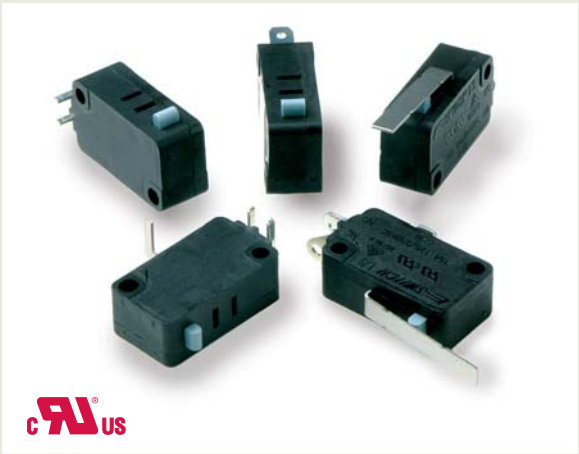
# SERIES LS SWITCHES

## SNAP ACTION SWITCHES



### SPECIFICATIONS

| | |
|---|---|
| Contact Rating: | Gold .4VA max. @ 20 VDC or VAC Max.<br>15 Amps @ 125/250 VAC-UL, CUL |
| Life Expectancy: | 10,000 VAC-UL, CUL / 50,000 cycles typical |
| Mechanical Life: | 1,000,000 cycles typical |
| Insulation Resistance: | 100 MΩ min. |
| Dielectric Strength: | 1,500 VAC for 60 seconds |
| Operating Temperature: | -25° C to 85° C (std) |
| Operating Force: | See Chart |

### FEATURES & BENEFITS

- Available in gold & 15amp versions
- Wide variety of actuator, operating force & termination options

### APPLICATIONS/MARKETS

- Appliance
- Timing controls
- Vending machines
- Gaming
- Industrial controls
- Power tools

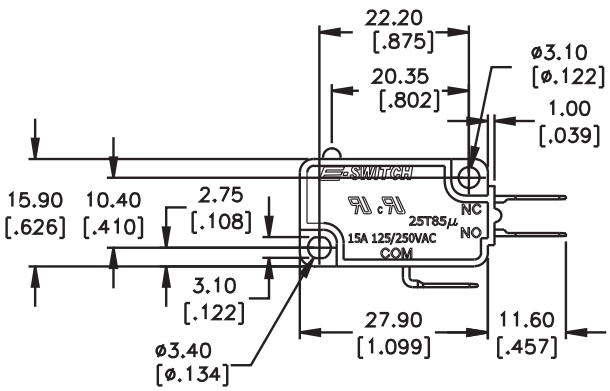
### HOW TO ORDER

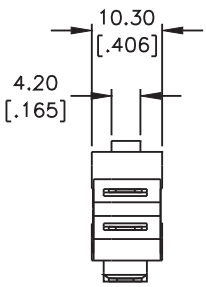
| SERIES | OPERATING TEMP. | CURRENT RATING | ACTUATOR | OPERATING FORCE | TERMINATION | CIRCUIT |
|---|---|---|---|---|---|---|
| LS | ☐☐☐ | ☐☐ | ☐☐ | F☐☐☐ | ☐☐ | ☐ |
| | 085 = 85C | R1 = Gold .4VA<br>15 = 15A | See Chart | See Chart | S1 = Solder Lug<br>C1 = 0.187" Quick Connect<br>C2 = 0.250" Quick Connect<br>V1 = Right Angle PCB Pin<br>V2 = Left Angle PCB Pin | A = SPDT<br>B = SPST NC<br>C = SPST NO |

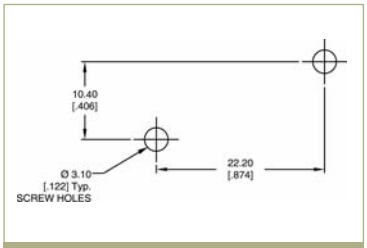
**Example Ordering Number**

LS–085–15–03–F040–C2–A

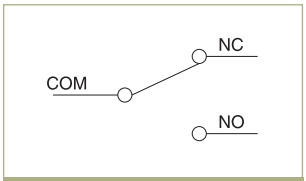
Specifications subject to change without notice 11.16.21




MOUNTING




SCHEMATIC

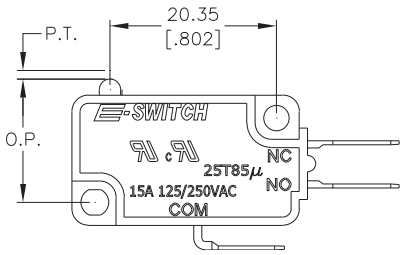
# SERIES LS SWITCHES

## SNAP ACTION SWITCHES

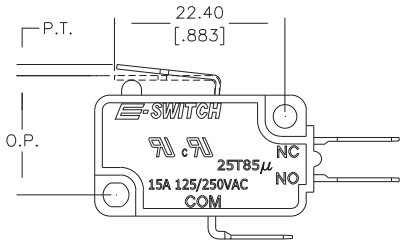


### ACTUATOR OPTIONS

**00**




**01**

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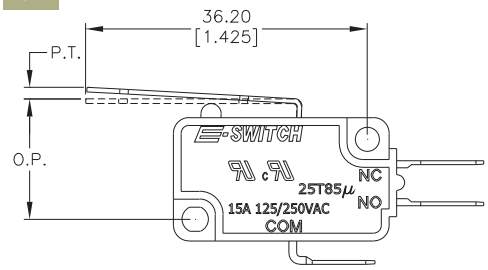


