

**ADVANCED PROTECTION RELAY TEST SET (DRTS66)**

The New Generation of Automatic Standalone Protection Relays, Energy meters, Transducers and Power quality meters Test Equipment.



- Testing all kinds of protection relays: electromechanical, solid state, numerical
- Manual control with color display
- Simultaneously available: 6 Current and 6 Voltage plus 1 battery simulator outputs
- High current outputs: 6 x 32 A, 3 x 64 A, 1 x 128 A
- High power outputs: 6 x 430 VA, 3 x 860 VA, 1 x 1000 VA
- High accuracy outputs: better than 0.05%
- IEC61850 protocol interface
- USB and Ethernet interface
- Advanced testing and data management software TDMS
- Complete library of relays from the major Manufacturers

State-of-the-art Three Phase Fully Automatic Relay test kit has been launched by ISA, Italy. Competition envies this instrument. No need to carry with you a laptop in the field. Hundreds of units have been sold within five months from the date of launch. Simply irresistible!

**AYT INTERNATIONAL LLC** is a leading Marketing company of Testing and Measuring Equipments and provides all the testing solution under one roof. Call our sales team to discuss your need or for demonstration at your premises.

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The IEC61850 Interface option for DRTS 66 is required for relay testing with Ethernet-based substation communication protocol. The IEC61850 Interface is mounted on the back panel of the DRTS 66.

**IEC 61850 interface**

The standard IEC 61850 describes the communication of devices in substations. IEC61850 messages coming from the devices connected to the substation network are also called GOOSE. GOOSE messages describe binary status signals over the substation network and are also used for relays tripping. For relay testing applications within IEC61850 substations it is necessary to access these data.

This new feature is performed by ISA Automatic Relay Test Set DRTS 66. By means of a dedicated hardware and the TDMS software, ISA DRTS 66 can expand his testing capabilities by handling those IEC61850 messages.

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