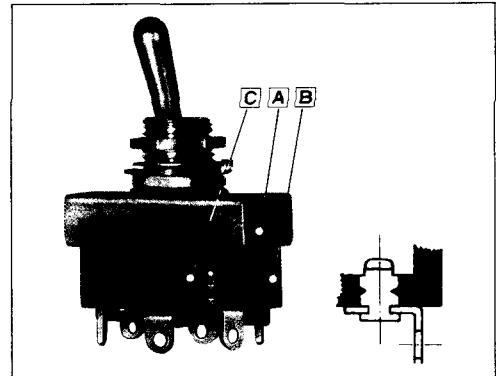


# SERIES A TOGGLE·ROCKER·PUSHBUTTON·ROTARY·LEVER & MOLDED-LEVER SWITCHES

UL Standard Listed : Series A all models 20A, 15A, 10A, 125V, 250V AC  
File E58109  
C.S.A. Certified : Series A all 20A, 125V, 250V AC and TV-5  
(Toggle) 5A, 120V AC File LR42726

## FEATURES

- 1) All of switch-housings cases of the standard switches are made of the approved UL standard 94V-O materials.
- 2) Contact mechanism is designed to minimize producing noise and secure stable switching from small current to large.
- 3) Molded-in terminals give a perfect seal against the ingress of flux at wave soldering.
- 4) No electrical trouble will occur even if the case might be deformed during soldering process.
- 5) The series A does comply to Japanese National Defence Standards, Japanese Industrial Standards and Electrical Apparatus Regulations and is designed to enhance its durability, humidity, corrosion, heat, cold, shock and vibration resistance.



This molded-in construction proves stability and assures excellent switching performance.

### [A] New frame design

New frame design will afford conservative insulation ratings and high resistance to abuse.

### [B] Using of UL Standard (UL94V-O)

Application of GLASS-FILLED POLYESTER CASE will give excellent performance for arc resistance, heat, cold, humidity and shock-resistance.

### [C] Molded-in terminal construction and

Molded-in terminals prevent the ingress of flux when wave soldered.

## HOW TO ORDER

Series      **A**      **T**      **A**      **2**      **5**

In case of 3 & 4 Poles: insert 3 or 4

Code	Model
T	Toggle
L	Rocker
P	Single Button
B	Double Buttons
R	Rotary
M	Molded Lever

Code	Function
A K	ON NONE OFF
B L	ON NONE (OFF)
C M	OFF NONE (ON)
D N	ON NONE ON
E P	ON OFF ON
F R	ON NONE (ON)
G S	(ON) OFF (ON)
H T	ON OFF (ON)

Code	Rating
0	25A 125V 250V AC
1	20A 125V 250V AC
2	15A 125V 250V AC

Code	Terminal type	Series A
1	Soldering	○
2	Screw	○
3	AMP # 110	○
4	AMP # 187	○
5	AMP # 250	○

( ON ) Indicates momentary position.  
 Models to be assembled after order.

