

ALL-SAFE PRO®

ENERGIZED TESTING ACCESSORY



ARC FLASH
DANGEROUS & POTENTIALLY DEADLY

GET THE CONDITION OF YOUR MOTOR SYSTEM
PROCESS, THE RIGHT AND SAFE WAY



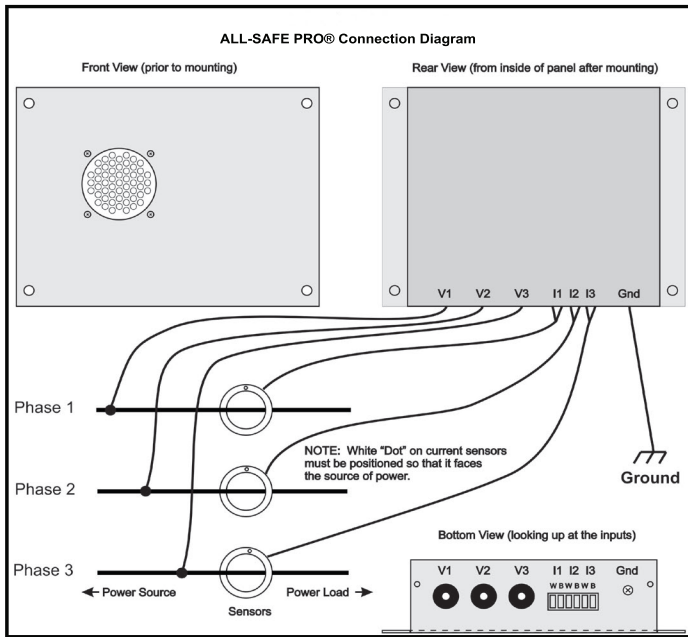
Conduct safe, easy and accurate ESA testing in only 60 seconds with the ALL-SAFE PRO® motor connection box.

The ALL-SAFE is perfect for route based maintenance and helps expedite the process and ensure safety for all staff involved in the data process. The ALL-SAFE PRO® is a permanently installed connection accessory for the ATPOL energized testing instruments. With this connection box, the tests are quickly and safely performed. Maintenance staff can safely and easily collect test data while the motor is energized and under load without opening the electrical panel.

With the ALL-SAFE PRO®, there is no need for special Personal Protective Equipment (PPE) or arc flash protective equipment. The energized testing instrument is compatible with the ATPOL Series of instruments and the ALL-SAFE PRO® cap for safety when not in use.

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Manufactured in the USA and conforming to UL 61010-1:2012 Ed.3+R:29Apr2016 and UL 61010-2-030:2012 Ed.1 and is certified to CSA C22.2 #61010-1:2012 Ed.3 and CSA C22.2#61010-2-030:2012 Ed.1.

It is CE certified for a rated input of 600V, measurement category III, pollution degree II, basic insulated electronic device. For motors generators over 600V it can be connected via potential transformers and current transformers.

Technical Specifications

Size (Enclosure-excludes dimensions of connection port to ATPOL III)

6" Wide x 4 3/4" High x 1 5/8" Deep
(153mm x 120mm x 41mm)

Weight (Enclosure Only-No Sensors)

0.8 lbs. (0.4kg)

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 - 600V steady-state (direct input)

Output Voltage

<5V when not connected to ALL-SAFE PRO®
Adapter

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

Frequency Response: No derating of accuracy for harmonics or transients

Input Current

Sensors convert to voltage <2V 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 - 440 Hz fundamental frequency

Safety

CE certified for a 600V cat III, pollution degree II, basic insulated electronic device.

Conforms to UL STD 61010-1:2004 UL 61010-1:2012 Ed.3+R:29Apr2016] and UL 61010-2-030:2012 Ed.1 and is certified to CAN/CSA C22.2 number 61010-1:2004 CSA C22.2#61010-1:2012 Ed.3 and CSA C22.2#61010-2-030:2012 Ed.1.

*Specifications are subject to change without notice



Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India, Tel: +91-9829132777; Email: info@tesca.in, tesca.technologies@gmail.com Website: www.tescaglobal.com