



Specifications

Electrical Ratings	Evaluated to UL 61058-1 1/2hp @ 125VAC/250VAC; T120 10.1A @ 277VAC resistive; T120 10.1A @ 125VAC inductive; T120
	Evaluated to UL 1054 16A @ 125VAC/250VAC resistive; T120 6A @ 125VAC/250VAC general purpose; T120 5A @ 125VAC inductive; T120

Electrical Life	100,000 cycles, typical
Mechanical Life	10,000,000 cycles, typical
Contact Resistance	< 20m Ω initial
Actuation Forces	80gF, 110gF or 180gF Latching - 400gF only
Dielectric Strength	1000Vrms min. @ sea level
Insulation Resistance	≥ 100MΩ min
Operating Temperature	-40°C to +120°C
Storage Temperature	-40°C to +120°C

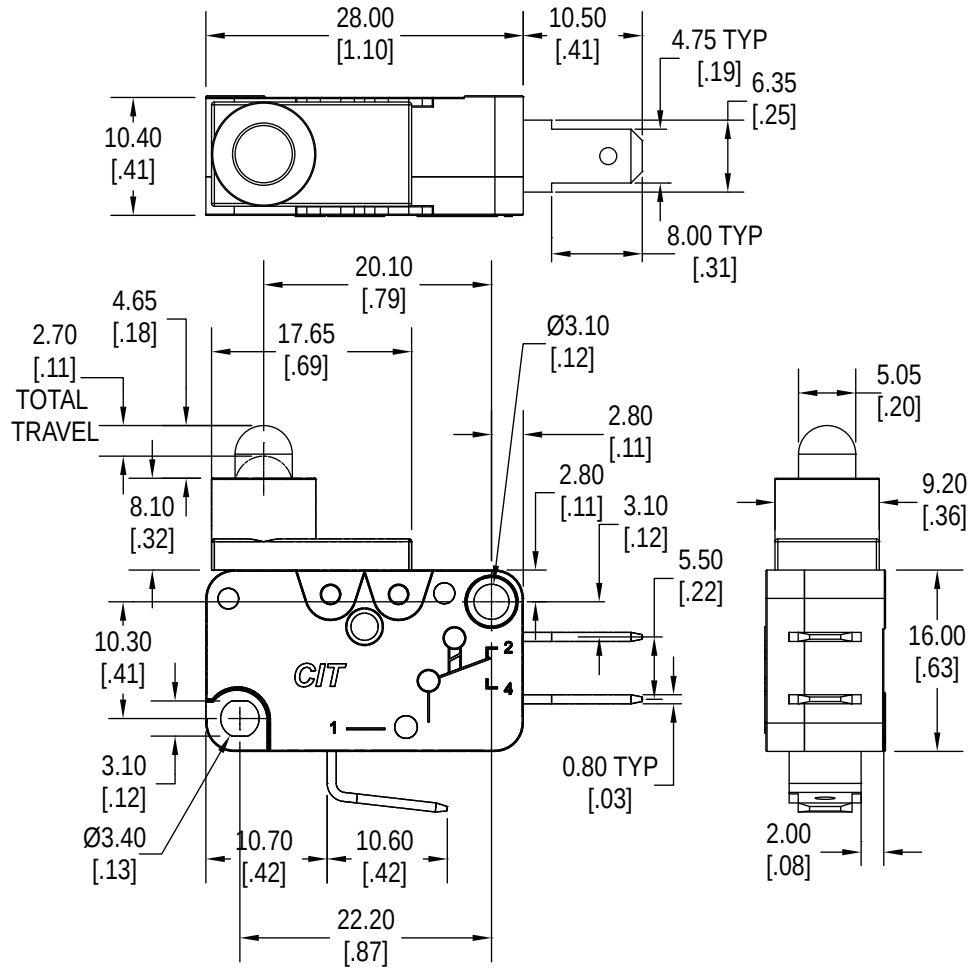
Materials

Base / Cover	Polybutylene Terephthalate (PBT), UL94-V0
Pin Plunger	Polybutylene Terephthalate (PBT), UL94-V0
Contacts	Silver Alloy
Terminals	Copper Alloy, Silver Plated
Latching Actuator	POM
Latching Base	POM

