



High Voltage Switch

Medical facility products require rugged solutions that withstand all disinfection processes and harsh chemicals.

Dangerous pathogens are omnipresent, particularly in medical facilities, posing a significant risk through contaminated surfaces. The battle against Hospital Acquired Infections (HAIs) demands rigorous and repeated cleaning protocols.

Medical environments require high-quality switches that meet stringent standards and can withstand frequent disinfection and exposure to harsh chemicals. To meet these critical needs, Barantech has developed an advanced high voltage switch. These switches are ultra-safe, aesthetically pleasing, and feature a solid-state design with no moving parts. Their robust and standardized design ensures seamless installation in any medical facility, providing a reliable solution to enhance safety and hygiene.

General Characteristics

- **Easy To Disinfect:** Barantech HVS switches, made of sealed aluminum, can be easily cleaned with copious amount of water or any detergent.
- **Effortless:** As our HVS switch uses piezo touch technology – the switch can be operated with wet hands, gloves, or any other object.
- **Built to Endure:** With no moving parts, it defies the harshest environments, ensuring uninterrupted performance and longevity for your critical operation
- **The HV switch is flameproof,** ensuring it can withstand extreme temperatures, ignition or fire hazards in high risk environments.

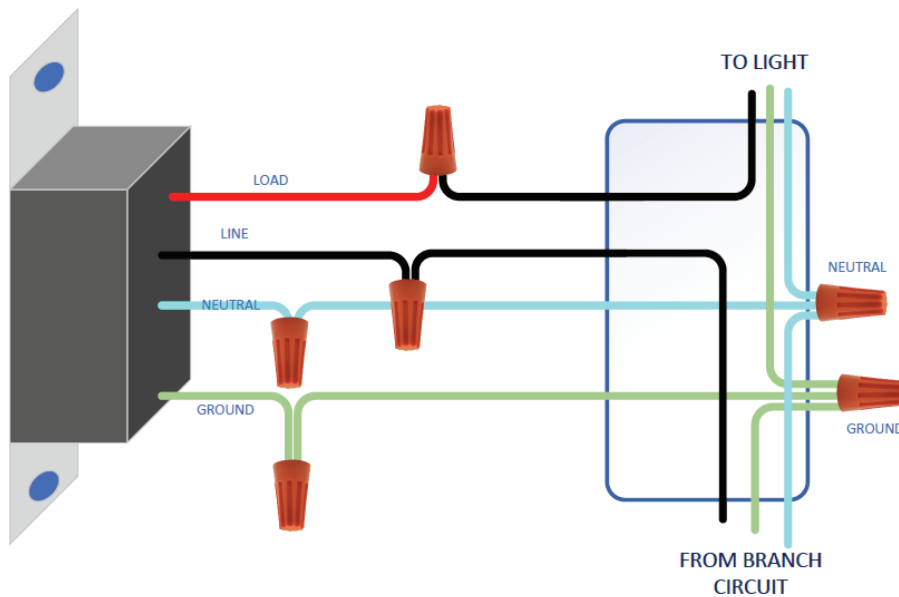


Electrical Data

Switch Function	ON/OFF
Relay Voltage	120VAC - 277VAC (RMS) max @ 16A
Relay Switching Current	16A max
AC Input Voltage	90-277 VAC (RMS)
Actuation Force	2-7 N
Wires Function	Black - Phase In Red - Phase Out (Output Relay) White - Neutral Green - Ground