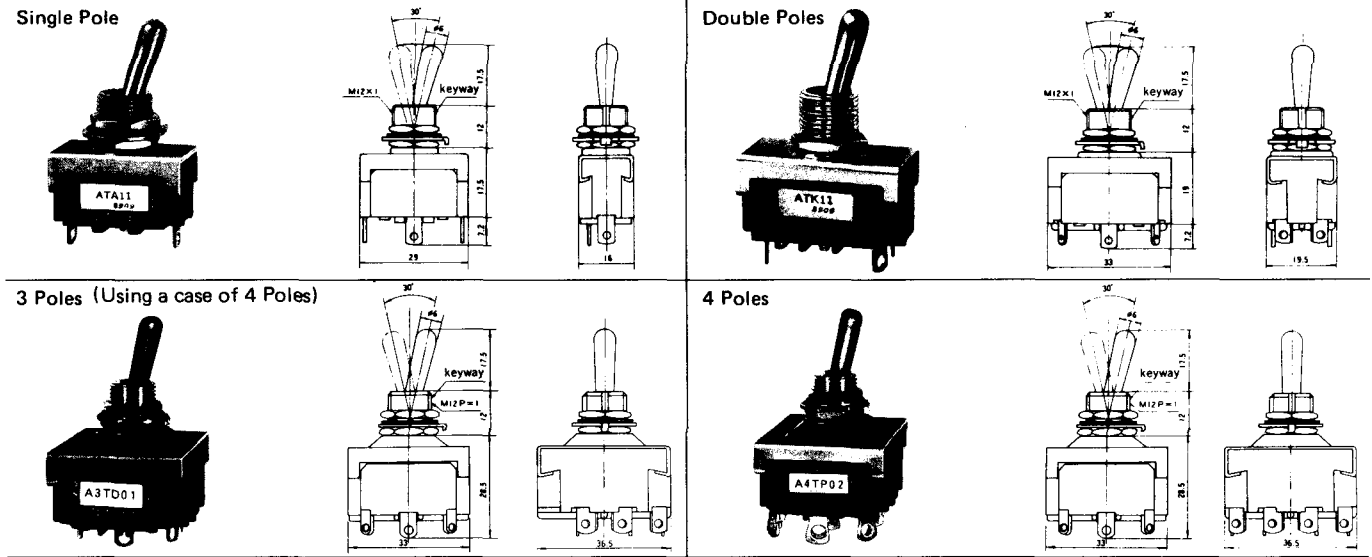
[Example]  
 ATA25 = Toggle switch  
 SPST (ON·NONE·OFF)  
 15A 250V.AC  
 AMP #250 Terminal

## SPECIFICATIONS

Soldering Term. (Code 1)	Screw Term. (Code 2)	Amp Term. #187 (Code 4)	Amp Term. #250 (Code 5)
<b>Single Pole Terminals</b>			
<b>Double, 3 and 4 Poles Terminals</b>			