Ordering Information

1. Series	VM3	C	Q	F080	1	L00
VM3 (momentary) VM3L (latching)						
2. Circuit A = SPST NO B = SPST NC C = SPDT						
3. Contact Material Q = Silver						
4. Operating Force without lever **Contact factory for other force options F080 = 80gF F110 = 110gF F180 = 180gF F400 = 400gF - Latching Option Only						
5. Termination 1 = 0.250" Quick Connect 2 = 0.187" Quick Connect						
6. Actuator (Lever) *VM3L only available with L00 Actuator only L00 = Pin plunger L01 = Roller lever, standard L02 = Simulated roller L03 - Hinge lever, standard L04 = Hinge lever, short L06 = Roller lever, short L07 = Hinge lever, long						

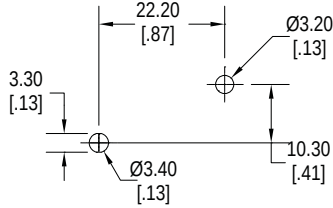
Dimensions - Latching



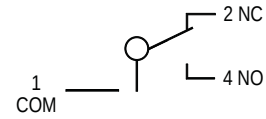
VM3

Snap Action

Panel Mounting

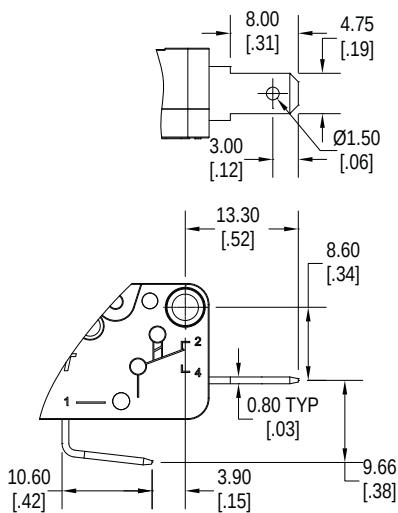


Schematic

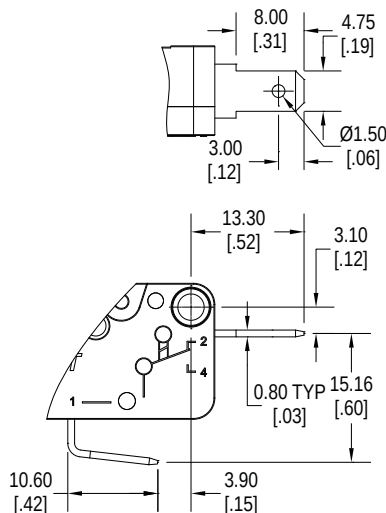


Terminal Options

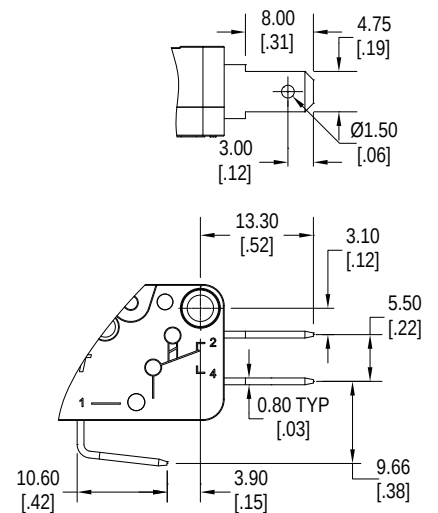
.187" Quick Connect Terminals



SPST N.O.

