



SPECIFICATIONS

CONTACT RATING: 12Amps @125/250 VAC

MECHANICAL LIFE: 30,000 make-and-break cycles.

CONTACT RESISTANCE: 20mΩ max. initial @ 2-4VDC
100mA for both silver and gold plated contacts.

INSULATION RESISTANCE: 1,000 MΩ min. @ 500 VAC

DIELECTRIC STRENGTH: 1,500 Vrms min.@s ea level (initial)

OPERATING TEMPERATURE: -30°C to 85°C.

MATERIALS

CASE: Nylon (UL94v-0).

ACTUATOR: Brass,Tin-cobalt alloy over Ni plated.

CAP: PBT, yellow

BUSHING: Zinc, Silicone

CONTACT: Copper alloy, silver plated

TERMINALS: Copper alloy, nickel plated.

SOLDERING PROCESS

MANUAL SOLDERING: Use 30 watts soldering iron and controlled the temperature at 350°
Duration of solder immersion: Max. 5 sec.

WAVE SOLDERING: Recommend soldering temperature: 260 ±5°C
Duration of solder immersion: Max. 5 sec.
(PCB thickness is 1.6mm(0.063 inch))

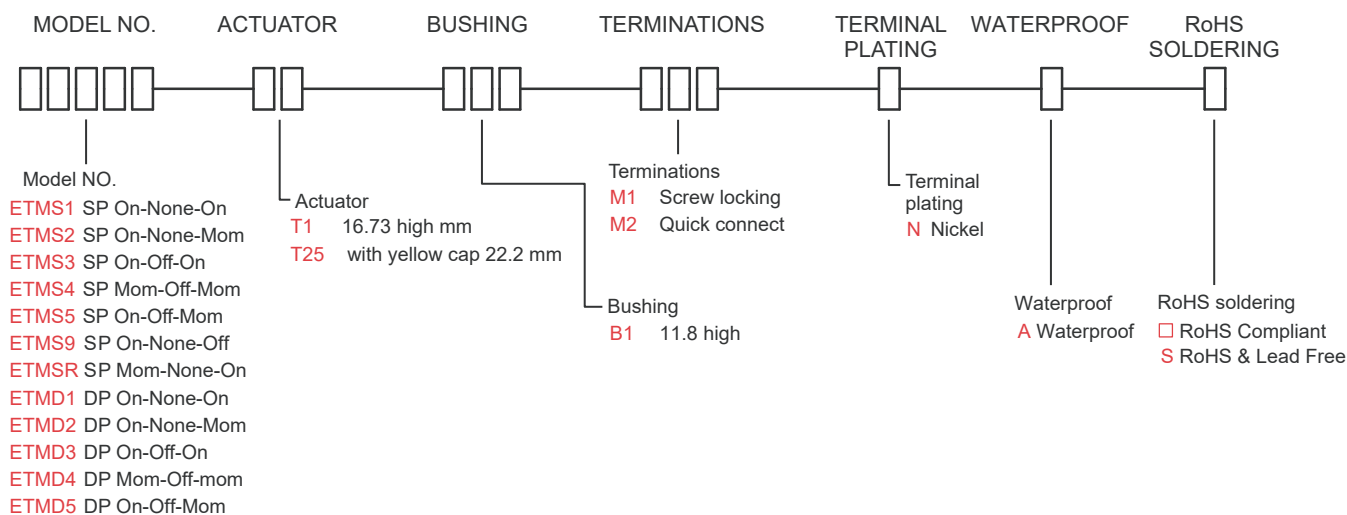


IP 67
ACCORDING TO
EN 60529 1991+A1:2001
IEC 60529:2001

C US
E 187490

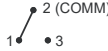
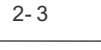


