

WATCHMAN®

WORK AREA VOLTAGE DETECTOR

WAVi®

Work Area Voltage Indication



Awareness and early warning - anytime, anyplace and for any reason...

The Watchman Work Area Voltage Detector, model WM-01, utilizes WAVi Work Area Voltage Indication technology to detect strong electric fields surrounding high voltage conductors and power distribution equipment. Typically placed in the vicinity of power lines or high voltage equipment, the Watchman Detector provides an extra level of safety for trained personnel working on or near high voltage systems.

HD HD ELECTRIC COMPANY



WATCHMAN®

WORK AREA VOLTAGE DETECTOR



WM-01



WM-CB1



WM-FB1



WM-BGS



WM-BGL

- The Watchman Detector can be activated to visually alert to the presence of an electrical field and can also alert crews that they no longer have active power in the area.
- Spinning LED lights indicate an electric field and a nearby energized conductor.
- Power button serves dual function, press once for on/off function, hold down for self-test to verify battery power and proper functioning of Detector.
- Once turned on, the Watchman Detector provides a “heartbeat” pattern to indicate it is actively checking for the presence of high voltage electric fields.
- Powerful neodymium magnets allow the detector to be mounted to accessory brackets or any magnetic surface.

ORDERING INFORMATION

WM-01	Watchman Work Area Voltage Detector
WM-06	Kit, Includes (6) WM-01 and WM-BGS Small Storage Bag
WM-06C	Kit, Includes (6) WM-01, (6) WM-CB1 Cone Mount Brackets and WM-BGS Small Storage Bag
WM-06F	Kit, Includes (6) WM-01, (6) WM-FB1 Fence Mount Brackets and WM-BGS Small Storage Bag
WM-12	Kit, Includes (12) WM-01 and WM-BGL Large Storage Bag
WM-12C	Kit, Includes (12) WM-01, (12) WM-CB1 Cone Mount Brackets and WM-BGL Large Storage Bag
WM-12F	Kit, Includes (12) WM-01, (12) WM-FB1 Fence Mount Brackets and WM-BGL Large Storage Bag
WM-CB1	Cone Mount Bracket
WM-FB1	Fence Mount Bracket
WM-BGS	Storage Bag – Small; holds 6 WM-01 and accessory brackets
WM-BGL	Storage Bag – Large; holds 12 WM-01 and accessory brackets

TECHNICAL SPECIFICATIONS

- **Sensitivity** – The Watchman Detector will only detect 50/60 Hz AC voltage. Do not use below 2400 Volts.
- **Typical warning distance** – 7 feet (2.13m) from a 4kV AC conductor. For more details, refer to warning distances in the instruction manual.
- **Operating frequency** – 50Hz/60Hz
- **Batteries** – (3) AAA ANSI 24A, IEC LR03 or AAA lithium ANSI 24-LF, IEC-FR03. Life 2 years in storage, 1,000 hours standby heartbeat mode, 10 hours continuous voltage indication.
- **Weight with battery** – 8 oz. (227g.)
- **Dimensions** – 3.8 in. (9.7cm.) diameter x 1.4 in. (3.6cm.) high
- **Voltage range** – 2400VAC and above.
- **Enclosure material** – ABS UL 94-HB
- **Printed circuit boards** – FR-4 UL94V-0