

# AMPERES LS-4816

## 16-CH SPEAKER LINE SURVEILLANCE PANEL



**LS4816** is new speaker line monitoring unit, with the new processor and measurement algorithm, they are now able to perform tasks faster with better accuracy. Additional features included were trigger monitoring, which can be linked to timer for pre-set times activation.

Similar to its previous model, they provide reliable speaker circuit monitoring for ground leakage, short and open circuit using impedance measurement method, thus eliminating the use of blocking capacitors and end line resistors.



### FEATURES

- Basic and advance level setting
- Sensitivity setting
- Impedance measurement method ; end line resistors, block capacitors not required
- Faulty circuit disconnection option
- Built in impedance meter ; 10 to 10K Ohm
- Fault alert bicolour LED with buzzer
- Interval detection from 1m to 48 hrs
- Remote detection activation
- Short burst signal for lesser interruption
- Aux contact for 24V overriding during activation period

### TECHNICAL SPECIFICATIONS

Operating voltage	24V DC via PS9400 PSU
Power consumption	4.9 W
Capacity	16 Channel
Processor	32 Bit ARM Processor
Impedance detection range	10 to 10 K Ohm
Power measurement range	10 to 1000W 100V line
Measurement accuracy	+/- 3% range
Pilot tone injection frequency	1 KHz
Pilot tone signal output level	5V Sine
Triggering	Auto / Manual
Detection Period	0.5 sec per channel
Detection interval	User pre-set from 1 min to 48 hrs.
Sensitivity setting	User pre-set at each channel
Indicators - LED	Normal, Fault, Buzzer, Auto
Display LCD	2 x 16 characters
Audible Output Alert	Continuous buzzer with Off option
Dry contact setting	3A
DC output in detection mode	24V DC for individual channel
Dimension (WxHxD)	482 x 88 x 180 mm
Weight	3.1 kg