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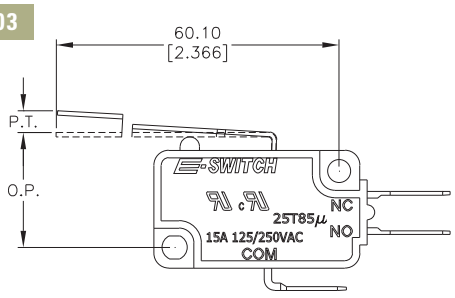


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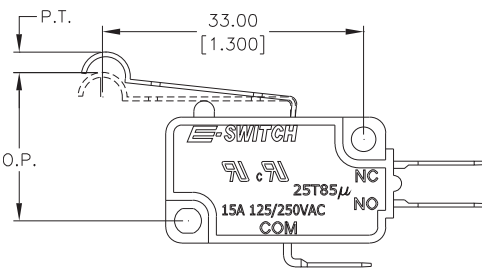


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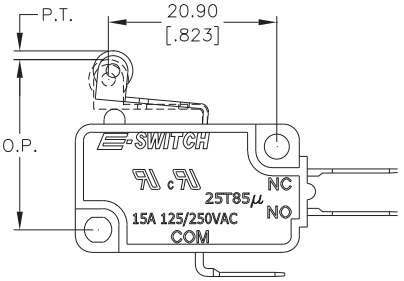


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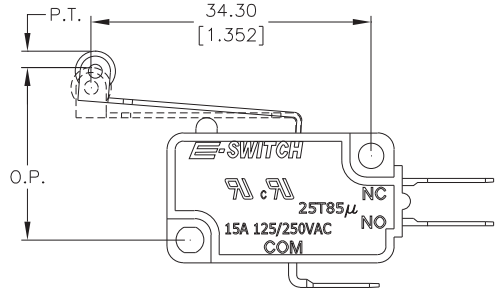


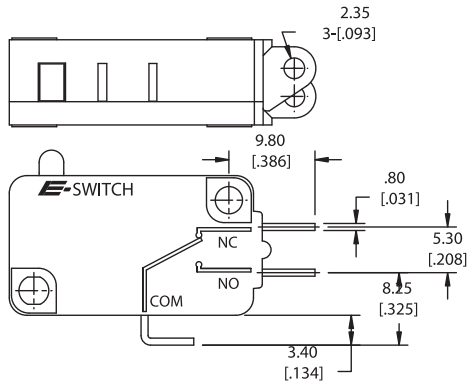

PT= Pretravel  OP= Operating Point  OT= Over Travel

**ACTUATOR AND OPERATING FORCE CHART**

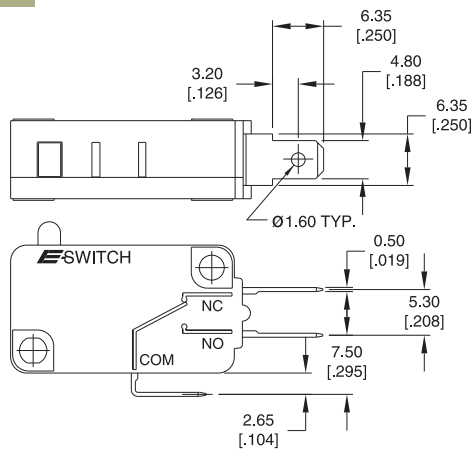
| Actuator | Actuation/Return Force | | | Pre-Travel | Operating Position |
|---|---|---|---|---|---|
| 00 | 100+/-30 | 160+/-40 | 250+/-50 | 2.0 max | 14.7+/-0.5 |
| 01 | 100+/-30 | 160+/-40 | 250+/-50 | 2.0 max | 15.3+/-0.5 |
| 02 | 45+/-20 | 75+/-25 | 120+/-40 | 4.1 max | 15.5+/-0.8 |
| 03 | 25+/-10 | 40+/-15 | 60+/-25 | 8.5 max | 15.3+/-2.0 |
| 04 | 50+/-20 | 85+/-30 | 140+/-40 | 5.2 max | 19.0+/-1.5 |
| 05 | 100+/-30 | 160+/-40 | 250+/-50 | 2.7 max | 20.7+/-0.8 |
| 06 | 45+/-15 | 75+/-25 | 120+/-40 | 5.5 max | 20.7+/-1.5 |

## TERMINATION OPTIONS

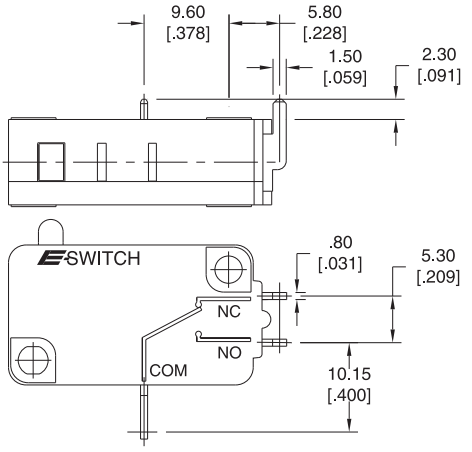
### S1 SOLDER LUG

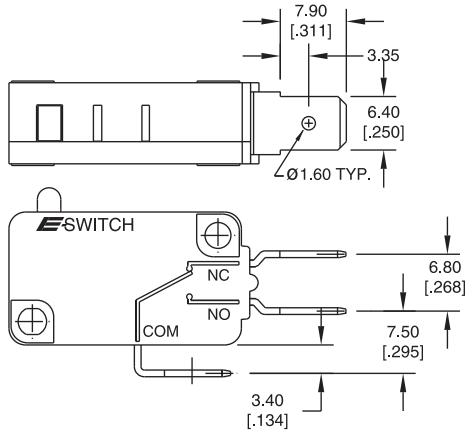



### C1 0.187" QUICK CONNECT




### V1 RIGHT ANGLE PCB PIN




### C2 0.250" QUICK CONNECT