

LS25 SERIES SNAP ACTION SWITCH



SPECIFICATIONS

Contact Arrangement: SPDT
Contact Rating Options: 125/250VAC @ 25A
Contact Resistance: 100mΩ MAX. (Initial)
Insulation Resistance: 100MΩ MIN. @ 500VDC
Dielectric Strength: 500VAC for 1 minute
Electrical Life: 10,000 Cycles
Mechanical Life: 1,000,000 Cycles
Operating Temperature: -25°C to +85°C
Operating Force (OF): 400gf MAX.
IP Rating: IP40
Free Position (FP): IP40
OverTravel (OT): 0.80mm
Operating Position (OP): 14.8mm ~ 22.8mm
Switch Dimensions: 27.8mm x 10.3mm x 15.9mm

FEATURES & BENEFITS

Plunger or lever actuator options
Long life cycle
IP40 rated
Multiple termination options

PART NUMBER CONFIGURATOR

Series

LS25

Actuator Options

00 - Round, Pin Plunger 400gf
01 - Lever, Straight 350gf
02 - Lever, Straight 160gf
03 - Lever, Straight 90gf
04 - Lever, Simulated Roller 180gf
05 - Lever, Roller 350gf
06 - Lever, Roller 180gf

Operating Force

F090 - 90gf
F160 - 160gf
F180 - 180gf
F350 - 350gf
F400 - 400gf

Termination

S1 - Solder Lug
C1 - Quick Connect - 0.187"
C2 - Quick Connect - 0.250"

Circuit

A - SPDT

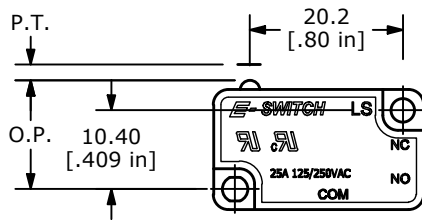
LS25 SERIES SNAP ACTION SWITCH

ACTUATOR OPTIONS

00 ROUND, PIN PLUNGER 400gf

O.P. (MM)	P.T. (MM)
14.35±0.5	2.1 MAX.

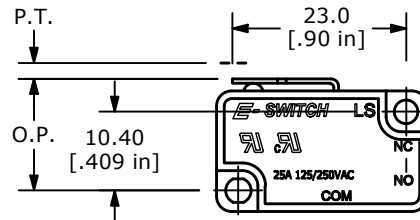
O.P. = OPERATING POINT
P.T. = PRE-TRAVEL



01 LEVER, STRAIGHT 350gf

O.P. (MM)	P.T. (MM)
14.75±1.0	2.1 MAX.

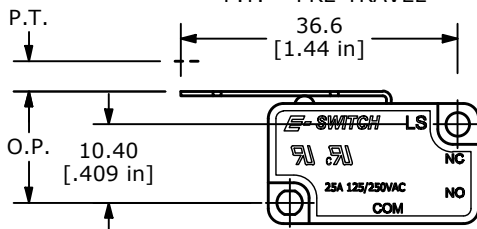
O.P. = OPERATING POINT
P.T. = PRE-TRAVEL



02 LEVER, STRAIGHT 160gf

O.P. (MM)	P.T. (MM)
14.05±1.0	4.7 MAX.

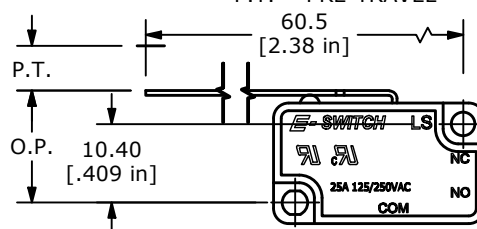
O.P. = OPERATING POINT
P.T. = PRE-TRAVEL



03 LEVER, STRAIGHT 90gf

O.P. (MM)	P.T. (MM)
12.05±2.0	9.7 MAX.

