BLACK BOX®
NETWORK SERVICES

AlertWerks™ Power Switch, 5-ft. (1.5-m) Cable

Controls the electrical power to devices over the Internet.

Relay contacts rated at 15 A/220 VAC.
Powered by the ServSensor hub.

Specifications

10 Amps Fuse — EME1P1-005–EME1P2-005: 380 VAC; EME1PDC-005: 250 VDC

Carry Current — 10 A

Contact Rating — EME1P1-005–EME1P2-005: 10 A; EME1PDC-005: 10 A @ 48 VDC

Maximum Input Voltage — 110–220 VAC, 250-VDC

Maximum Operating Current — 10 A

Maximum Operating Voltage —
EME1P1-005–EME1P2-005:
380 VAC;
EME1PDC-005: 125 VDC

Maximum Output Voltage —
EME1P1-005–EME1P2-005: 110–220 VAC;
EME1PDC-005: -48 VDC

Maximum Switching Capacity — With resistive load:
4000 VA, 480 W;
With inductive load: 2000 VA, 240 W (P.F=0.4)

Minimum Permissable Load —
EME1P1-005–EME1P2-005: 100 mA, 5 VDC;
EME1PDC-005: 100 mA, 2 VDC

PCB Copper Track Rating — 10 amps

Connectors — (1) RJ-45 (connection to AlertWerks hub), (1) 2-position terminal block

Indicators — (4) Status LEDs: (1) Relay, (1) Power Supply, (1) DC Line Voltage, (1) DC Load Voltage

Power Consumption— Typical 471.00 mWatt, 94.20 mA

Temperature Tolerance — Operating: -40 to +185° F (-40 to +85° C); Storage: -40 to +185° F (-40 to +85° C)

Size — 1.5"H x 4.5"W x 3.1"D (4 x 11.5 x 8 cm)

Weight — 0.6 lb. (0.3 kg)

Overview

The AlertWerks Power Switch, 5-ft. (1.5-m) Cable controls the electrical power to devices over the Internet. It configures and integrates easily with the AlertWerks ServSensors (EME102A, EME108A, and EME134A).

The power switch provides one high-power SPST 5V relay. It includes metal oxide varistors (MOVs) and snubber circuits to protect the relays' open contacts from high voltage spikes or noise transients. It monitors the power and load and accepts a control signal sent from the ServSensor.

Features

• Metal oxide varistors (MOVs) and snubber circuit protect the relays' open contacts from high-voltage spikes.

• Power cords (included) support up to 6 A.

• IEC connector rating is 10 amps for 220 VAC, 10 amps for 110 VAC, and 10 amps for 48 VDC.

• Four LEDs indicate the status of the relay, power supply, AC line voltage, and AC load voltage.

• Use up to two power switches per ServSensor (EME102A, EME108A, or EME134A).

• Autosensing disconnect alarm.

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EME1P1-005, version 1