

## INFORMER-MS

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



### Specifications

#### Functional Characteristics

##### Power

##### Input

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

##### Consumption

0.25 Watt (max.)

##### Auto Shut-off

2 minutes

##### 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%

##### Maximum Input

0.25 W

##### Resolution

##### Voltage

1.0VAC

##### Voltage Unbalance

1%

##### Time

1 minute increments

##### Trip Delay

2 second increments

##### Restart Delay

2 second increments

##### 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-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

### 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 door.