

SERIES LS SWITCHES

SNAP ACTION SWITCHES



E-SWITCH®



us

SPECIFICATIONS

Contact Rating:	Gold .4VA max. @ 20 VDC or VAC Max. 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

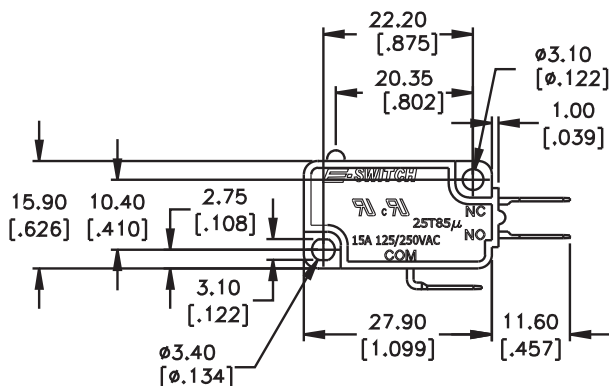
SERIES	OPERATING TEMP.	CURRENT RATING	ACTUATOR	OPERATING FORCE	TERMINATION	CIRCUIT
LS						
	085 = 85C	R1 = Gold .4VA 15 = 15A	See Chart	See Chart	S1 = Solder Lug C1 = 0.187" Quick Connect C2 = 0.250" Quick Connect V1 = Right Angle PCB Pin V2 = Left Angle PCB Pin	A = SPDT B = SPST NC C = SPST NO



Example Ordering Number

LS-085-15-03-F040-C2-A

Specifications subject to change without notice 11.16.21





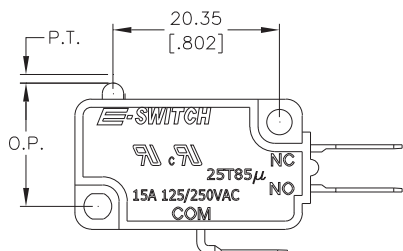
SERIES LS SWITCHES

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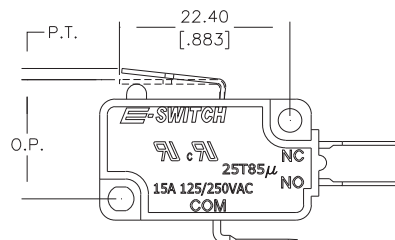
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

ACTUATOR OPTIONS

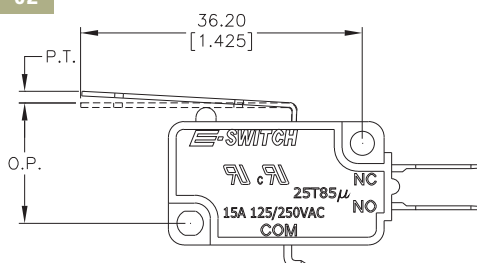
00



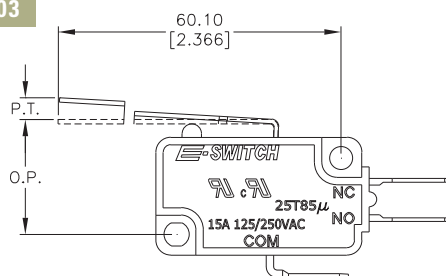
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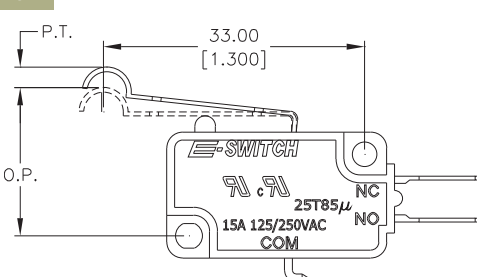
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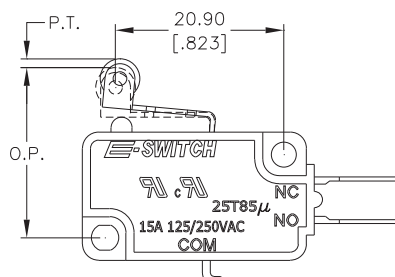
03



