

Specifications

Mechanical Life: 30,000 make-and-break cycles.
Electronics life: 30,000 make-and-break cycles at full load.
Contact Resistance: 20 mΩ max. (initial value) @ 2-4 VDC 100 mA for both silver and gold plated contacts.
Insulation Resistance: 1,000 MΩ min. at 500 VDC
Dielectric Strength: 1,500 Vrms min. @ sea level (initial value).
Operating Temperature: -30°C to 85°C.

Contact & Terminal Plating Options:

	Contact Plating	Terminal Plating	Rating
N	Silver	Nickel	12 Amps @125 / 250 VAC.

Ingree Protection:   IP 67 ACCORDING TO EN 60335-1:1991+A1:2001 IEC 60335-1:2001   

Materials

Case: Nylon (UL 94 V-0)
Actuator: Brass, Tin-Cobalt alloy over Ni plated.
Cap: PBT, Yellow.
Bushing: Zinc+Silicone.
Contact: Copper, Silver plated.
Terminal: Copper, Nickel plated.

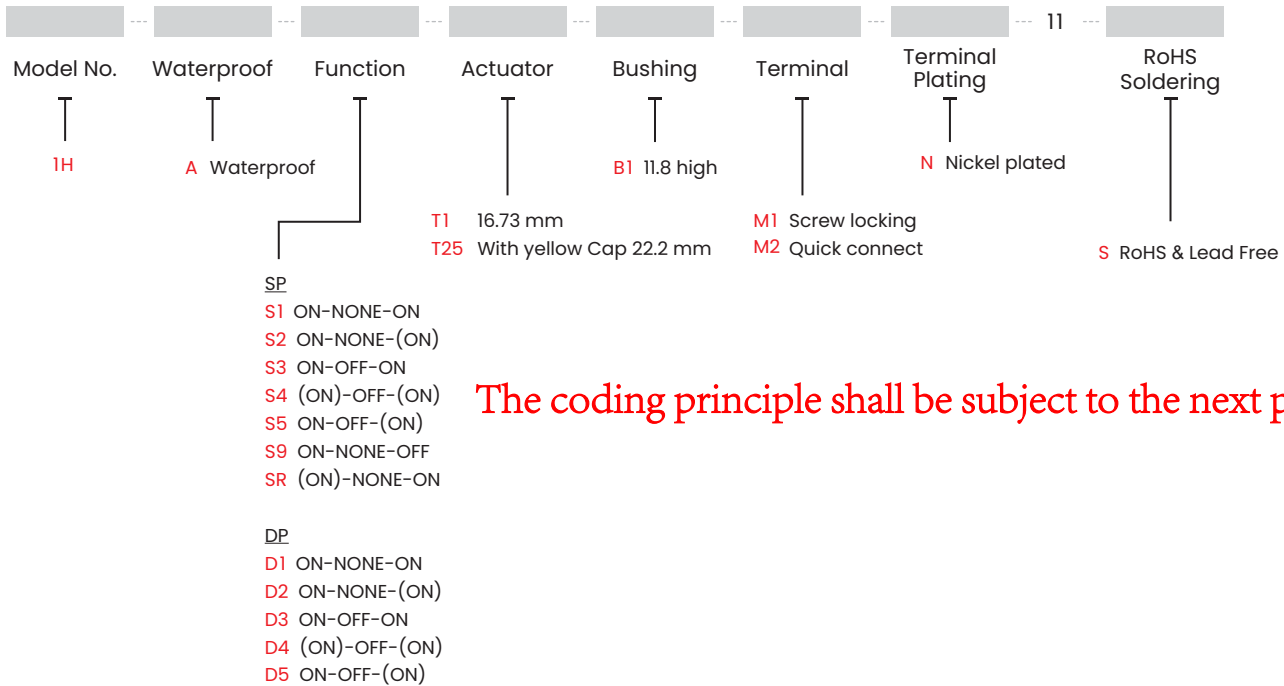
Soldering Process

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 1.6 mm (.063 inch))