Electrical Drawing

Single Pole Wiring Diagram



Environmental Data

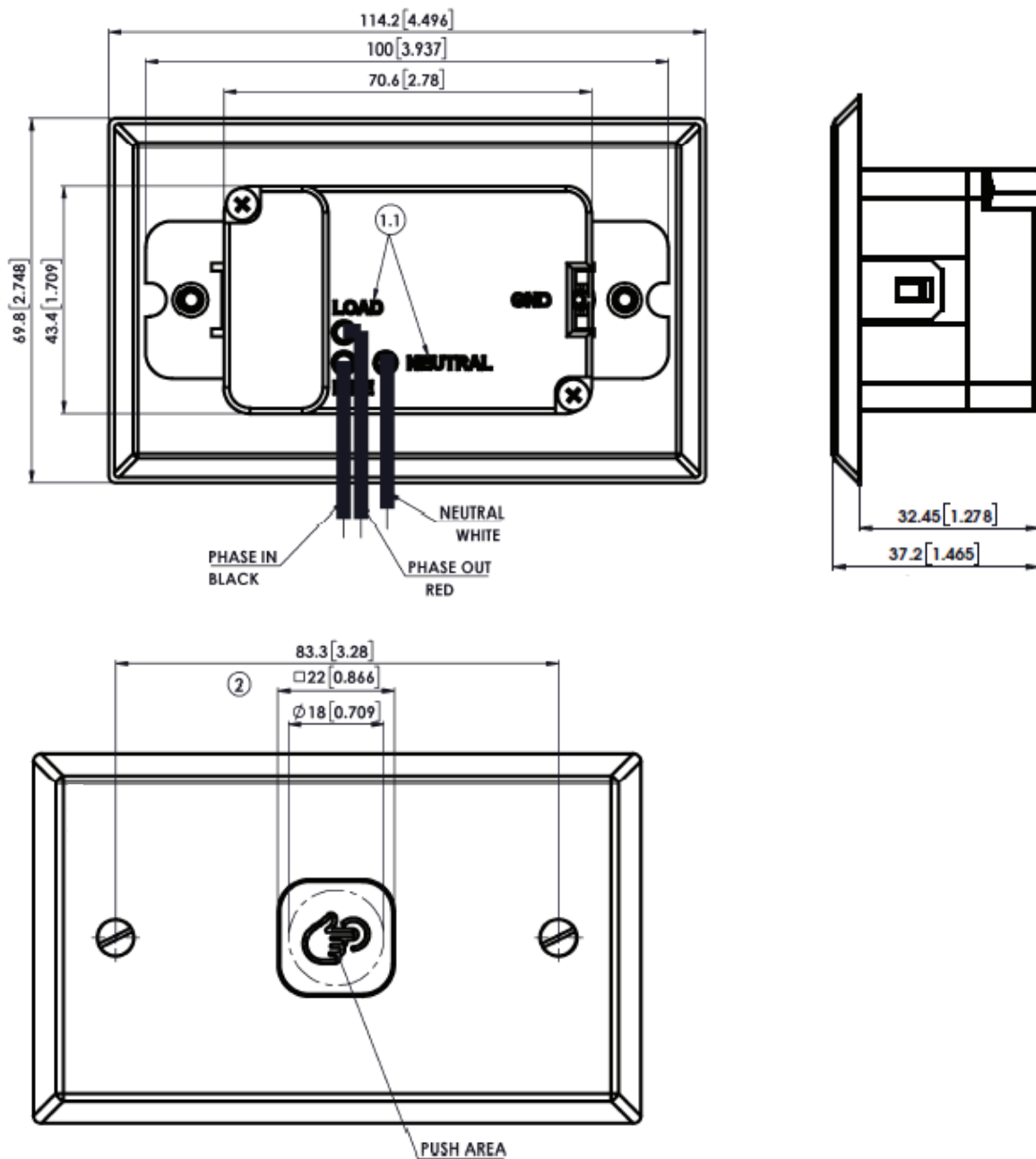
Operating Temperature	-15°C To +55°C
Storage Temperature	-20°C To +60°C
IP Rating	IP69



Mechanical Data

Housing Material	Black Volox 357U
Front	STS Plate
Connection	Load Wires 12 AWG, Ground wire 14 AWG, Length 7" ±0.2"

Mechanical Drawing



*The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Users should evaluate the suitability and test each product selected for their own applications.