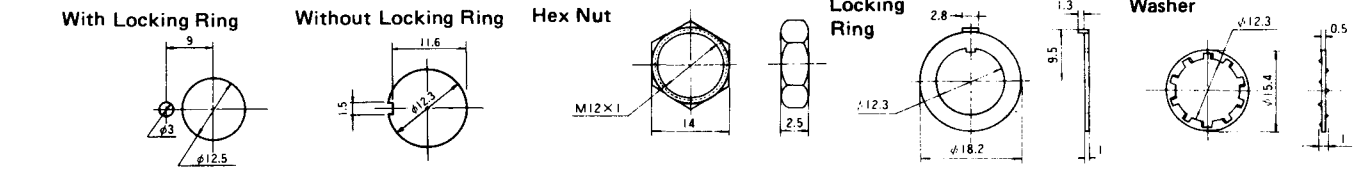
# SERIES **A** TOGGLE & ROCKER SWITCHES

## ● Toggle Switches

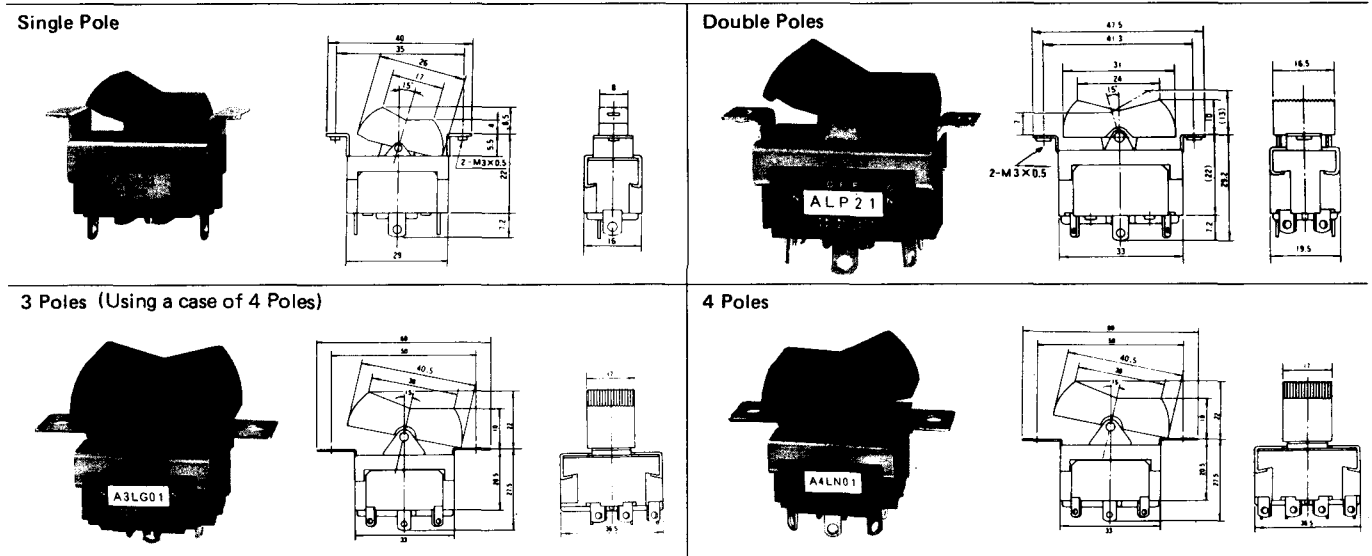


## ● Mounting Hole Cut-out (All Toggle Switches)

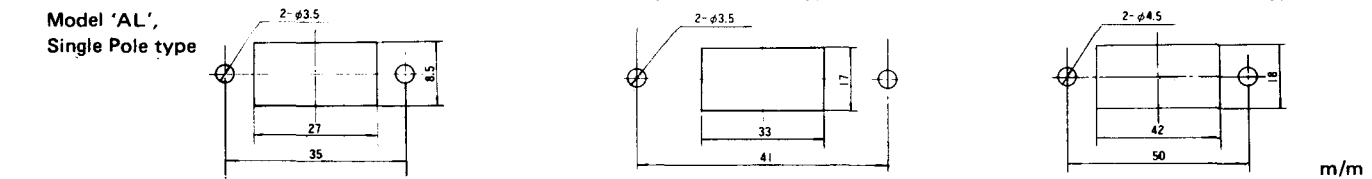
## ● Mounting Hardware & Accessories



## ● Rocker Switches

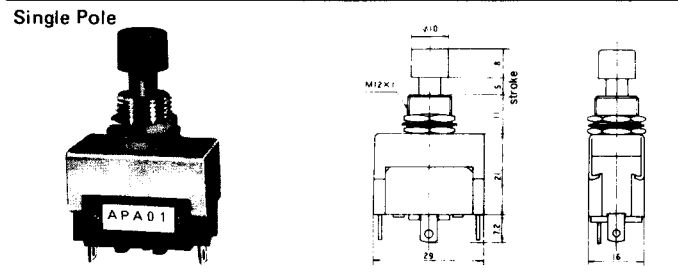


## ● Mounting Hole Cut-out

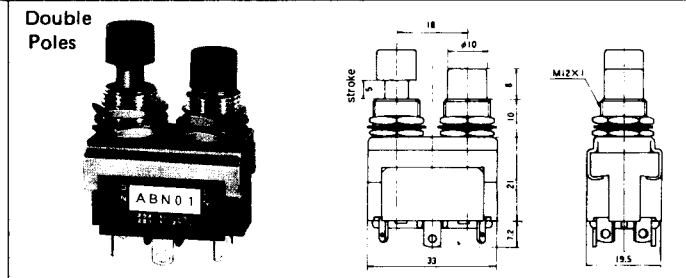
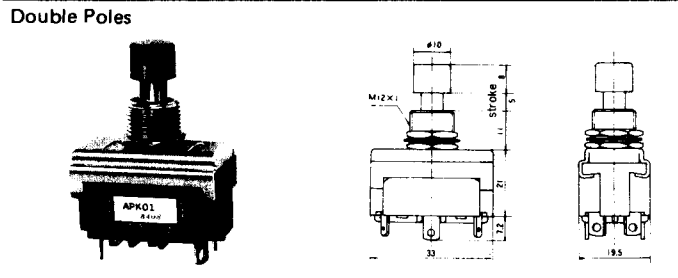
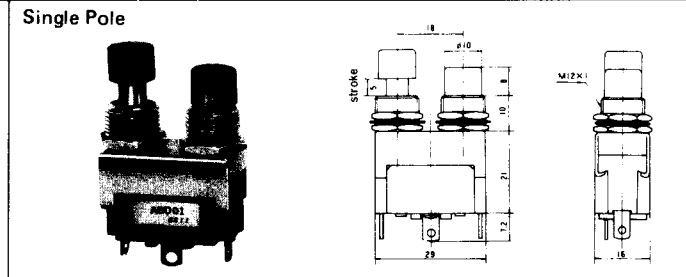


