BLACK BOX®
NETWORK SERVICES

Voltage Sensors

AC model detects voltage from 50 to 250 VAC and indicates Alarm or Normal. DC model is user-programmable with both the base and top voltage from 0 to 60 volts.

Specifications

Communications Cable — RJ-45 jack to sensor using UTP CAT5 cable

Maximum Extension Cable Length — 1000 ft. (304.8-m) with approved low-capacitance shielded cable or UTP

Measurement Indication — EME1A1-005: Alarm or Normal

Measurement Range — EME1A1-005: Detects voltage at 50 to 250 VAC;
EME1D1-005: User-programmable from 0 to 250 VDC

Measurement Rate — Multiple readings every second

Sensor Type — Open/closed contact switch

Overview

The Voltage Sensors monitor the presence or absence of AC or DC voltage. The AC model includes an Alarm/Normal indicator in the device firmware. Use up to two AC voltage sensors per AlertWerks™ ServSensor Junior (EME102A), and up to eight per ServSensor (EME108A).

Connect up to eight voltage sensors to AlertWerks V4E (EME134A) ServSensor Expansion Hub RJ-45 sensor ports.

The voltage sensors include an SNMP interface for alarm/normal status. Set these using the Web interface and configure them to send alerts as SNMP traps, e-mail, and SMS (text message).

Customer Support Information

Order toll-free in the U.S.: Call 877-877-BBOX (outside U.S. call 724-746-5500)
FREE technical support 24 hours a day, 7 days a week: Call 724-746-5500 or fax 724-746-0746
Mailing address: Black Box Corporation, 1000 Park Drive, Lawrence, PA 15055-1018
Web site: www.blackbox.com • E-mail: info@blackbox.com

Features

• Powered by the AlertWerks Hub (EME102A or EME108A). Needs no additional power.

• Use up to two AC voltage sensors per EME102A, and up to eight per EME108A.

• Detects the presence of two dry contact sensors.

• Connect up to eight voltage sensors to each EME134A or EME108A, or EME1X8 RJ-45 sensor ports.

• Includes an autosensing disconnect alarm.

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