

XLNT5068™ Test Fixture

Whether ESD events, physical damage as a result of mishandling, or environmental mishaps, failures do occur on the test floor. If a failure does occur, Celerint's modular approach to multiplexing allows an XLNT5001 module to be swapped out within minutes so that test operations are not interrupted. For customers who want an option to functionally field test a failed module, Celerint provides the XLNT5068 test fixture where a complete functional test on a failed module can be manually performed in under one minute. The test fixture requires a 12VDC/1A and a 5VDC/2A supply for operation. Tests are performed by manually toggling each of 6 test switches and observing the LED indicators. Each of the 192 channels on both multiplexed banks have corresponding LED arrays and the identification and precise location of a defective switch can be determined almost immediately.

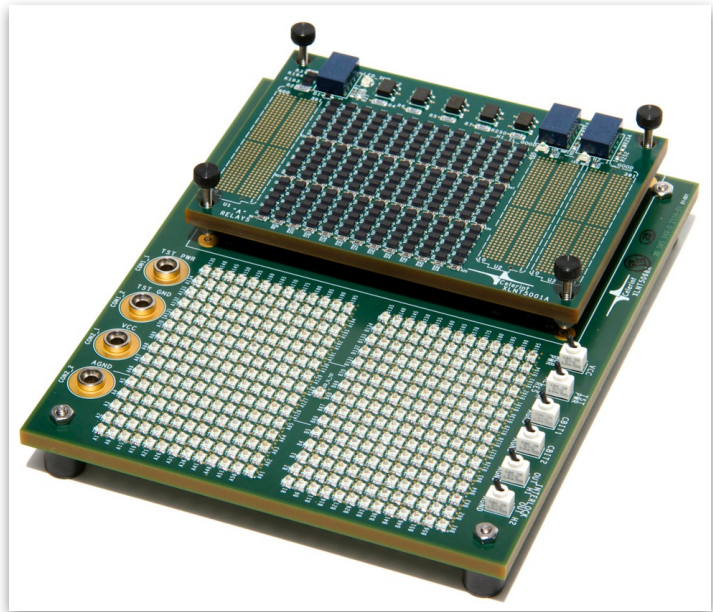
COMPLETE FUNCTIONAL TEST IN UNDER ONE MINUTE

Ease of Setup

The XLNT5001 snaps easily on to the mating connectors of the XLNT5068. The boards are disconnected by turning each of the four prying screws until the module snaps off of the test fixture. Connect one 12VDC/1A and one 5VDC/2A supplies and the setup is ready for use.

Ease of Use

Follow the instructions in the user's manual and observe the LED indicators. The LED arrays have 1-to-1 mappings to the multiplexing component arrays. Defects and failures are easily and quickly identified.



Complete Functional Test

All multiplexing components for both banks are tested as well as the INTERLOCK and SAFE power safety circuits.

Feature	Specification
Max Current, 5VDC Supply	1A
Max Current, 12VDC Supply	2A
Average Test Time	Less than 1 minute
Tests	both multiplexed banks, INTERLOCK, SAFE POWER
Dimensions (inches)	5.75 width, 7.0 length, 2 inches tall when mated with module