

ALL-SAFE PRO™ – FOR GREATLY INCREASED PRODUCTIVITY!



The ALL-SAFE PRO™ is a natural extension of the new ATPOL series of on-line testing instruments. It is a permanently installed accessory which offers significant advantages over conventional methods for the temporary monitoring and measuring of power systems.

Manufactured in the USA and conforming to UL STD 61010-1:2004, it is certified by CSA and complies with the EC requirements for a rated input of 600V, measurement category III. For motors or generators over 600Vrms it can be connected via potential transformers and current transformers.

The ALL-SAFE PRO™ provides the signals necessary to determine a motor's condition with a minimum of risk, error and trouble. No need to suit up in bulky protection gear. Test set up is fast and the number of tests performed in a day is almost unlimited. The actual sampling takes about one minute. In addition, using the ALL-SAFE PRO™ will eliminate connection errors.

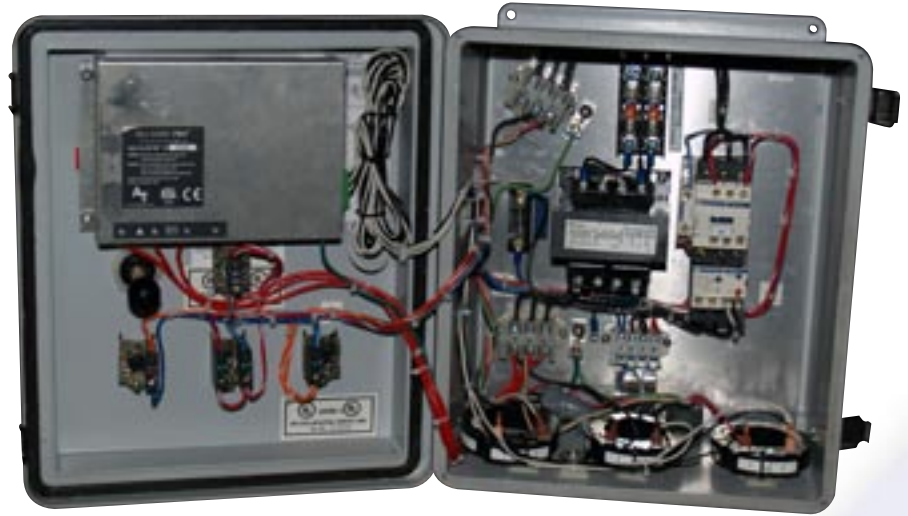
Installation is very easy and no special tools are needed. Each installation can be completed in about one hour.

SAFE, EASY, & RELIABLE

There is no need to open the ALL-SAFE PRO™ or the Control Panel door to gather data. The output pins are deactivated when not in use to prevent exposure to dangerous voltage. Voltages representing the flow of current are less than 2 Vrms on the exposed connector. Shorting of any of the contacts of the exposed connector will not result in damage or voltage exposure.

The ALL-SAFE PRO™ is available for most applications and priced to guarantee a quick return on investment.





Technical Specifications

Size

8.5" Wide 5.5" High 1.75" Deep

Weight

Less than 2 pounds

Operating Range

0 - 50 degrees C (32 - 122 degrees F)
Relative humidity to 70% (non-condensing)

Power Requirement

Nominal power is supplied by attached ATPOL

Input Voltage

Input Range: 1 - 600 Vrms steady-state (direct input)

Output Voltage

<5Vrms when not connected to ALL-SAFE PRO™
Adapter

Accuracy: No distortion of the original voltage when
connected to ATPOL

Frequency Response: No de-rating of accuracy for
harmonics or transients

Input Current

Sensors convert to voltage <2Vrms prior to entry
into ALL-SAFE PRO™.

Current capacity dependent on current sensor
ordered

Output Current Measurement

Accuracy: accuracy of probe

Frequency Response: dependent on current probe
attached no de-rating of accuracy for harmonics
through 1500 Hz

Frequency

Range: 22 - 66 Hz fundamental frequency

Safety

CE for a 600V cat III, pollution degree II, basic
insulated

UL STD 61010-1:2004

CSA/UL C22.2 number 61010-1:2004

* These specifications are subject to change
without notice.



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