Premium Microprocessor-Based Resonance Eliminator / AWSG-400H

POWER SYSTEM PROTECTION EQUIPMENT



Microcomputer Ferromagnetic Resonance Elimination Device for PT Protection Developed specifically for power systems, the Microcomputer Resonance Elimination Device effectively prevents severe faults including burnout and explosion of voltage transformers (PT) triggered by ferromagnetic resonance. Communication Mode Optional: RS-485, CAN bus, Ethernet, IEC 60870-5-103 (IEC-103), IEC 61850

KEY FEATURES

- 43 Automatic Transfer Switch (ATS) / High-Speed ATS
- 610H Small Current Grounding Line Selection Device
- APQ-9100H Power Quality Monitors
- Smart Switchgear Controller ADW6800

TECHNICAL DATA

Parameter Item	Specification
Applicable System Voltage	0.38kV-66kV, neutral ungrounded system
Available Resonance Frequency	17Hz(1/3 sub-harmonic),25Hz(1/2 sub-harmonic),50Hz(power freq),150Hz(3rd harmonic)
Detectable Fault Type	Ferro-resonance / Single-phase grounding / Transient overvoltage
Working Power Supply	AC/DC 220V±15%, total power ≤20W
Alarm Relay Contact	250VAC/5A,30VDC/5A
Communication	RS485, Modbus-RTU protocol
Max. Monitoring Busbar	1-4 segments optional
Display Mode	LCD menu / LED indicator
Fault Storage	Store ≥300 fault records, data no-loss after power off
Ambient Condition	-10°C~+55°C, RH<90% non-condensation
Response Time	≤20ms after resonance detected

TECHNICAL DATA (CONTINUED)

Model Type	Structure	Applicable Scenario
Basic Type(WXB-I)	Single bus monitoring, no print function	10kV single PT cabinet, small distribution room
Standard Type(WXB-II)	1~2 bus, optional micro-printer	Conventional **substation**, industrial 10kV switchgear
Multi-channel Type(WXB-IV)	Max.4 bus segments, full communication	Multi-section **distribution** room, PV booster station
Intelligent IEC61850 Type	Ethernet + RS485 dual communication	Smart substation, new grid construction project

ORDERING INFORMATION

MOQ	LEAD TIME	TRADE TERMS	PAYMENT	WARRANTY
1 unit	7-15 working days	EXW / FOB / CIF / DDU	T/T, L/C, WU, PayPal	12 months