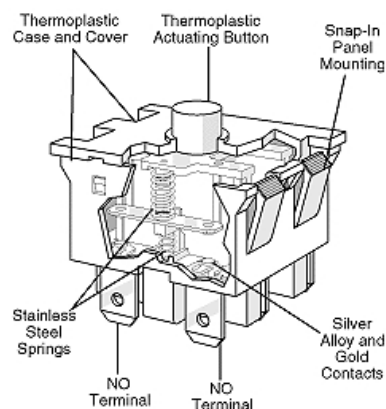


Two Circuit Line Interrupt Panel Mount Pushbutton Switch

FA Series



Features

- Compact size 1.26" L x 0.709" W
- Low operate force (400 grams max.)
- Choice of standard housing or button barrier
- Long stroke (Overtravel 4.3mm min.)
- Double make shorting bars
- Agency approved extended life standard
- 4mm (0.157") minimum contact gap

Electrical Ratings and Operating Life				
Switch Series	According to EN61058		According to UL1054	
	Nominal Load	Operation cycles	Nominal Load	Operation cycles
FA1	16(4) A 250VAC, 6A 28VDC	50,000	16A 125/250VAC, 6A 30VDC, 1A 50 VDC	100,000
FA2	10(3) A 250VAC, 3A 28VDC	50,000	10.1A 125/250VAC, 30A 30VDC	100,000
FA3	0.1 (0.5) A 250VAC 0.25A 28VDC	50,000	0.1A 125/250VAC 0.25A 30VDC	100,000
FA4	Mix of FA3 and FA1	50,000	Mix of FA3 and FA1	100,000

Technical Specifications		Material Specifications	
Temperature Rating:	-25°C to + 85°C	Case:	Thermoplastic Nylon
Flammability Rating:	UL94V-0	Actuator button:	Thermoplastic Nylon
Mechanical Life:	1,000,000 cycles min.	Terminals:	FA1, FA2: Copper (Silver Plated) FA3: Copper Alloy
Electrical Life:	100,000 cycles min.	Moving Blade:	FA1, FA2: Copper (Silver Plated) FA3: Copper
Insulation Resistance:	1000MΩ min (DC 500V) (As initial value)	Springs:	Stainless Steel
Dielectric Strength:	4000 V AC – for 1 minute	Contacts:	FA1, FA2: Silver Alloy FA3: Silver (Gold Plated)
Vibration Proof:	10-55 Hz Peak to peak amplitude		
Shock Proof:	294 m/s ²		
UL File Number:	E23301		

RoHS Compliant

Specifications subject to change without notice

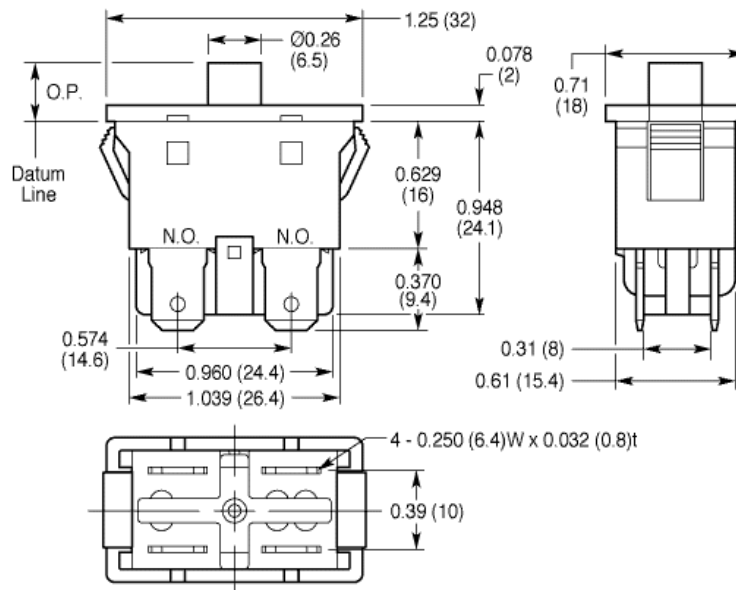


Two Circuit Line Interrupt Panel Mount Pushbutton Switch

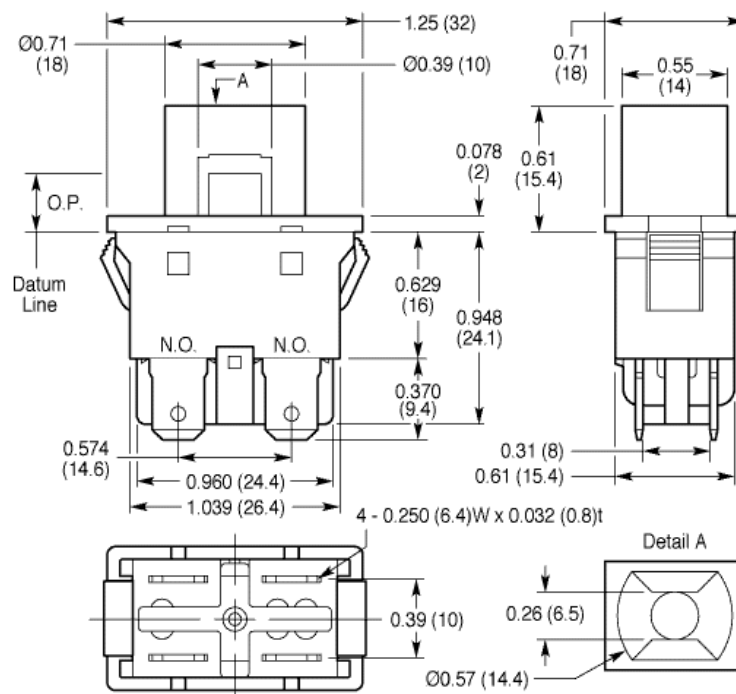
FA Series

Dimensions inches(mm)