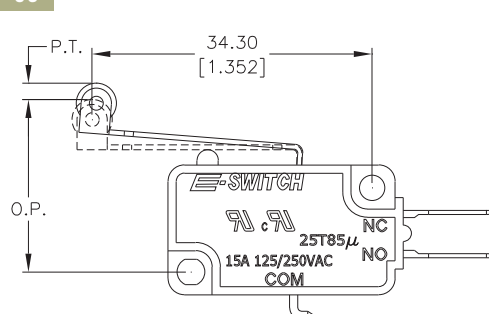
04



05



06



ACTUATOR AND OPERATING FORCE CHART

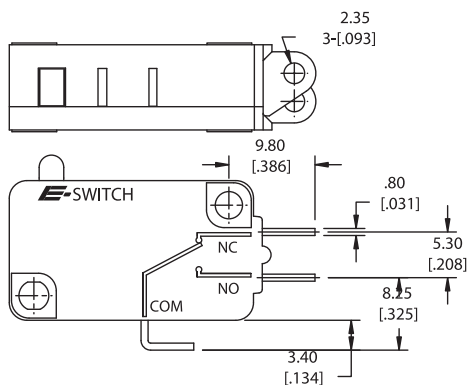
Actuator	Actuation/Return Force			Pre-Travel	Operating Position
00	100+/-30	160+/-40	250+/-50	2.0 max	14.7+/-0.5
01	100+/-30	160+/-40	250+/-50	2.0 max	15.3+/-0.5
02	45+/-20	75+/-25	120+/-40	4.1 max	15.5+/-0.8
03	25+/-10	40+/-15	60+/-25	8.5 max	15.3+/-2.0
04	50+/-20	85+/-30	140+/-40	5.2 max	19.0+/-1.5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

PT= Pretravel OP= Operating Point OT= Over Travel

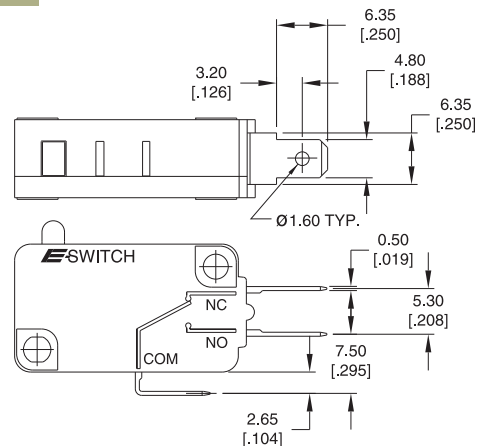


TERMINATION OPTIONS

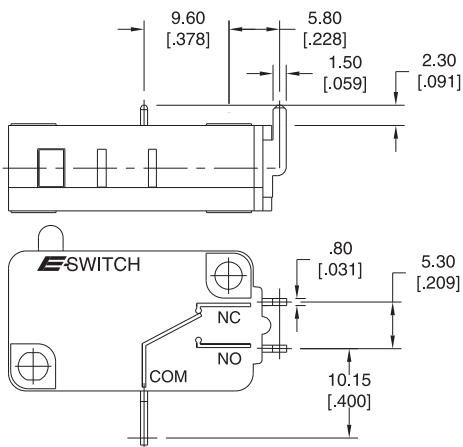
S1 SOLDER LUG



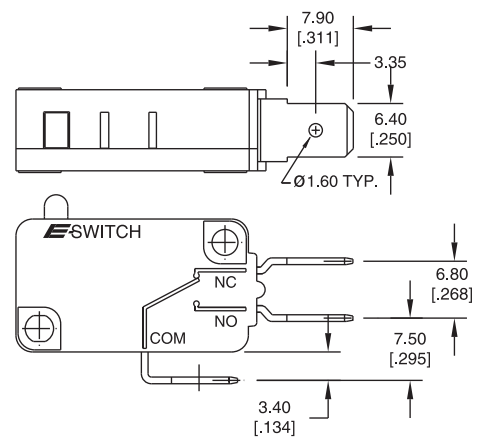
C1 0.187" QUICK CONNECT



V1 RIGHT ANGLE PCB PIN



C2 0.250" QUICK CONNECT

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SWITCHESNAVIGATION
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SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

<u>LS0851500F100C2A</u>	<u>LS0851505F250C1A</u>	<u>LS0851500F160C1A</u>	<u>LS0851500F100C1A</u>	<u>LS0851504F085C1A</u>
<u>LS0851503F040C1A</u>	<u>LS0851502F075C1A</u>	<u>LS0851506F120C1A</u>	<u>LS0851500F100V2B</u>	<u>LS0851500F250S1C</u>
<u>LS0851500F250V1A</u>	<u>LS0851502F045C2A</u>	<u>LS0851502F075C1C</u>	<u>LS0851502F120C1A</u>	<u>LS0851502F120V1A</u>
<u>LS0851503F025C2A</u>	<u>LS0851500F250C1A</u>	<u>LS0851502F045C1A</u>	<u>LS0851506F120C2C</u>	<u>LS0851505F160C1A</u>
<u>LS0851500F250S1A</u>	<u>LS0851505F100C1A</u>	<u>LS0851501F250C2C</u>	<u>LS0851506F0450C1A</u>	<u>LS0851507F100V1A</u>
<u>LS085R100F250S1C</u>	<u>LS085R101F100C2A</u>	<u>LS085R101F250V1A</u>	<u>LS0851504F050S1A</u>	<u>LS085R105F100C1A</u>
<u>LS0851504F085C2A</u>	<u>LS0851504F125C2A</u>	<u>LS0851506F120C1B</u>	<u>LS0851506F120C2B</u>	<u>LS085R110F060C1B</u>
<u>LS0851506F120V2A</u>	<u>LS0851507F100C1A</u>	<u>LS0851512F110C1A</u>	<u>LS085R100F080C2A</u>	<u>LS085R107F100C1A</u>
<u>LS0851501F160V1A</u>	<u>LS0851506F120V1A</u>	<u>LS0851500F050C1A</u>		