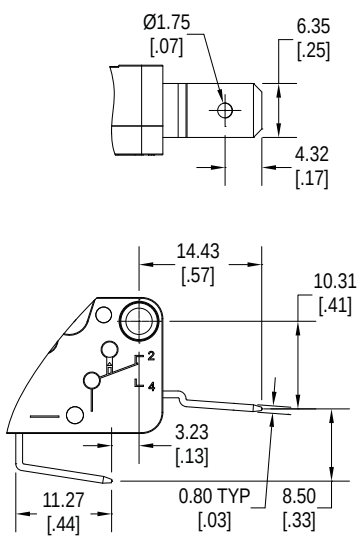


SPST N.C.

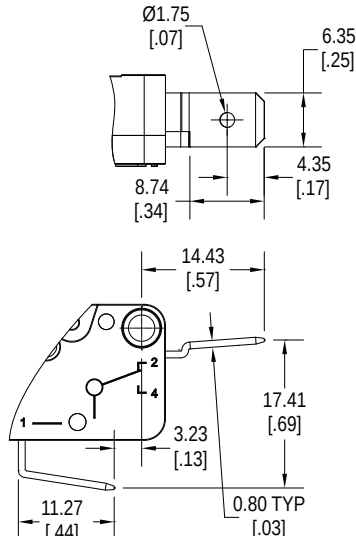


SPDT

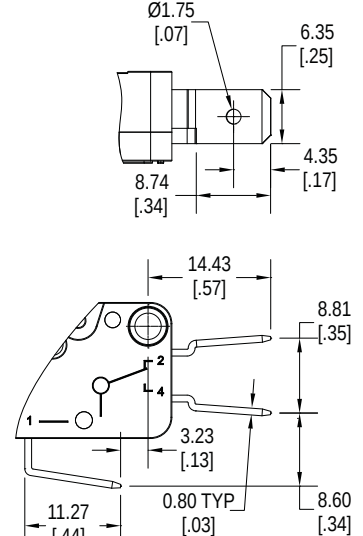
.250" Quick Connect Terminals



SPST N.O.

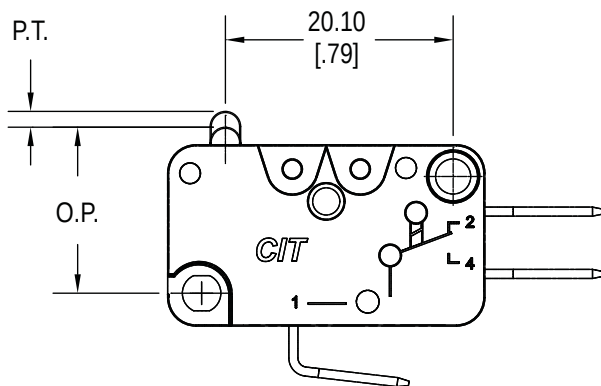
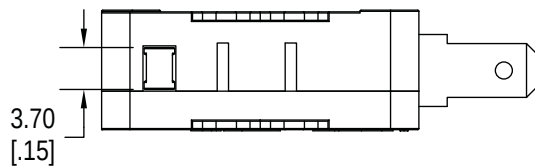


SPST N.C.

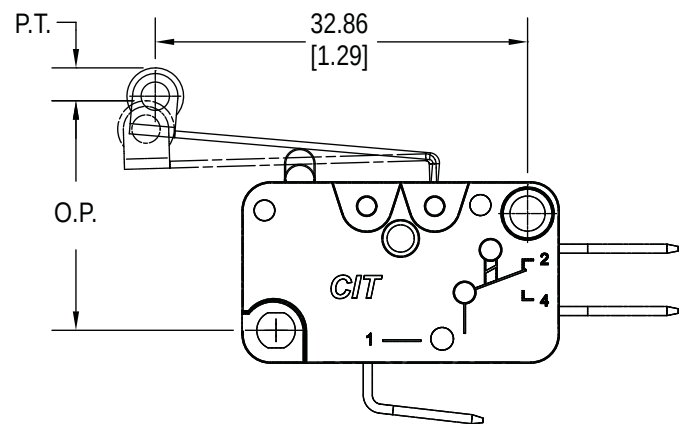
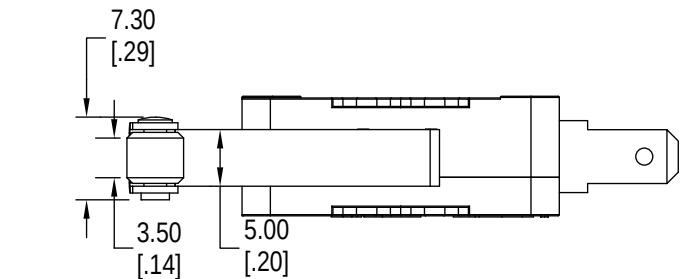


