

A6 Series – Miniature Switches and Pilot Devices: 16mm

Key features:

- 16mm (5/8") mounting hole
- LED illumination
- Compact design saves space
- Momentary, Maintained, Selectors, and E-Stops
- Gold-clad Silver contacts for reliable low level switching
- Snap action contacts
- IP40 (dustproof) or IP65 (oiltight) versions



Specifications	Degree of Protection	IP40: Dustproof IP65 Watertight/Oiltight			
	Contact Configuration	SPDT, DPDT			
	Maximum Voltage	250V AC/DC			
	Thermal Current	3A			
	Minimum Applicable Load	5V AC/DC, 1mA			
	Contact Material	Gold-clad silver			
	Terminal Style	.110" Solder/ Quick Connect			
	Operating Temperature	-25° to +55°C (no freezing)			
	Operating Humidity	45 to 85% RH			
	Contact Resistance	50mΩ maximum (initial value)			
	Insulation Resistance	100MΩ minimum (500V DC megger)			
	Vibration Resistance	10 to 55Hz, amplitude 1.5mm p-p			
	Shock Resistance	Damage limits: 500m/sec ² (approx. 50G) Operating extremes: 200m/sec ² (approx. 20G)			
	Electrical Life	100,000 operations minimum (at full rated load)			
Contact Ratings	Operating Voltage	24V	120V	240V	
	AC (50/60Hz)	Resistive	—	1.0A	0.5A
Inductive		—	0.7A	0.5A	
DC	Resistive	1.0A	0.2A	—	
	Inductive	0.7A	0.1A	—	
LED Lamp Ratings	Rated Voltage/Current	5V DC ±5%	6V AC/DC (±10%)	12V AC/DC (±10%)	24V AC/DC (±10%)
		8mA	AC: A, R, W, Y: 8mA G, S: 7mA DC: A, R, W, Y: 6mA G, S: 5mA	AC: 9mA DC: 8mA	AC: 9mA DC: 8mA

1. AC Inductive Load, PF = 0.6 – 0.7; DC Inductive Load, L/R = 7ms.
2. LED lamp contains a built-in current limiting resistor and a protection diode.
3. LED's don't "burn out." Luminance is reduced to 50% of initial intensity after being lit for 50,000 hours continuously.

Switches & Pilot Lights

Display Lights

Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers