

# PowerSmart

## Automation and Leakage Test Module

### Multi Industry Use

PowerSmart simplifies the test process, giving immediate productivity benefits. It improves operator safety from electric shock, and enables low-skilled operators to perform electrical and functional tests on the production line.

The module has been designed to work with the Elite electrical safety tester. A safety test enclosure can be added if required.

The automation module also offers full leakage testing to EN 60990 and will display run test voltage and current during the functional tests. The power for the functional run test can be selected from either the internal supply or from the external connected electrical safety tester.

To maximise this test automation module's flexibility, a simple 8 input 4 output PLC module is incorporated. This has accessible terminals and programming connections at the rear of the module, which makes the module a truly versatile device adaptable to most automation applications.

### ADDITIONAL INFORMATION

#### Mechanical

Case Dimensions	19-inch 4U, 510W x 133H x 400D mm
Weight	9 kg

#### Electrical

Operating Temperature	0 - 40° C
Supply Voltage	100 – 250V AC. 50/60 Hz

#### Order Number

461A910	50A Functional / Run Test
461A915	16A Functional / Run Test



### KEY FEATURES / SPECIFICATION

### PowerSmart

Enables automation of the test process to increase productivity and safety

Increases safety in line EN 50191

Enables high voltage testing to be performed safely on the production line

Automatic controlled discharge function for products where DC testing is required

Unique 24V D.C. protected supply for test enclosure internal automation devices

Includes an internal user configurable 8 + 4 I/O PLC controller for flexible automation of test enclosure

Handles all safety inputs and outputs between test enclosure and test equipment

All connections are accessible via rear mounted industrial sockets

Interfaces directly with Elite 2

Leakage measurement in accordance with EN 60990

Functional test voltage and current measurement

Can be integrated into third party systems

Can be configured to provide signal for locking of the test enclosure door

Compatible with EN 50191 high visibility status beacon

Available with either 16 Amp or 50 Amp functional/run test

Distributor:

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