SPDT

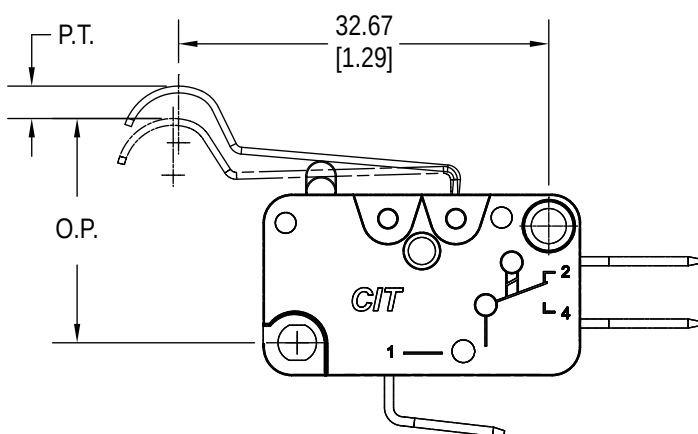
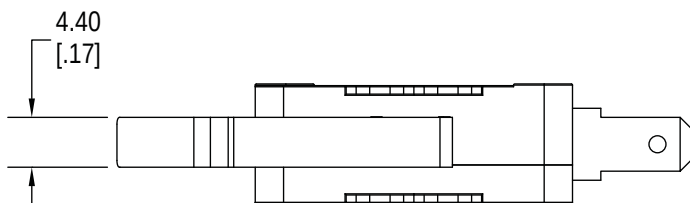
Levers



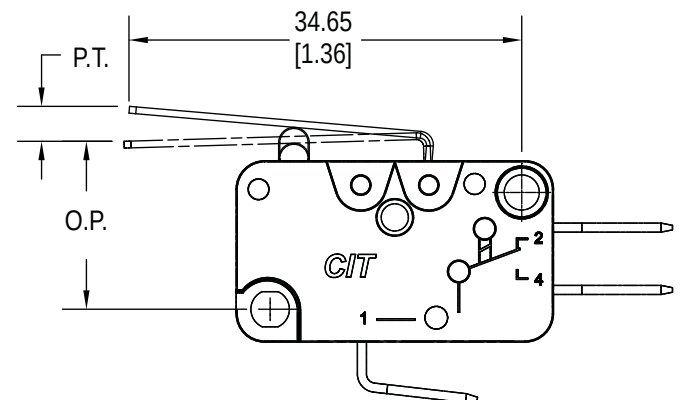
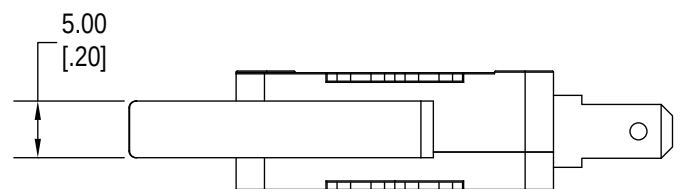
L00



L01



L02

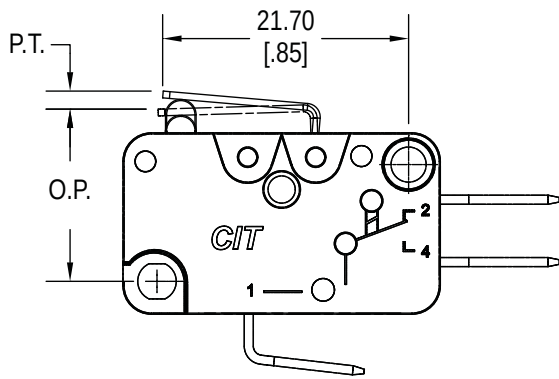
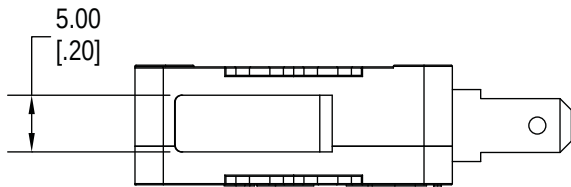