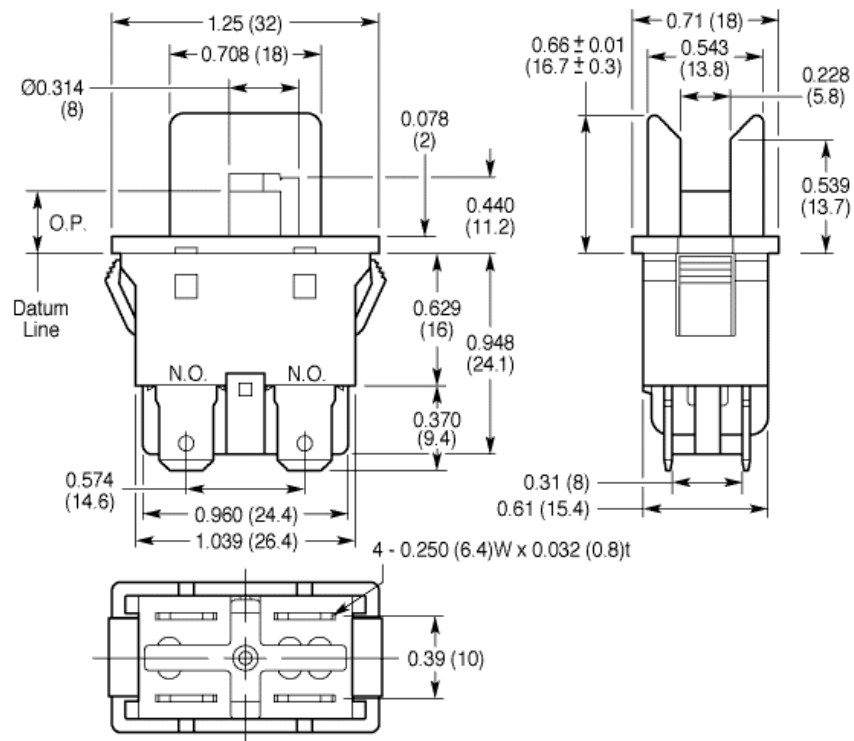
Case Style 'A'



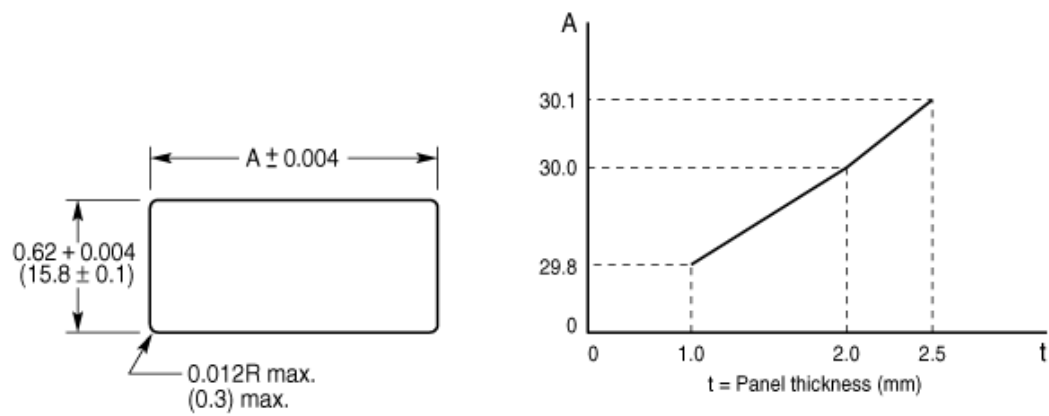
Case Style 'B'



Case Style 'C'



Panel Cutout Detail



Specifications subject to change without notice

Operating Characteristics

Switch Type		Operate Force Max cN	Operate Point mm	Overtravel Min. mm	Total Travel Force Max cN	Rest Position* mm
FA	☐ ☐ -AA ☐ ☐	392	7.2 +/- 0.5	4.3	686	9.6 +/- 0.5
FA	☐ ☐ -AB ☐ ☐	588	7.2 +/- 0.5	4.3	981	9.6 +/- 0.5

* Measured from Datum Line. Refer to dimensional drawing.

Ordering Information

FA

Series/
Prefix

1

Code

cULus

VDE, Semko, TUV

1

16A 125/250VAC
6A 30VDC, 1A 50VDC

16(4)A 250VAC
6A 28VDC

2

10.1A 125/250VAC
30A 30VDC

10(3) 250VAC
3A 28VDC

3

0.1A 125/250VAC
0.25A 30VDC

0.1(0.05)A 250VAC
0.25A 28VDC

4

Code 1 and Code 3

L

Code

Life Cycles

L

cULus approved
100,000 cycles

B

Code

Case

A

Without
actuator guide

B

Actuator guard
square type

C

Actuator guard
slit type

A

Code

Operating
Force
cN max.

A

392

B

588

2

Code

Terminal Type

1

0.187" x 0.020" *

2

0.250" x 0.032"

3

0.187" * and 0.250"

* 0.187" QC terminals are not
available with Rating Code 1

2

Code

Circuit
Configuration

2

DPST - NO x 2

3

SPST - NO x 1