PHPC01 Current Booster

PROTECTION RELAY TEST KIT ACCESSORY

The PHPC01 current booster is an essential power system testing accessory designed to extend the capabilities of protection relay test suites.

It works seamlessly together with protection relay test kits specifically to perform comprehensive transformer protection relay testing. It is expertly engineered to supply high compliance voltage even when operating at a small current range.

Description & Applications

PHPC01 current booster functions as a high-performance accessory designed to work in tandem with advanced protection relay test kits. Its core utility lies in facilitating deep transformer protection testing scenarios where standard test kit outputs require enhancement. By supplying a significantly high compliance voltage at lower current thresholds, it ensures precise, stable, and reliable injection signals.

In addition to standard transformer testing, the PHPC01 is perfectly suitable for testing **high burden electromagnetic current relays**, which typically require higher compliance voltages to actuate and verify operational parameters accurately.

Software Integration & Control

The hardware integrates perfectly with professional automation suites. It works directly with the **Powertest software testing module**, utilizing the specialized **High Burden Relay** software module to complete advanced testing sequences.

transformer protection relay testing. It is specifically designed to supply high compliance v current range. It is also suitable for testing high burden electromagnetic current relays.

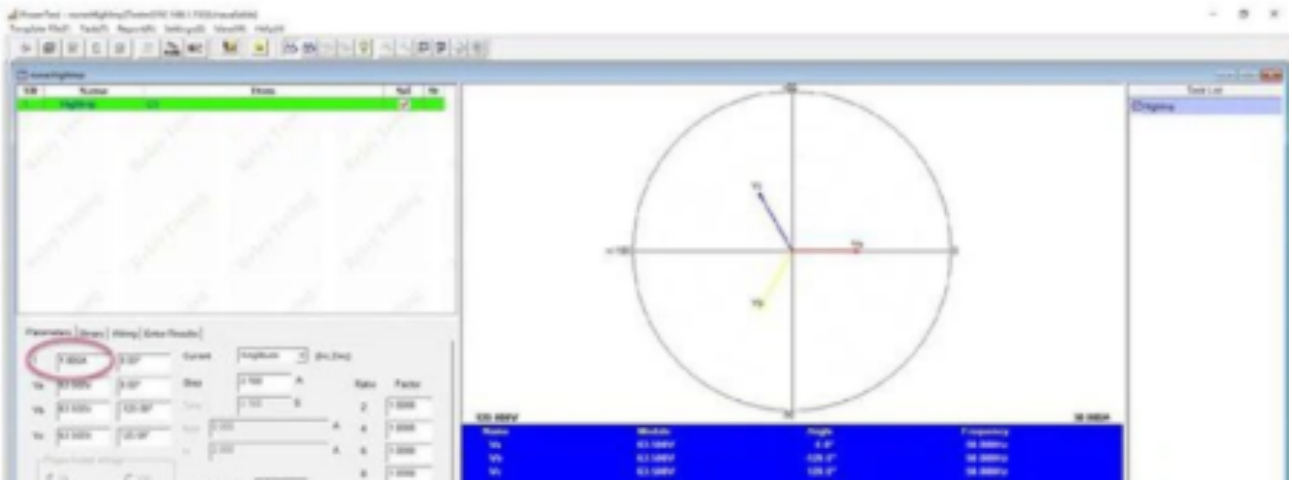

Figure: Powertest High Burden Relay software interface mapping vector characteristics and real-time parameters.

> ***Compatibility Note:*** *The high burden relay testing configuration specifically supports integration with premium hardware platforms, ensuring that only the* ***PW460*** *and* ***PW636i*** *models are applicable for complete automation. Power injection is dynamically driven from the PW636i suite to ensure optimal fidelity.*