

A SERIES



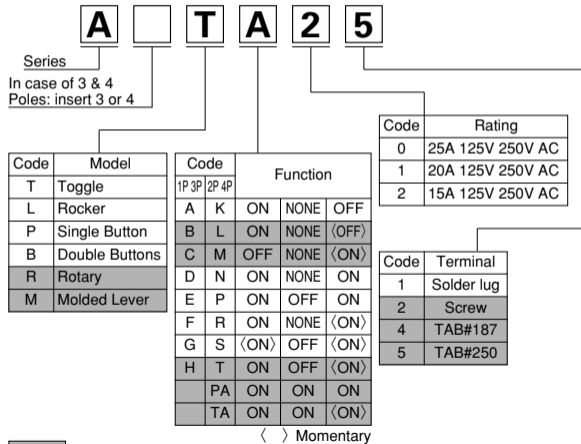
INDUSTRIAL GRADE POWER SWITCHES

UL, CSA LISTED
(except 3&4 poles)

FEATURES

- All of switch-housings cases of the standard switches are made of the approved UL standard 94V-O materials.
- Contact mechanism is designed to minimize producing noise and secure stable switching from small current to large.
- Molded-in terminals give a perfect seal against the ingress of flux at wave soldering.
- No electrical trouble will occur even if the case might be deformed during soldering process.
- 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.

HOW TO ORDER



Made to order basis.

B SERIES

GENERAL SWITCHES

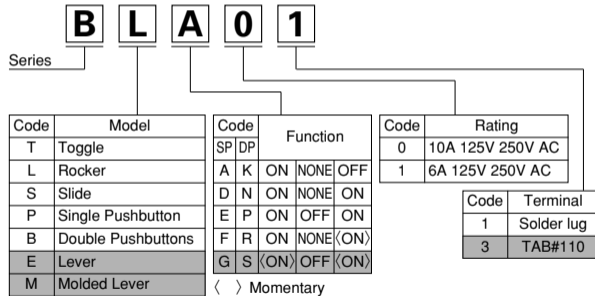
UL, CSA LISTED
(TOGGLE, ROCKER)


FEATURES

- All cases of standard switches are made of UL94V-O.
- Contact mechanism is designed to minimize occurring noise and secure stable closing and opening circuit.
- All models in this series fulfill the requirements of electric rating 10A, 250VAC, and are compact designed.
- Molded-in terminals give a perfect seal to ingress of soldering flux.
- Free from electric trouble as contact points and terminals are built into one piece.



HOW TO ORDER

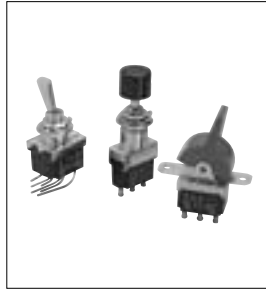


 Made to order basis.

F SERIES

SUB-MINIATURE SWITCHES

UL, CSA LISTED



HOW TO ORDER

Series
3 for 3P·4 for 4P

Code **F** **T** **D** **O** **1** **G**

Contact Gold Plating
(Marking does not appear on switch)

Code	Model	Code	Function			Code	Actuator	Code	Terminal	
		SP 3P DP 4P								
T	Toggle	D	N	ON	NONE	ON	0	Standard Toggle	1	Solder lug
W	Watertight Toggle	E	P	ON	OFF	ON	1	Large Toggle	2	Solder lug for thick leadwire
H	P/C Mount Toggle	F	R	ON	NONE	<ON>	2	Short Toggle	3	P.C.B
P	Pushbutton	G	S	<ON>	OFF	<ON>	3	Long Toggle	4	Wire-wrap
M	Watertight Pushbutton	H	T	ON	OFF	<ON>	4	Flat Toggle		Vertical
E	Small P/C Mount Lever & Rocker · Small Lever & Rocker		PA	ON	ON	ON	5	Locking Lever		Vertical
L	Snap-in Lever & Rocker		SA	<ON>	ON	<ON>		Model FE · FL		Horizontal
			TA	ON	ON	<ON>	1.3	Small Lever	5H 65V 88H	Horizontal
							2.4	Small Rocker	9	Leadwire hooking type

< > Momentary

① ACTUATORS

Wide choice of levers i.e., standard, large, short long, flatted and locking levers available to meet varying requirements in panel design and applications.

② LEVER-STOP DEVICE

Toggle lever-stopper is built in to prevent "push-in" when a downward force is applied to the lever.

③ INDIVIDUAL SPRING

Individual spring for each pole is employed to provide stable and reliable contacts.

④ NEW FRAME DESIGN

New frame design assures high insulation and stability.

⑤ GLASS-FILLED POLYESTER CASE (UL94V-O)

The case is manufactured from UL94V-O which has excellent heat and arc resistant properties and high insulation resistance. Creepage barriers are featured in all Multipole Switches providing increased creepage between contacts.

⑥ MOVING CONTACT SUPPORT

Unlike many other switches that rely on the molding to provide support for the moving contact, series F does utilize a unique system to fulfill this important function, greatly increasing the mechanical life of the switch.

⑦ TERMINAL PITCH

Spacing between terminals in 0.2" (5.08mm) conforming to ISO standard P/C board hole matrix.

⑧ GOLD-FLASHED TERMINALS

Available in 6 different configurations such as half-hollow cylindrical, P/C, right angle and wire-wrapping terminals. All gold-flashed to prevent perfectly oxidation and for ease of soldering.

⑨ MOLDED-IN TERMINAL CONSTRUCTION

Molded-in terminals prevent the ingress of solder flux and contaminants.

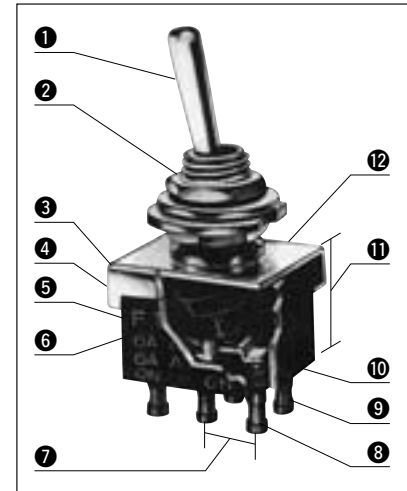
⑩ FINE SILVER CONTACTS

Ensure long life and contact reliability (For option of gold contact, please contact us.)

⑪ COMMON MOUNTING HEIGHT FROM SP TO 4P

The height of SP to 4P switches is identical enabling various switches to be mounted on the same P/C board.

⑫ STAINLESS STEEL FRAME



■ NOTE:

- Special designs are always considered. (O.E.M.)
- Contact Rating 0.4VA 28V DC max. is also available with contact and terminal options in GOLD.