# SERIES **A** PUSHBUTTON · ROTARY · MOLDED-LEVER SWITCHES

## ● Single-Pushbutton Switches



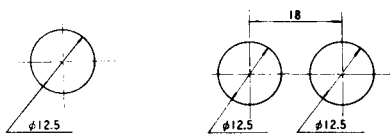
## ● Double Pushbutton Switches



## ● Mounting Hole Cut-out

Single-Pushbutton (All)

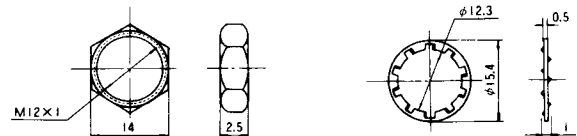
Double-Pushbuttons (All)



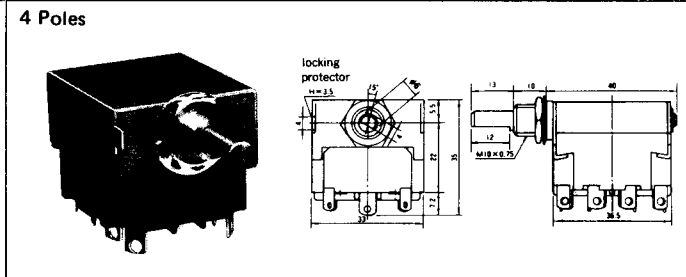
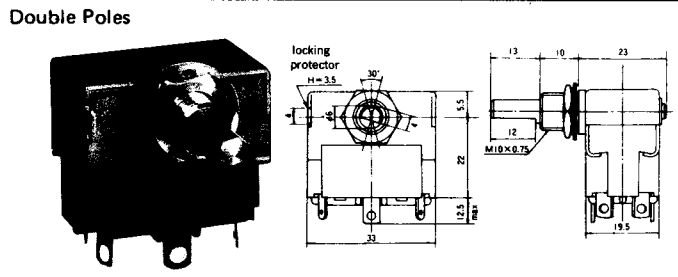
## ● Mounting Hardware & Accessories

Hex Nut

Washer



## ● Rotary Switches

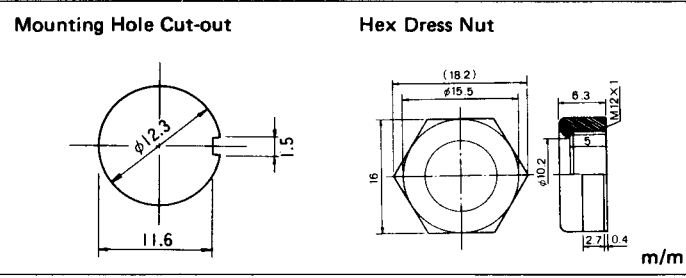
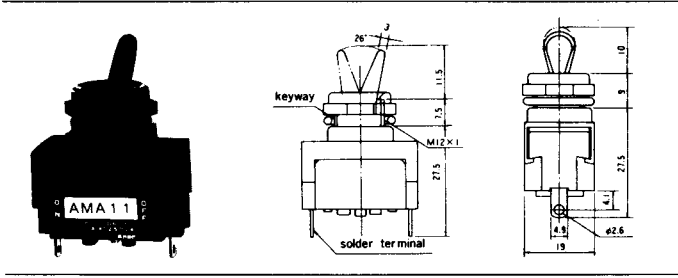
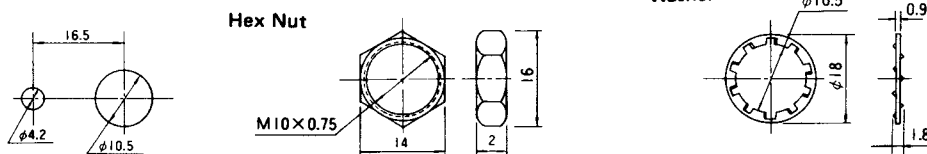