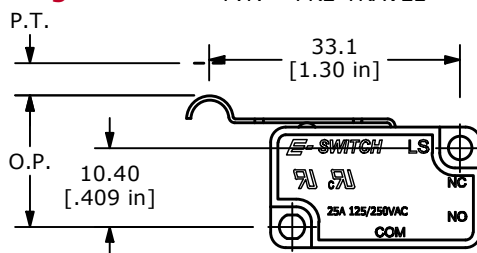
O.P. = OPERATING POINT
P.T. = PRE-TRAVEL



04 LEVER, SIMULATED ROLLER 180gf

O.P. (MM)	P.T. (MM)
17.4±1.5	4.3 MAX.

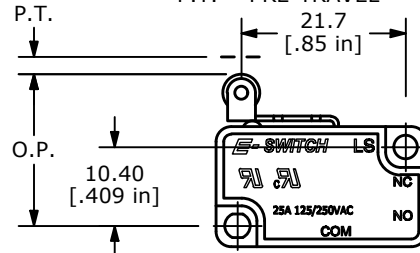
O.P. = OPERATING POINT
P.T. = PRE-TRAVEL



05 LEVER, ROLLER 350gf

O.P. (MM)	P.T. (MM)
20.05±1.0	2.3 MAX.

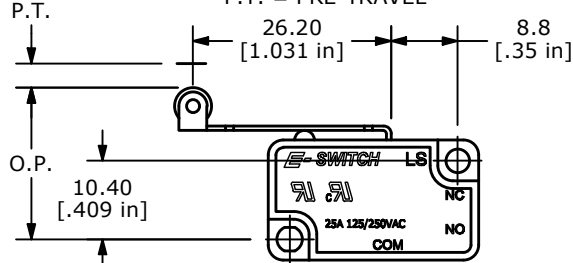
O.P. = OPERATING POINT
P.T. = PRE-TRAVEL



06 LEVER, ROLLER 180gf

O.P. (MM)	P.T. (MM)
20.05±1.5	4.7 MAX.

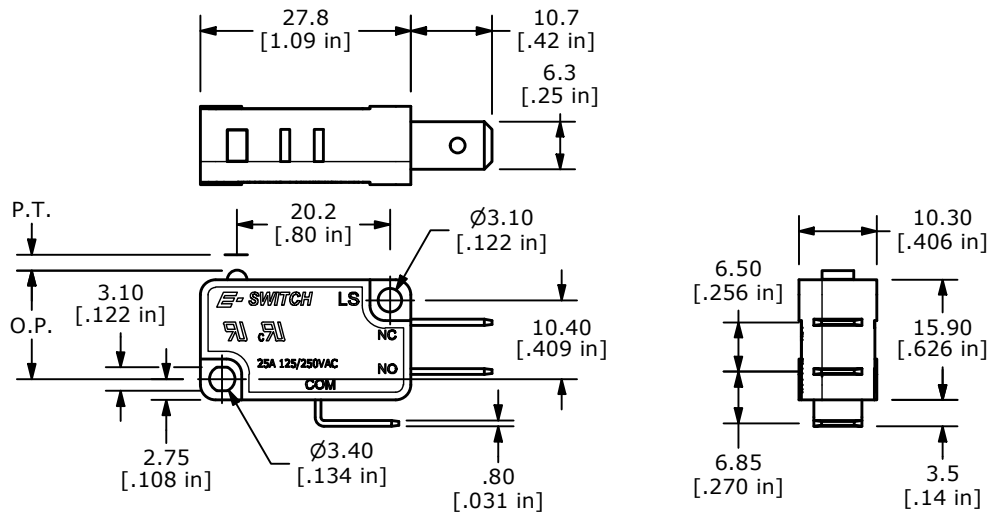
O.P. = OPERATING POINT
P.T. = PRE-TRAVEL



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TERMINATION OPTIONS

C2 - QUICK CONNECT - 0.250"



MOUNTING AND SCHEMATIC