1H
Toggle Switches

HOW TO ORDER

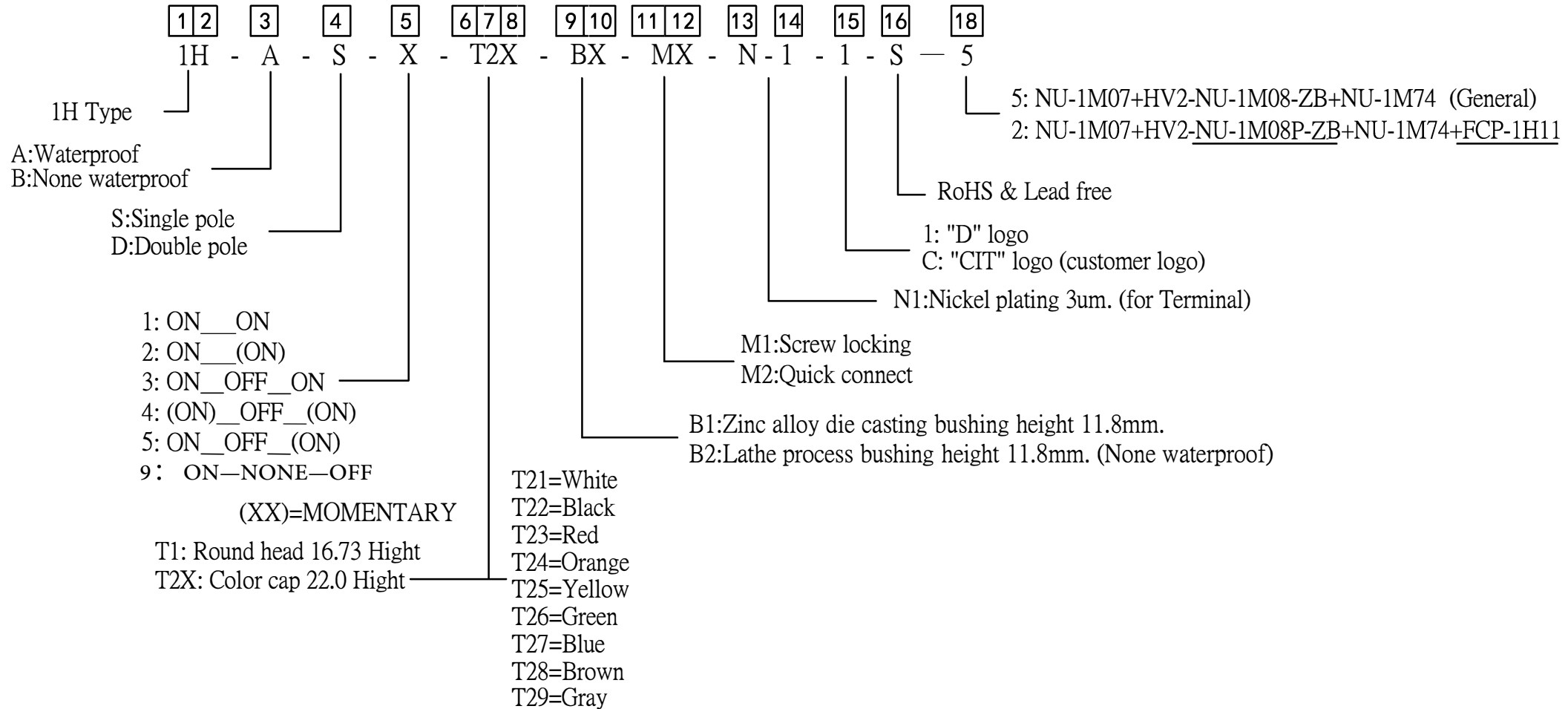
Note: Specifications and availability subject to change without notice.