HOW TO ORDER



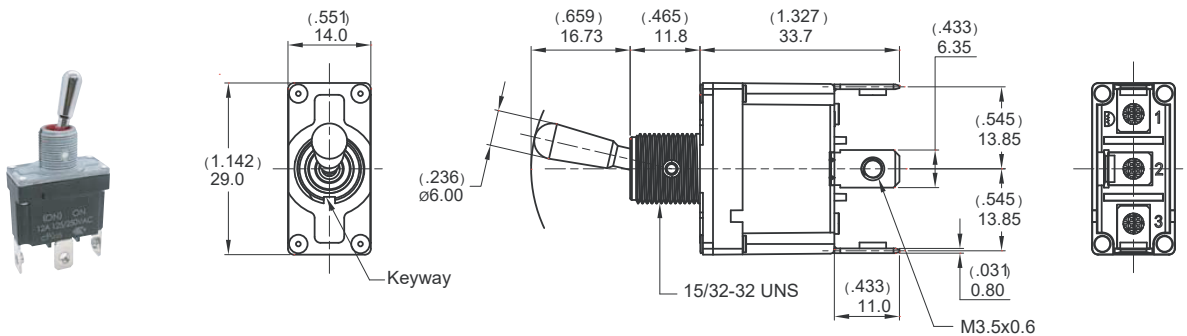
Note: Specifications and availability subject to change without notice.

SWITCH FUNCTION

No. Poles	Model No.	Switch Function			Connected Terminals / Schematic			
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3	
								
SP	S1	ON	NONE	ON	2-3 	N/A	2- 1 	
	S2	ON	NONE	MOM		OPEN		
	S3	ON	OFF	ON				
	S4	MOM	OFF	MOM	2-3 	N/A	OPEN	
	S5	ON	OFF	MOM		N/A	2- 1	
	S9	ON	NONE	OFF				
	SR	MOM	NONE	ON				
DP	D1	ON	NONE	ON	2- 3, 5- 6 	N/A	2- 1, 5- 4 	
	D2	ON	NONE	MOM		OPEN		
	D3	ON	OFF	ON				
	D4	MOM	OFF	MOM				
	D5	ON	OFF	MOM				

