FRANK W. **murphy** ®
MFR.

Tester for Ignition Powered Panels

Model HC9040

- Tests TATTLETALE® Annunciators And Fuel Gas Valves

- Detects Grounds and Insulation Leakage

- Requires No External Power

- Simulates Ignition Output

- Provides 160–180 VDC Test Voltage

Description

The Murphy HC9040 Ignition Powered Panel Tester allows you to test your panel for short circuits and insulation leaks in sensor leads or panel wiring.

The tester provides 160 to 180 VDC–nearly simulating ignition voltage and current conditions. The current-limited output provides sufficient current to operate TATTLETALE® annunciators and fuel gas valves. The HC9040 is designed for testing Murphy Ignition Powered Panels incorporating the 307PHCD series TATTLETALE® and M25-CD or M50-CD series fuel gas valves.

The HC9040 connects to the panel's terminals by means of clip leads. **This operation can produce a spark, therefore the tester is to be used only in areas where there is no danger of ignitable gas mixtures accumulating.**

The HC9040 has two modes of operation: (**1**) apply 160 to 180 VDC for component operation testing; (**2**) indicate short circuits by making the lamp glow brightly or glow dimly to indicate insulation leakage.

Specifications

Power Requirements: Four "D" cell 1.5 V batteries–6 VDC total (DURACELL MN1300 batteries are recommended).

Output Voltage: 160 to 180 VDC.

Relative Humidity: Operates at 95% relative humidity under conditions of no condensation.
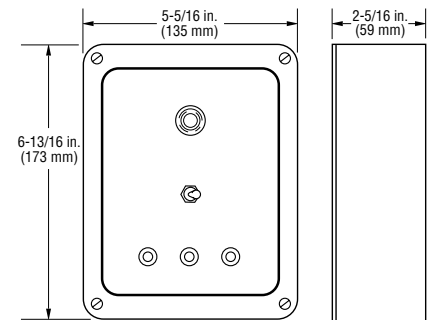
Power On-Off Switch: Turns battery power ON or OFF. Bright glow of lamp indicates short circuit; dim glow indicates insulation leak.

Positive Output Terminal: 160 to 180 VDC output for use in testing component operation.

Common Terminal (COM): Common return for either output circuit.

Insulation Test Terminal: DC output in series with lamp to indicate short circuits or insulation leaks.

Dimensions

5-5/16 in. (135 mm)

2-5/16 in. (59 mm)

6-13/16 in. (173 mm)

Warranty

A two-year limited warranty on materials and workmanship is given with this Murphy product. Details are available on request and are packed with each unit.

How to Order

Specify HC9040 – _____

B = Batteries

044328