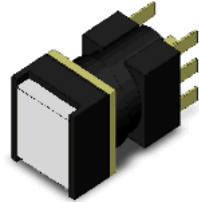


Pushbutton Switch (Detachable) (Lighted/Non-Lighted) (Cylindrical 16-dia.)

A165L-AWM-24D-2



Image

Assembled Parts, Cylindrical type (16 mm dia.), Lighted, 24 VAC/VDC, Momentary, White, DPDT, Solder terminals, IP66 oil-resistant type

Type	Pushbutton switch
Appearance	Shape: Cylindrical type (16 mm dia.) Pushbutton: Square 2-way guard
Lighted method	Lighted (LED)
Pushbutton	Full screen: White
Terminal	Solder terminals
Mounting method	Mounting nut

Ratings

As of September 9, 2016

Type	Pushbutton switch
Load	General load / Micro load
Appearance	Shape: Cylindrical type (16 mm dia.) Pushbutton: Square 2-way guard
Lighted method	Lighted (LED)
Pushbutton	Full screen: White
Switch rating (Resistive load)	125 VAC, 5 A, / 250 VAC, 3 A, 30 VDC, 3 A,
Minimum applicable load	5 VDC 1 mA Resistive load
Lamp rate	24 VAC/VDC 8 mA
Lamp operating voltage	24 VAC/VDC +/- 5%
Operating function	Momentary
Contact form	Double-Pole, Double-Throw type (DPDT)
Terminal	Solder terminals
Mounting method	Mounting nut
Permissible operating frequency	Electrically: 20 operations / 1 minute Max. Mechanically: 120 operations / 1 minute Max.
Inrush current	NC: 5A NO: 5A
Insulation resistance	Between each terminal of the same polarities: 100MΩ Between each terminal of the different polarities: 100MΩ Between live-metallic part and ground: 100MΩ Between each terminal and non-live-metallic part: 100MΩ Between lamp terminals: 100MΩ (Without LED)
Dielectric strength	Between each terminal of the same polarities: 1000 V Between each terminal of the different polarities: 2000 V Between live-metallic part and ground: 2000 V Between each terminal and non-live-metallic part: 2000 V Between lamp terminals: 1000 V (Without LED)

Vibration resistance (Malfunction)	10 to 55 Hz, Double amplitude: 1.5 mm, Malfunction: 1 ms max.
Shock resistance (Destruction)	500m/s**2
Shock resistance (Malfunction)	Malfunction time is 1 ms max. at the free position and the total travel position at 150 m/s**2.
Ambient temperature	Operating: -10 to 55 °C Storage: -25 to 65 °C
Ambient humidity	Operating: 35 to 85%RH Storage: 35 to 85%RH
Degree of protection	IP66 oil-resistant type
Classification of protection against electric shock	Class II
PTI (Tracking characteristic)	175
Pollution degree	3 (EN60947-5-1)

Operating Force (OF)	Standard value: 4.91 N Max.
Release Force (RF)	Standard value: 0.29 N Min.
Pre-Travel (PT)	Standard value: 2.5 mm Max.
Total Travel (TT)	3 mm Approx.

As of September 9, 2016

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