## ● Mounting Hole Cut-out (All types)

AR type

Hex Nut

Washer



m/m

# SERIES **A** PANEL MOUNTING WATERTIGHT TOGGLE SWITCHES

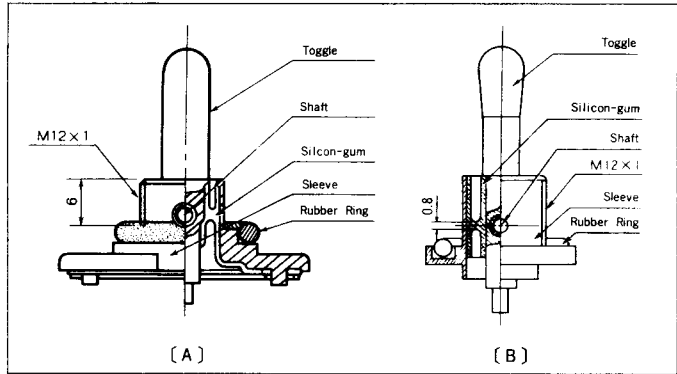
All models listed below to be assembled after order.

## FEATURES

- 1) This unique design allows A-TA--W·AWTN-- to withstand water penetrating into spaces between Toggle Switches and mounting cut-out holes.
- 2) Fixed Contact molded-inserting construction.
- 3) Sleeve and Frame are perfectly sealed.

The illustration [A] and [B] show completely silicon-gum sealed area between the actuator and sleeve.

The new design [A] applied the method to form silicon-gum and actuator into one body.



## HOW TO ORDER

**A** **W** **T** **N**

Series  
Watertight

Code	Model
T	Toggle

Code	Rating
0	25A 250VAC
1	20A 250VAC
2	15A 250VAC

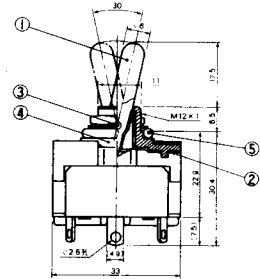
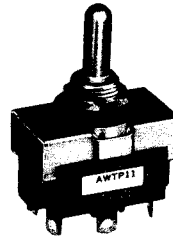
Code	Terminal	Series A
1	Soldering	○
2	Screw	○
3	AMP # 110	—
4	AMP # 187	○
5	AMP # 250	○

Code		Function		
SP	DP			
A	K	ON	NONE	OFF
D	N	ON	NONE	ON
E	P	ON	OFF	ON
F	R	ON	NONE	(ON)
G	S	(ON)	OFF	(ON)
H	T	ON	OFF	(ON)

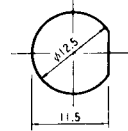
[Example]  
AWTN21 = Toggle Switch  
DPDT ON-NONE-ON,  
15A 250V AC  
Watertight

Code	Parts	Material
1	TOGGLE	BRASS
2	WATER-TIGHT GUM	SILCON GUM(WHITE)
3	SHAFT	SUS
4	SLEEVE	RIGID ONE-PIECE DIE CAST
5	RUBBER RING	NBR

DP



Mounting Hole  
Cut-out



All types

( ON ) Indicates momentary position.

## HOW TO ORDER

**A**  **T** **A**   **W**

Series

In case of 3 & 4 poles,  
insert 3 or 4.

Code	Model
T	Toggle

Watertight Panel Mounting type

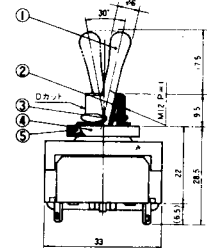
Code	Terminal	Series A
1	Soldering	○
2	Screw	○
3	Amp # 110	—
4	Amp # 187	○
5	Amp # 250	○

Code		Function		
SP	3P	DP	4P	
A	K	ON	NONE	OFF
D	N	ON	NONE	ON
E	P	ON	OFF	ON
F	R	ON	NONE	(ON)
G	S	(ON)	OFF	(ON)
H	T	ON	OFF	(ON)

Code	Rating
0	25A 250VAC
1	20A 250VAC
2	15A 250VAC

( ON ) Indicates momentary  
position.

DP



4P

