

Automotive Junction Box Test System



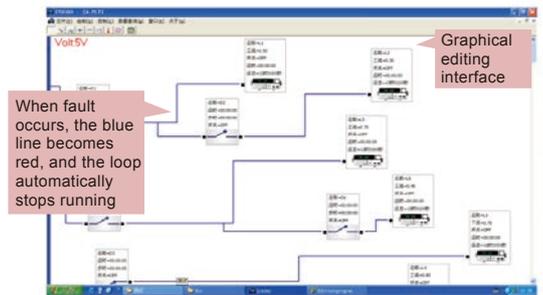
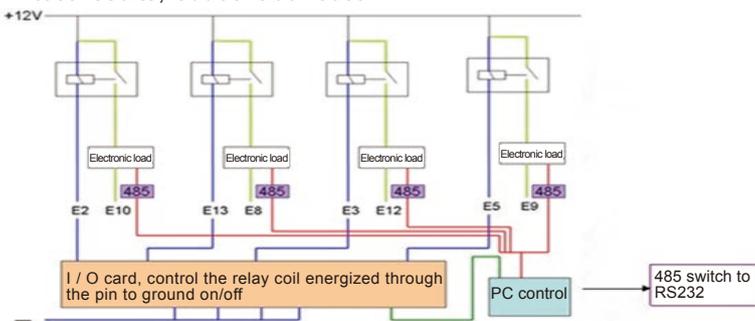
Automotive junction box (automotive electrical central controller) integrates the whole car's fuse, circuit breaker, relay and so on. It is the vehicle electronic circuit control center. ITECH automotive junction box test system is established by high performance programmable electronic load, power supply and speical-designed IT9360 software.

In addition to these test items, this test solution also provides powerful software features:

- Editable relay on-off timing
- Editable load current and run timing. Such as editing a cycle (load 5A on 5s off 10s), and then set the running time of such cycles
- When failure occurs for one channel, fault alarm will be shown on software interface.
- The failed channel stops running, and other channels continue running
- Each channel name can be edited, such as channel DUT is wiper, channel name is wiper
- Software operation interface displays voltage, current,temperature,run time,running status,load status,I/O status,and so on

ITECH Test solution advantage

- Structure: Modular design, easy to move and disassemble. When one channel fails, will not affect the operation of the system
- Heat dissipation: Intelligent fan, good heat dissipation and low noise
- Function: High level automation
- Communication: Remote control via the computer, easy to show test results, reduce labor cost



Test data include voltage, current, time and other information, can be exported in excel format to save.



System test items

- Long time working stability
- Relay life test
- Fuse test
- Temperature monitor and fault alarm
- Other performance index