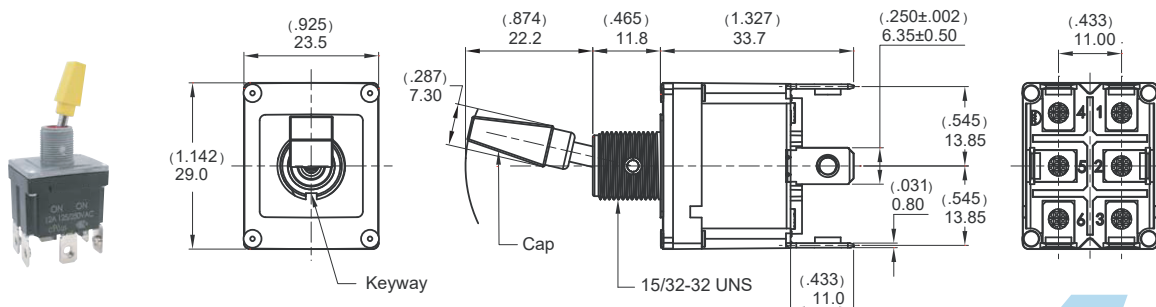
MOM= MOMENTARY

POLE OPTIONS



SPDT

Model name. ETMS1T1B1M1NAS

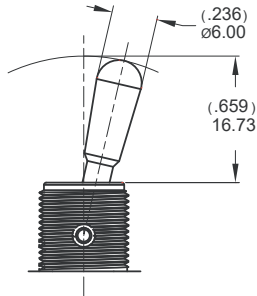


DPDT

Model name. ETMD1T25B1M1NAS

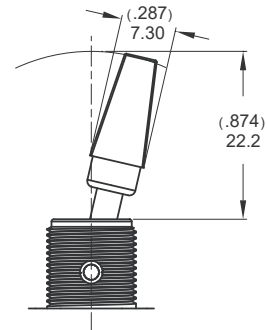
ACTUATOR OPTIONS

T1



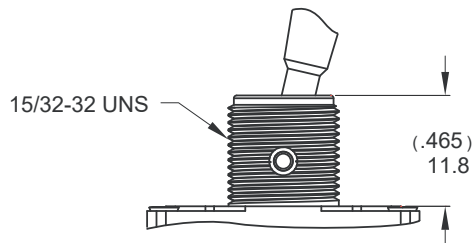
T25

With yellow cap



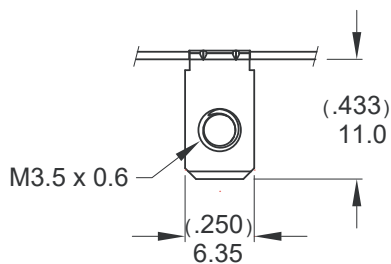
BUSHING OPTIONS

B1



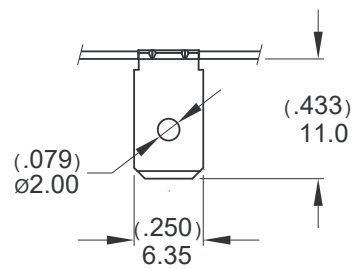
TERMINAL OPTIONS

M1 Screw locking



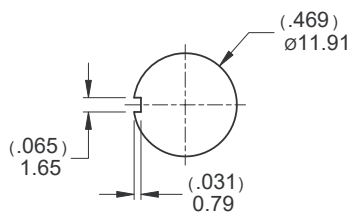
.031 inch (0.80 mm) THK.

M2 Quick connect

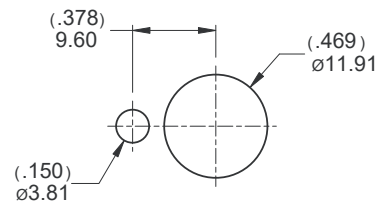


.031 inch (0.80 mm) THK.

PANEL MOUNTING



Without locking ring

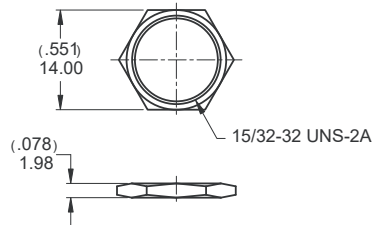


With standard locking ring

HARDWARE

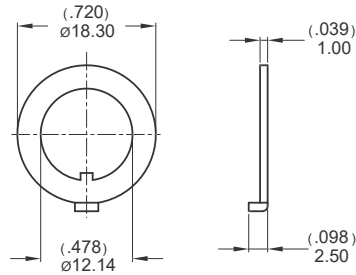
Hex Nut

Model name. MNU-1M07



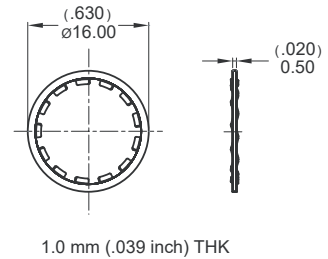
Locking Ring

Model name. NV-MNU-1M08-ZB



Lock Washer

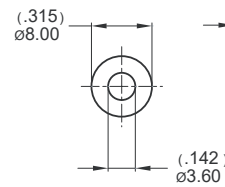
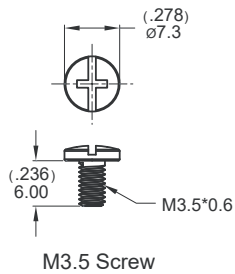
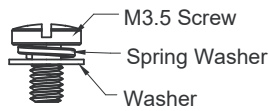
Model name. MNU-1M74



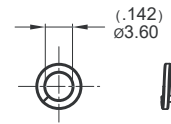
M3.5 Screw Assembly

Model name. YA7-1H

Available with terminal M1 only.



Washer



Spring Washer