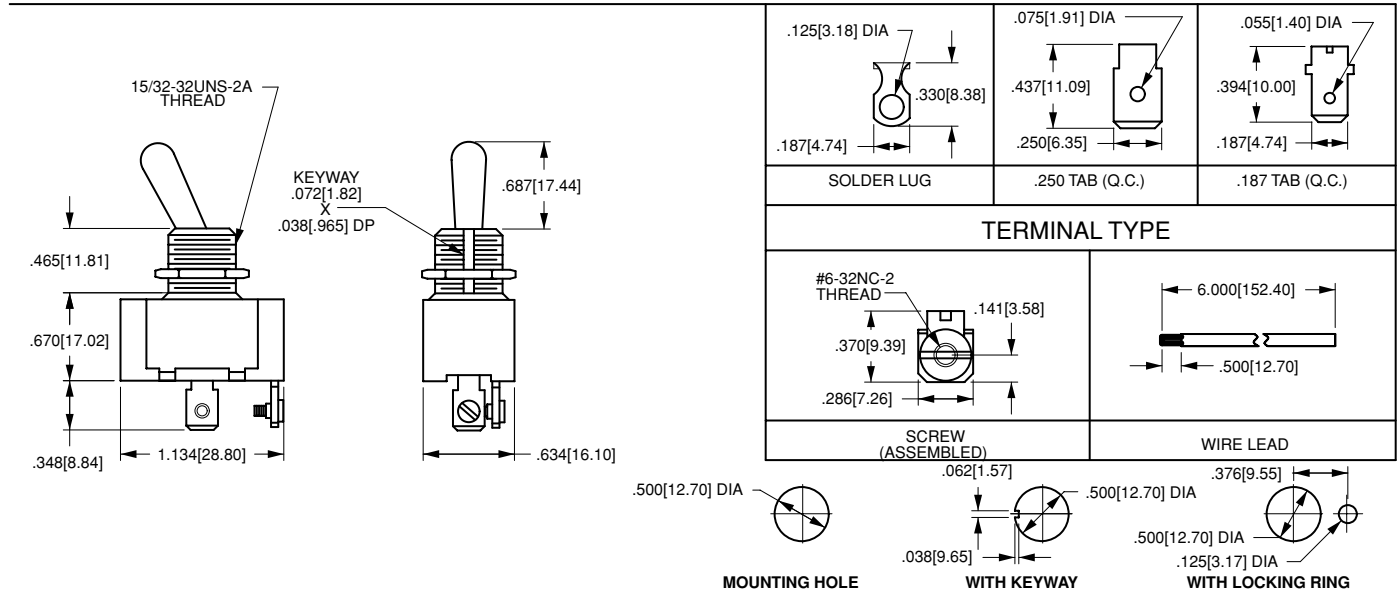
50,000 cycles- maintained
25,000 cycles- momentary

Mechanical Life

100,000 cycles

Operating Temperature

0°F to 150°F (-17.8°C to +65.6°C)



2FA54 - 73 / TABS

1 Base Part Number 2 Actuator Style 3 Tab Terminals

1 BASE PART NUMBER: SERIES/CIRCUITRY/RATING/TERMINATION'
10A 250VAC; 15A 125VAC; 3/4 HP 125-250VAC

	Solder Lugs	.250 Tabs	Screw Terminals
ON-NONE-OFF	2FA53	2FA53-.../TABS	2FA54
(ON)-NONE-OFF	6FA53	6FA53-.../TABS	6FA54
ON-NONE-(OFF)	6FA57	6FA57-.../TABS	6FA58
ON-NONE-ON	2FB53	2FB53-.../TABS	2FB54
ON-NONE-(ON)	6FB53	6FB53-.../TABS	6FB54
ON-OFF-ON	2FC53	2FC53-.../TABS	2FC54
ON-OFF-(ON)	6FC57	6FC57-.../TABS	6FC58
(ON-OFF)-(ON)	6FC53	6FC53-.../TABS	6FC54

Additional ratings up to 20A 125VAC, 12A 250VAC, 1HP 120-240 VAC available. Consult factory for specifics.

2 ACTUATOR STYLE
BAT STYLE TOGGLE²

	unsealed	sealed	toggle length	bushing length
73		78	0.687	0.465
E3		E8	2.000	0.465

3 TAB TERMINALS

/TABS	Tab Terminals
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NOTES

() indicates momentary function.