GDSL-BX-200 Primary Current Injection Test Set

Product Description

GDSL-BX-200 Primary Current Injection Test Set, is mainly used in calibration for current transformer, motor protector, air switch, switch cabinet, circuit breaker, protection screen and etc.

Features

- Digital control, high anti reference ability.
- Adapts auto transformer regulator which with low power consumption and large capacitance.
- Converter has high permeability core .
- Quick connects, lock design, have good current capability.
- PVC panel.
- Build-in quick plug with high safety.
- Current range can be changed, easy to read.
- Engineering plastics box, IP67 dust-proof and waterproof.
- Portable design is suitable for on site testing.
- Zero start function to prevent the test objects from damage caused by high current impulsing. The equipment only can be started at zero.
- Impulse choose function: The current value can be output directly without zero protection function when the equipment is under the testing for circuit breaker.
- 0-50A AC current can be output, suitable for over current quick break testing of secondary protection.
- Action time can be tested synchronously.
- More calibrations can be series connected at same time to improve working efficiency .
- To display the testing value of primary current, secondary current directly, convenient for CT/PT turn ratios calibration test. (Optional)

Specifications

- Output current: 0-1000A AC in parallel, 0-500A AC in series
- Capacity: 3kVA.
- Output voltage: 3V in parallel, 6V in series.
- Input voltage: AC220V, Single phase, 50Hz.
- Current can be adjusted smoothly and continuously, accuracy level 1.0
- Output current is standard sine wave, wave distortion is less than 5%.
- Secondary injection current: 50A
- Output current: RMS continuous adjustable.
- The action time of test object can be tested, the lock action time is also can be recorded at same time.
- Test range: 0.001S~999.999S, resolution 1ms, error: 0.005% range: ±2digs
- Capacity is designed as 5 minus for short and discontinuous working.
- Duty Cycle: 2.5mins ON, 10mins OFF if in batch test.