

Protection Relays

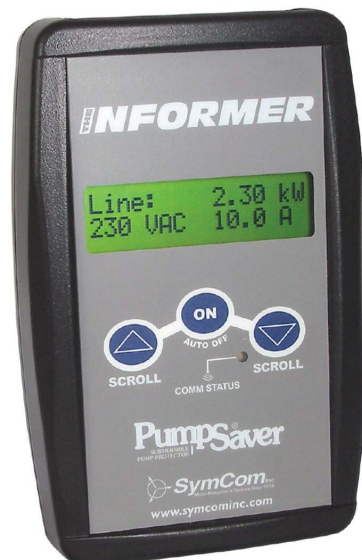
Remote Indication and Monitoring



Expertise Applied | Answers Delivered

INFORMER

Remote diagnostic tool for use with single-phase pump relays



Specifications

Functional Characteristics

Power

Input

9 Volts DC
(requires one 9-volt alkaline battery)
2 minutes

Auto Shut-off

Communication

Signal

Infrared

Range

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

Data Update

4 seconds

General Characteristics

Temperature Range

0 to 60°C (32° to 140°F)

Accuracy

Voltage

±2%

Current

±2%

Power

±4%

Maximum Input

0.25 W

Resolution

Voltage

1.0VAC

Display (Liquid crystal)

Size

2 rows x 16 characters

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

Description

The Informer is a hand-held diagnostic tool designed for use with single-phase models equipped with infrared LED transmitters (111-Insider-P; 231-Insider-P; 232-Insider; 111P; 233P; 233P-1.5; 234-P and 235P).

The Informer uses an infrared receiver to access information sent from the relay which can be helpful for troubleshooting the system.

Each Littelfuse single-phase relay model, equipped with an infrared LED, transmits valuable information from the device. To retrieve this information, the Informer's receiver must be directed toward the relay's LED transmitter and be within 8 feet of the unit. The green COMM STATUS light indicates when the Informer is receiving data from the relay. If communication is lost, the Informer will display the last values it received. The Informer will automatically shut off after 2 minutes of non-use.

An infrared adapter (IR Kit-12) is included with all new and updated Informers. This adapter allows communication with the relay without opening the panel door.

Features & Benefits

The Informer displays:

- Model number
- 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
- CT size (if applicable)

Accessories



Informer IR Kit-12

12" infrared adapter cable attaches to the face of the unit to provide remote diagnostics without opening the panel. Included with the Informer