Parameter description

16H

Metal

power switch button
Parameter Description

Electrical parameters

- **power level(silvering):** 5A@125V AC or 3A@250V AC or 3A@30V DC
- **LED voltage:** 3~220V
- **LED current:** 1.5mA~20mA
- **LED light color:** red, yellow, blue, green, white

Other Ratings

- **Contact Resistance:** The contact is made of silver alloy, and the maximum resistance is 50m Ω; The maximum value of gold plating of contact material is 30m Ω
- **Insulation Resistance:** 200 megohms minimum @ 500V DC
- **Dielectric Strength:** 1,900V AC minimum between contacts for 1 minute minimum
- **Mechanical Life:** Self reset type / more than 500000 times
- **Electrical Life:** Self locking type / more than 250000 times
- **Nominal Operating Force:** Approx.: 1.5N
- **Contact Type:** 1NO
- **Travel:** Pretravel .059"(1.5mm); Overtravel .059"(1.5mm); Total Travel .118"(3.0mm)

Materials & Finishes

- **Button:** SUS304 Stainless Steel
- **shell:** SUS304 Stainless Steel
- **Base:** PA66
- **Movable Contactor:** Silver-plated brass
- **Static contact pin:** Silver-plated brass
- **Active rod:** PA66
- **Compression spring:** SUS304

Environmental Data

- **Operating Temperature Range:** -30°C through +85°C
- **Humidity:** 90~95% humidity for 240 hours @ 40°C
- **Vibration:** 10~55Hz with peak-to-peak amplitude of 1.5mm traversing the frequency range & returning in 1 minute; 3 right angled directions for 2 hours
- **Sealing:** Ip66

Installation

- **Installation aperture:** 16mm
- **Soldering Time & Temperature:** The welding time is 3 seconds and the welding temperature is not higher than 280°C
Series 16H

Size and material application

16H-P1-E
16H-G1-E

16H-P1-EC