

OUTLET TEST SYSTEM – EARTH LEAKAGE (OTS-EL)

Electrical Protection

Application

The OTS-EL System can be installed into Amcontrol Substations, Distribution Boards and Outlet Control Boxes. The OTS-EL greatly simplifies the statutory testing process, performing a hands-free, automated testing function whilst simultaneously providing a comprehensive record management tool.

Features

- Fully automated, outlet protection function testing
- Wireless outlet testing
- Earth Leakage (EL) protection testing (contactor operating and back EMF clearing times)
- Test data logging (Uploads to cloud storage)
- DIN rail mounted



Description

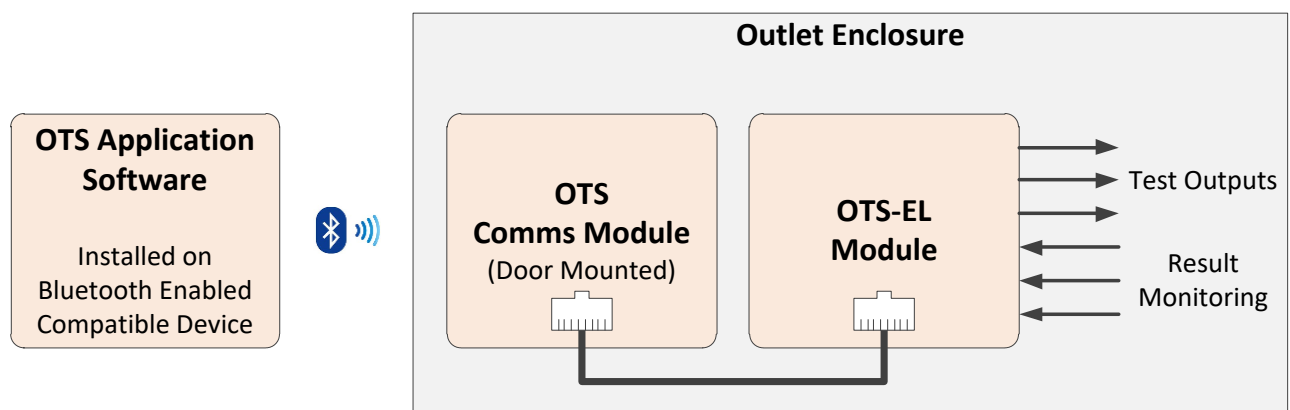
The Amcontrol Outlet Test System – Earth Leakage (OTS-EL) provides a fully automated outlet EL testing facility. The OTS completely eliminates paper-based record keeping by concurrently updating a historical database with the latest test data.

The OTS-EL is comprised of an OTS-EL module, embedded within the outlet electrics, and an OTS Comms Module, mounted on the door to provide Bluetooth connectivity to the outlet tester.

All tests are initiated wirelessly via the OTS Application Software, which is installed on compatible Bluetooth enabled devices. Each outlet is able to be individually targeted.

All local test records are managed within the OTS Application Software until the tablet performs an authorised sync with the AWARE cloud storage. When this occurs all local test reports are uploaded to the cloud, and then all Assets and Users are refreshed for selected site. All OTS test records can be accessed by anyone with internet access and authorisation (user account).

The OTS-EL will measure both the contactor opening time in addition to the true earth leakage clearing time (time for back EMF voltages to fall below ELV).



Specifications	
Supply	
<i>Regulated Voltage</i>	24 VDC or 24 VAC (50Hz) ±20 %
<i>Power Supply Requirement</i>	5 VA
Dimensions and Environment	
<i>OTS-EL (H x W x D)</i>	91 x 100 x 110 mm
<i>Comms Module (H x W x D)</i>	86 x 54 x 21 mm
<i>IP Rating</i>	IPX6
Earth Leakage Test	
<i>Test Interface</i>	Current injected through the earth leakage toroid
<i>Measured Entities</i>	Elapsed time between trip initiation and outlet contactor opening and , Elapsed time between trip initiation and the back EMF falling below ELV (true clearing time).
Find Out More	
For more information on this product, contact Ampcontrol Customer Service on +61 1300 267 373 or customerservice@ampcontrolgroup.com or visit the Ampcontrol website: www.ampcontrolgroup.com	

Ordering	
Part Number	Description
175461	MODULE OTS TESTER
179019	MODULE OTS2 TESTER
175463	MODULE OTS COMMS
176536	MODULE OTS EL-ONLY TESTER
180264	MODULE OTS EL-ONLY TESTER Version 2
175462	MODULE OTS EXTERNAL EL/EC BARRIER
177451	OTS TESTERS TABLET NON-LTE 8IN OTS+CASE

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