

# A3U Series Pushbutton and Selector Switches

## 22 mm Dia. Flat-type Lighted and Non-Lighted Pushbutton Switches and Selector Switch









- Easy connector enables less assembly and less wiring
- 50 mm body length
- Easy one push to connect the Operation and Switch units



**Easy one push to connect!**

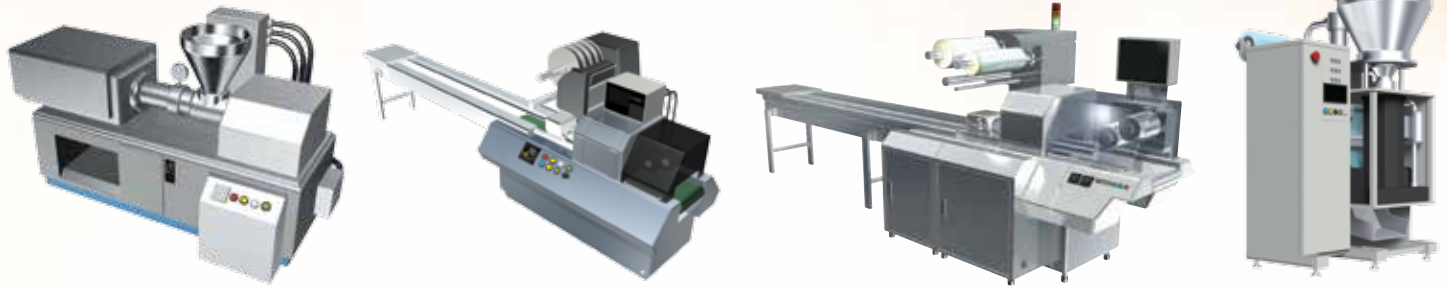


### Ordering Information

	Lighted Pushbutton Switches		Non-lighted Pushbutton Switches		Selector Switch
Appearance					
Model Number	A3UL-TBU-2A1C-M	A3UL-TBU-3A1C-M	A3U-TBK-A1C-M	A3U-TBW-A2C-M	A3US-SB-2M-AC
Contact Form	SPDT	SPDT	SPDT	DPDT	SPDT
Operation	Momentary action		Momentary action		Manual-reset
LED Voltage	DC12V	DC24V	N/A		N/A
Available colors					

# Typical Applications

- Semiconductor manufacturing machines
- Packaging equipment
- Food & beverage industry



## Specifications

Classification	Item	Specification
Structure	Figure of operating unit	Round type
	Degree of protection	IP40 or IP65
	Color of operating unit	Flange : Black or Silver Cap : Red, Yellow, Green, White, Black, Blue and Transparent
	Color of LED illumination	Illumination color : Red, Yellow, Green, Amber, White and Blue
Rated voltage for LED		5V DC, 12V DC, or 24V DC
Switch operation		Momentary and Snap action
Contact form		1C (SPDT) or 2C (DPDT)
Terminal type		Connector (Type PA 10 pins, JST Mfg. Co., Ltd)
Electrical rating	Rated load	0.1A @ 30V DC at resistive load
	Minimum applicable load	1mA a@ 5V DC (reference value)
Durability	Electrical	200,000 operations min. (0.1A@30 VDC at resistive load)
	Mechanical	1000,000 operations min.
Dielectric strength		Between contacts of same polarity: 500V Between current-carrying metal parts and ground: 1,500 V
Storage conditions	Storage temperature and humidity	-40° to 70°C / 35 % to 85 % RH (with no icing)
Operating conditions	Ambient operating temperature and humidity	Lighted type -25° to 55°C / 35% to 85% RH
		Non-lighted type -25° to 70°C / 35% to 85% RH
Safety standards		UL508, CSA 22.2, No.14, EN60947-5-1

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