uSwitch Pro+ Specifications

Model uSwitch Pro +
Part #IPSW2P+

Power Requirements:

Voltage: 9VDC – 30VDC variable input

Standby Current (Relays OFF) - 58mA One Relay on - 92mA Both Relays on - 126mA

Relay Ratings:

12VDC/10A 24VDC/10A 125VAC/5A 250VAC/3A

Max Current: 5A

Max Voltage: 240VAC, 110 VDC

Relay Performance

Relay Control Options: ON/OFF, Pulsed, Automatic, Momentary Contact Resistance <50m ohms (initial value)

Contact Material: Ag alloy

Max Switching Voltage: 240VAC, 110VDC Max Switching Current 20A

Mechanical life (rated load) 10,000,000 ops. Electrical life (rated load) 100,000 ops.

AC

Relay Capacity: 7.5 Amp Max at 105-125 VAC, 5 Amp Max at 210-240 VAC

Networking:

Network: 10/100 Base-T, IPv4

Network Setup: static IP address assignment, DHCP, HTTP, HTTPS, TLS port selectable

Network Connector: 8-pin RJ-45 socket

Connectors:

Power/Input: 2-position, removable terminal strip, 3.81mm terminal spacing

Relays: 3-position (Normally Closed, Normally Open, Common) removable terminal, 3.81mm terminal spacing Ethernet: 8-pin RJ-45 socket

GPIO spec I/O

GPIO Input 5-position, removable terminal strip, 3.81mm terminal spacing

GPIO1+ Digital Input/Output 1 (In: 0 to 5VDC; Out: 0 to 3.3VDC)

GPIO1- Digital Input/Output 1 (Ground)

GPIO2+ Digital Input/Output 2 (In: 0 to 5VDC; Out: 0 to 3.3VDC)

GPIO2- Digital Input/Output 2 (Ground)

LED Indicators: (on Ethernet jack)

-Network linked

-Network activity

Physical:

MTBF 360,000 hours

Temperature

Operating: 0 – 60 degrees C (-30C, +80C)

Storage Temp -40 to +70C

uSwitch

by uHave Control