

SNAP ACTION SWITCHES



E-SWITCH®



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 M Ω 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

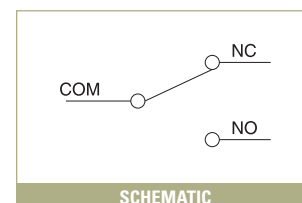
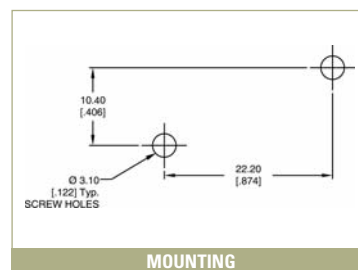
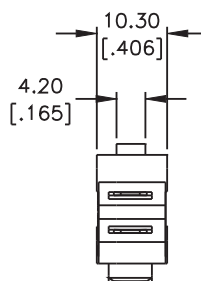
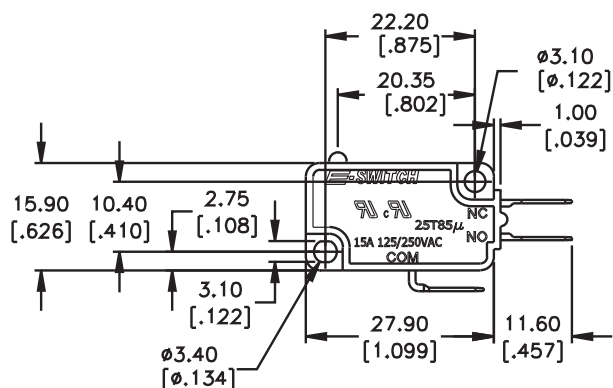
HOW TO ORDER

SERIES LS	OPERATING TEMP. 	CURRENT RATING 	ACTUATOR 	OPERATING FORCE F 	TERMINATION 	CIRCUIT 
	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



TACT SWITCHES

NAVIGATION SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

ROCKER SWITCHES

SLIDE SWITCHES

SNAP-ACTION SWITCHES

DIP SWITCHES

KEYLOCK SWITCHES

ROTARY SWITCHES

DETECTOR
SWITCHESCAP
OPTIONS



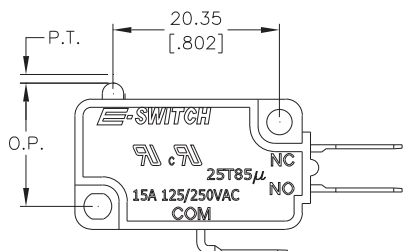
SERIES LS SWITCHES

SNAP ACTION SWITCHES

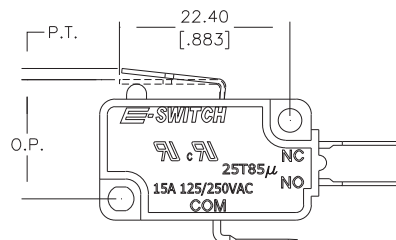
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

ACTUATOR OPTIONS

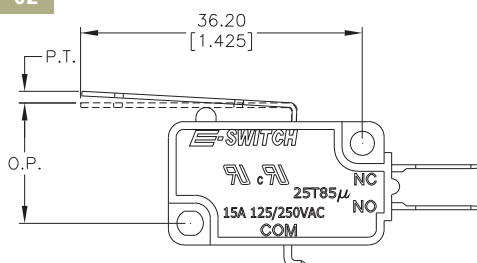
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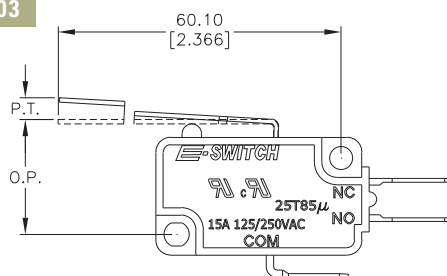
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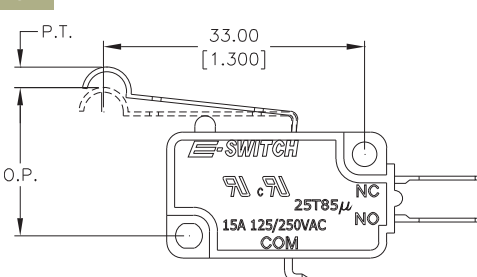
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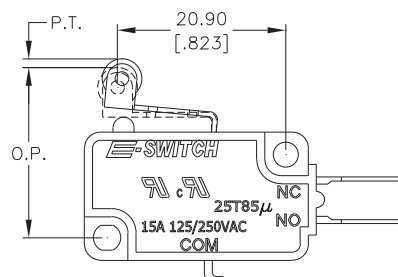
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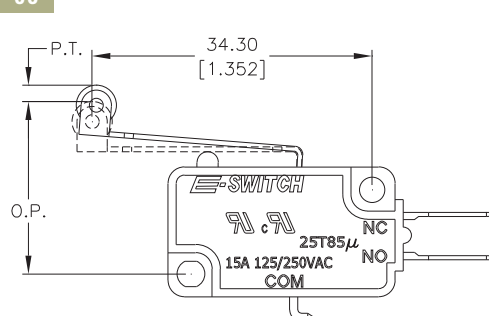
04