L03

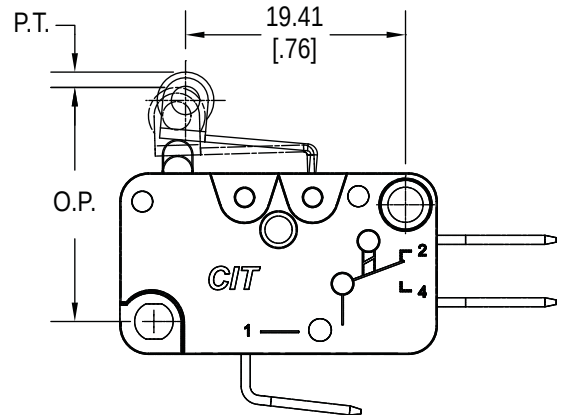
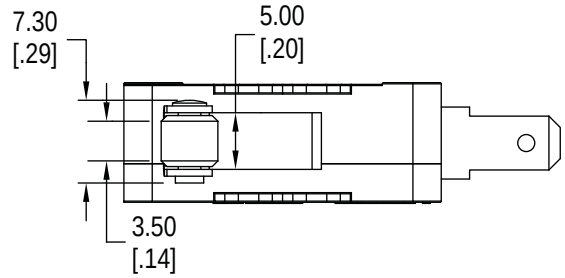
VM3

Snap Action

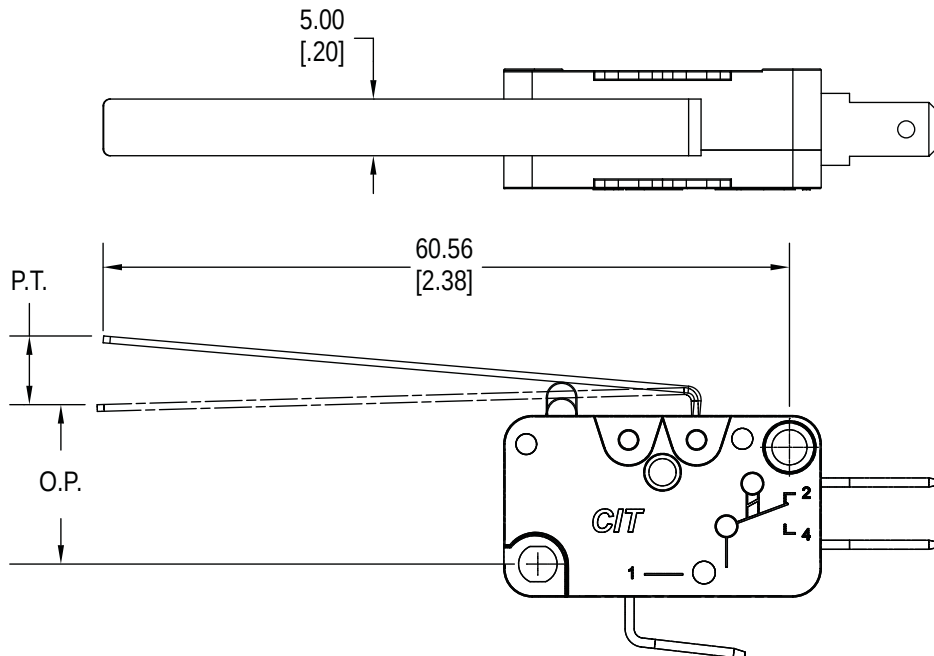
Levers



L04



L06



L07