製成品1H

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
大類		防護	形式	段數	把手			銅頭		端子		電鍍碼	鍍層流水號	LOGO	RoHS	分隔碼	配件碼
1H		A	S D	1 2 3 4 5	T1 T2X			B1		M1 M2		N	1	1 C	S	—	5 2
		B2															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

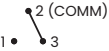
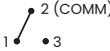
HOW TO ORDER





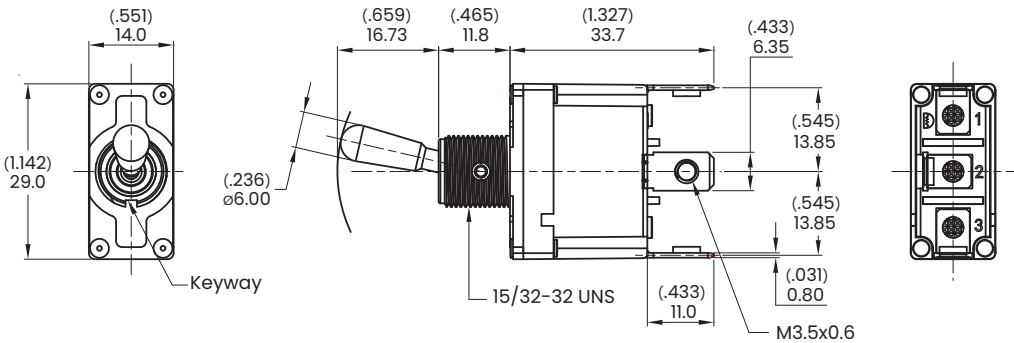
SWITCH FUNCTION

1H
Toggle Switches

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	(ON)		OPEN	
	S3	ON	OFF	ON			
	S4	(ON)	OFF	(ON)			
	S5	ON	OFF	(ON)			
	S9	ON	NONE	OFF	2-3	N/A	OPEN
	SR	(ON)	NONE	OFF	2-3	N/A	2-1
DP	D1	ON	NONE	ON	2-3, 5-6 	N/A	2-1, 5-4 
	D2	ON	NONE	(ON)		OPEN	
	D3	ON	OFF	ON			
	D4	(ON)	OFF	(ON)			
	D5	ON	OFF	(ON)			

