INFORMER-MS

Remote diagnostic tool for use with the 455 3-phase, dual-range voltage monitor

Description
The Informer-MS is a hand-held diagnostic tool designed for use with the Littelfuse 455*.
The Informer-MS uses an infrared receiver to read valuable information transmitted from the 455*, which can be helpful for troubleshooting the system. A green communication status light indicates the Informer-MS is receiving data from the 455. If communication is lost, the Informer-MS will display the last values it received.

Features
The Informer-MS displays:
- Real-time, line and load side voltage
- Real-time, line and load side voltage unbalance
- Motor run hours
- Last 20 faults
- Last 32 motor starts
- High and low voltage trip points
- Voltage unbalance trip point
- Restart and trip delay settings
- Voltage at last fault
- Communication status LED
- Auto shut off
- Last fault with trip conditions

Specifications

**Functional Characteristics**

**Power**
9 Volts DC
(requires one 9-volt alkaline battery)
0.25 Watt (max.)

**Consumption**
2 minutes

**Auto Shut-off**

**Communication**
Infrared

**Signal**
1-8 ft. (approx. 0.25 ft. when using IR Kit)

**Range**
4 seconds

**Data Update**

**General Characteristics**

**Temperature Range**
0 to 60°C (32° to 140°F)

**Accuracy**

**Voltage**
±2%

**Maximum Input**
0.25 W

**Resolution**
1.0VAC

**Voltage Unbalance**
1%

**Time**
1 minute increments

**Trip Delay**
2 second increments

**Restart Delay**
2 second increments

**Display (liquid crystal)**
2 rows x 16 characters

**Size**

**Keypad**
(three 0.5” dia. buttons)

**Mechanical Life**
100,000 actuations min.

**Overlay Material**
Polyester

**Enclosure**

**Dimensions**
H 139.70 mm (5.50”); W 91.44 mm (3.60”);
D 28.70 mm (1.13”)

**Weight**
0.375 lb. (6 oz., 170.10 g) (w/out battery);
0.70 lb. (11.2 oz., 317.51 g) (total package)

**Material**
Black ABS 94HB

**Accessories**

**Informer IR Kit-36**
36” infrared adapter cable attaches to the face of the model 455 to provide remote diagnostics without opening the panel.

*Model 455s manufactured after 03/01/06 are equipped with the infrared LED transmitter. Models manufactured prior to this date are not compatible with the Informer-MS.

An infrared adapter (IR Kit-36) can be purchased to allow communication with the Model 455 without opening the panel.