

PLS-1 Power Loss Sensor

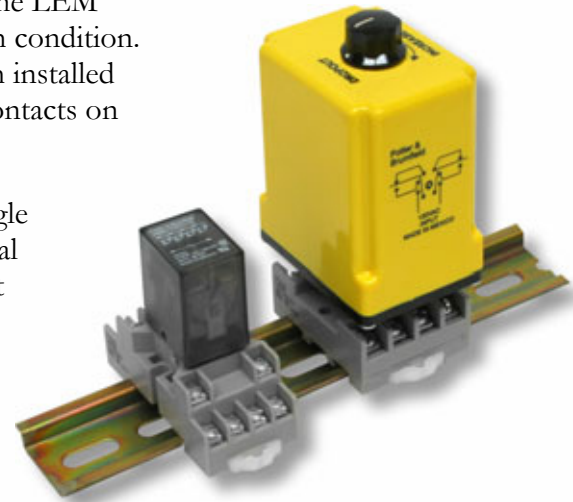
Reliably detect 120 VAC, single-phase power loss

Phason's Power Loss Sensor (PLS-1) works with the Local Environment Monitor (LEM) and OMNI-Site Watcher to continuously monitor single-phase, 120 VAC power.

The voltage-sensing relay has an adjustable dropout voltage of 90 to 103 V. When the voltage drops below the dropout value, the relay on the PLS-1 opens, signaling the Local Environment Monitor.

If the power stays off longer than the fault duration, the LEM signals the OMNI-4000 software that there is an alarm condition. If you have the OMNI-Alert alarm notification system installed and the alarm is set to active, OMNI-Alert dials the contacts on its call list and notifies them about the condition.

The PLS-1 is designed to monitor the power for a single line. Using multiple PLS-1s, you can monitor additional circuits, zones, or rooms at your site. You can connect up to six PLS-1s to a single LEM.



Features

- ◆ Easy installation in new or existing sites
- ◆ Voltage-sensing relay
- ◆ General-purpose relay
- ◆ Mounting rail and sockets
- ◆ 90-day limited warranty

Electrical ratings

- ◆ Input: 120 VAC
- ◆ Dropout: 90 to 103 V
- ◆ Pickup: 105 V

Other requirements and information

- ◆ The PLS-1 requires an OMNI-4000 system with the OMNI-Site Watcher module and a Local Environment Monitor.
- ◆ A Phase Detection Sensor (PDS-1) is available for detecting phase loss in three-phase systems.

For more information about the PLS-1 or other Phason products and accessories, contact your dealer or visit www.phason.ca.