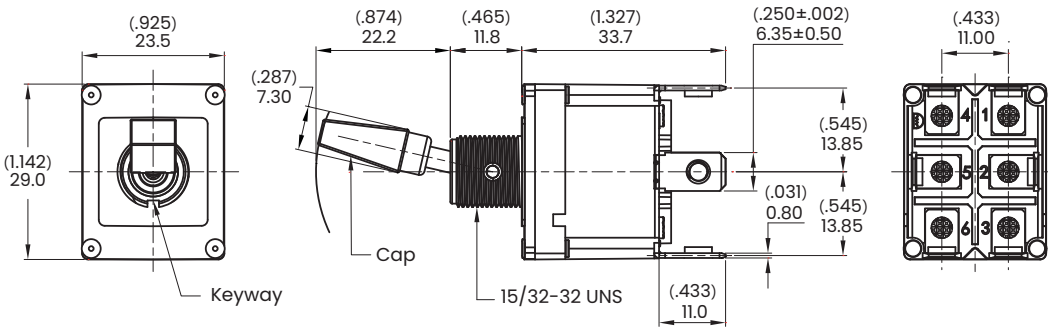
()=Momentary

POLE OPTIONS



SPDT

Model name. 1HAS1T1B1M1N11S



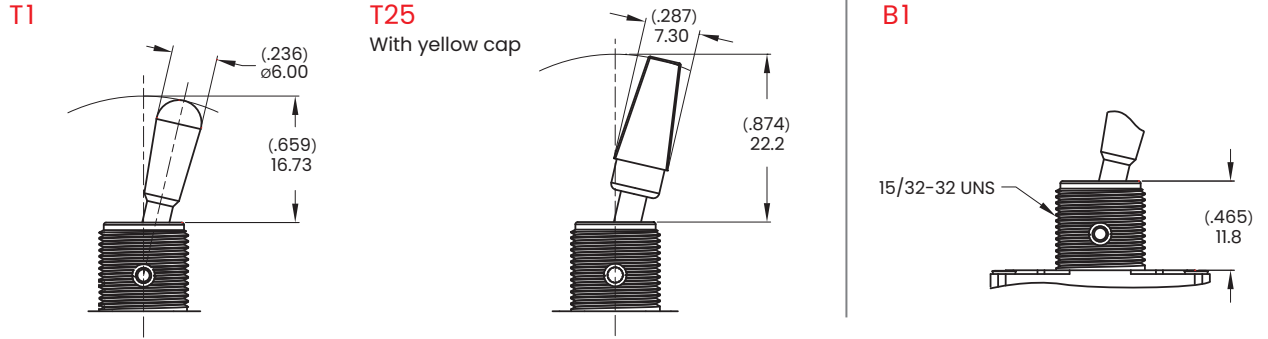
DPDT

Model name. 1HAD1T25B1M1N11S



▼ ACTUATOR OPTION

▼ BUSHING OPTION

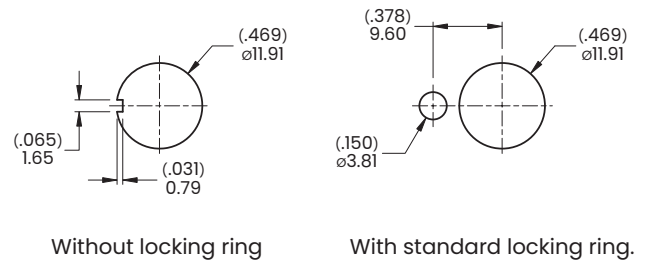
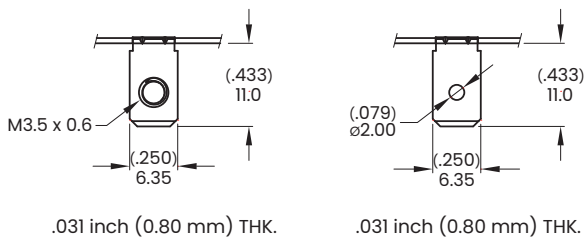


▼ TERMINAL OPTION

▼ PANEL MOUNTING

M1 Screw locking

M2 Quick connect



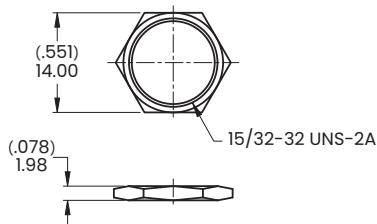
▼ HARDWARE

EXAMPLE: - ☐
Model name. 5 Standard hardware

* Standard : 2 Nuts, 1 Locking Ring, 1 Lock Washer
* For further information please consult sales representative.

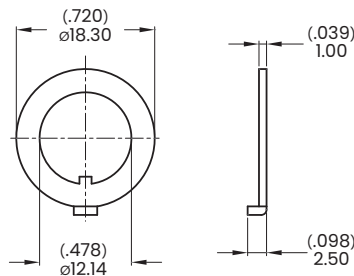
Hex Nut

Model name. MNU-1M07



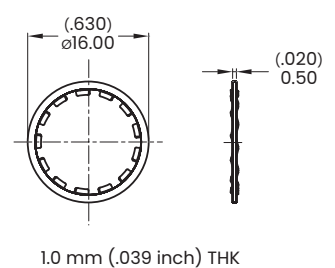
Locking Ring

Model name. NV-MNU-1M08-ZB



Lock Washer

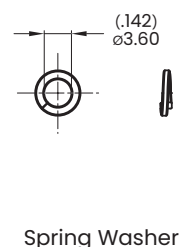
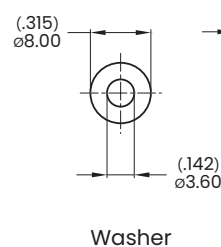
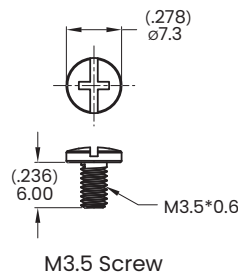
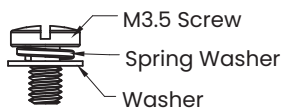
Model name. MNU-1M74



M3.5 Screw Assembly

Model name. YA7-1H

Available with terminal M1 only.



IP67 for the whole series:
Protected against the effects of
immersion up to 1 m water (30 min)