05



06



ACTUATOR AND OPERATING FORCE CHART

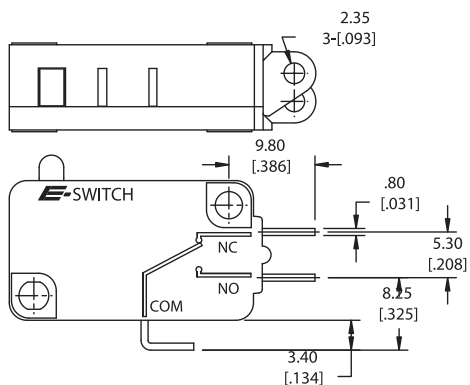
Actuator	Actuation/Return Force			Pre-Travel	Operating Position
00	100+/-30	160+/-40	250+/-50	2.0 max	14.7+/-0.5
01	100+/-30	160+/-40	250+/-50	2.0 max	15.3+/-0.5
02	45+/-20	75+/-25	120+/-40	4.1 max	15.5+/-0.8
03	25+/-10	40+/-15	60+/-25	8.5 max	15.3+/-2.0
04	50+/-20	85+/-30	140+/-40	5.2 max	19.0+/-1.5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

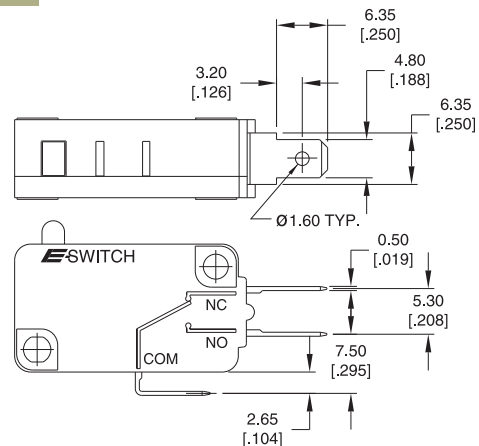


TERMINATION OPTIONS

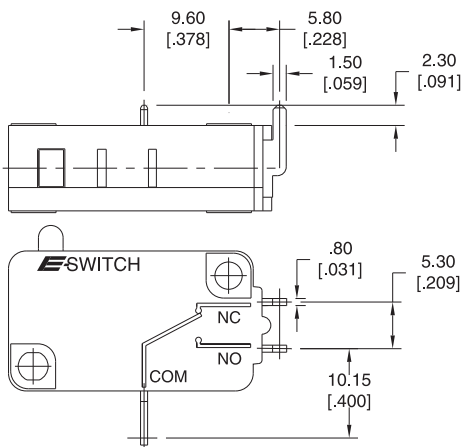
S1 SOLDER LUG



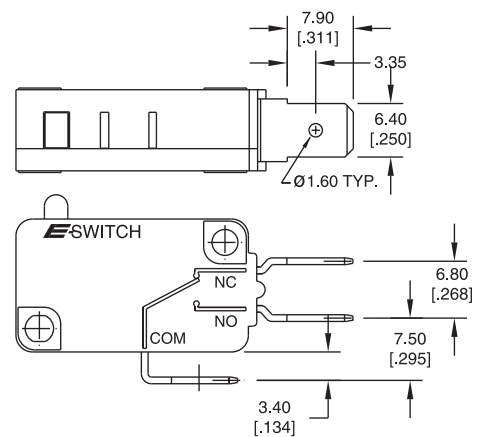
C1 0.187" QUICK CONNECT



V1 RIGHT ANGLE PCB PIN



C2 0.250" QUICK CONNECT

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

Mouser Electronics

Authorized Distributor

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

E-Switch:

LS0851505F160V1A	LS0851500F160C2A	LS0851500F100C2A	LS0851505F250C1A	LS0851500F160C1A
LS0851500F100S1A	LS0851504F140C1A	LS0851503F040C1C	LS0851500F100C1A	LS0851504F085C1A
LS0851502F045S1A	LS0851503F040C1A	LS0851502F075C1A	LS0851502F075S1A	LS0851506F120C1A
LS0851500F100C2C	LS0851500F100V2A	LS0851500F100V2B	LS0851500F100V2C	LS0851500F160C1B
LS0851500F160C2B	LS0851500F160C2C	LS0851500F160S1A	LS0851500F160V1A	LS0851500F160V2A
LS0851500F250C1B	LS0851500F250S1C	LS0851500F250V1A	LS0851500F250V1C	LS0851500F250V2A
LS0851501F100C1A	LS0851501F160C2A	LS0851502F045C2A	LS0851502F075C1C	LS0851502F120C1A
LS0851502F120C1C	LS0851502F120V1A	LS0851503F025C2A	LS0851504F050C2C	LS0851504F085C2B
LS0851505F160C2B	LS0851505F250V1A	LS0851506F120C2A	LS085R100F100C1A	LS085R100F160C1A
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LS085R100F100C2A	LS085R101F160V1A	LS085R105F160V1A	LS0851500F100V1C	LS0851503F025C1A
LS085R106F120C1C	LS085R100F250V1A	LS0851502F075C2A	LS085R100F100V2A	LS0851505F250S1A
LS085R101F160V2A	LS0851504F050C2A	LS085R100F100V1A	LS0851502F045C2C	LS085R102F120C1C
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LS0851505F100C1A	LS0851506F045S1A	LS0851505F250C2A	LS085R106F120C2B	LS0851500F250C2C
LS085R100F160C2A	LS085R102F045C2A	LS085R104F140C1C	LS0851505F160C2A	LS0851501F250C2C
LS0851506F0450C1A	LS085R100F250S1C	LS085R101F100C2A	LS085R101F250V1A	LS0851504F050S1A