

# **TOMAR ELECTRONICS INC.**

## **MODEL 1100 POWER ALARM**

**250 VDC  $\pm$  20 %**

### **INSTALLATION AND OPERATION INSTRUCTIONS**

#### **INSTALLATION**

The Power Alarm is a solid state electronic siren with field interchangeable sounds and adjustable volume. The Power Alarm has been designed to operate directly from ungrounded or grounded industrial 250 VDC Power Systems.

The Power Alarm is supplied with a speaker arranged for separate mounting. The customer should connect the speaker to the Power Alarm with #14 AWG wire minimum to obtain full performance. Wiring lengths should be limited to 200 feet, however, longer lengths can be used with increased wire size.

The Power Alarm may be mounted horizontally or vertically in any convenient location with the metal cabinet grounded.

#### **OPERATION**

To operate the Power Alarm merely apply 250 VDC power. The sound level may then be adjusted to suit operating requirements. Use an insulated screwdriver and caution when adjusting volume. Control has 250 VDC potential on case.

Should a change in the type of sound be desired, remove input power, then unplug sound module by pulling module out of box with rocking motion. All sound modules are interchangeable.

#### **SPECIFICATIONS**

Operating Voltage: 180 VDC to 300 VDC, 250 Nominal

Input Current: ¼ AMP @ 250 V

Output: 116db. Sound Pressure Level at 10 Ft.

Output Impedance: 8 Ohms

Output Protection: The output is fully protected for shorts or opens in the speaker wiring.

#### **SERVICE OR REPAIR**

The factory will assist you with technical problems or service your equipment should the need arise.

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