High-accuracy grid frequency detection ASR-245H

POWER SYSTEM PROTECTION EQUIPMENT



Overview of High-accuracy grid frequency detection Wideband measuring device and processing unit form substation system for high-accuracy grid frequency detection. Communication Mode:Optional: RS-485, CAN bus, Ethernet, IEC 60870-5-103 ,IEC 61850

KEY FEATURES

- AC Voltage: Rated 57.73V, measuring range 0V-120V
- AC Current: Rated 1A or 5A (per order), measuring range 0~2 times rated value
- Rated Frequency: 50Hz

TECHNICAL DATA

Comparison Dimension	PMU	Wideband Monitoring Device
Frequency Range	45~55Hz power frequency fundamental wave	0~2500Hz full frequency band
Oscillation Monitoring	0.1~2.5Hz low frequency + 10~40Hz/60~90Hz sub-synchronous & super-synchronous oscillation	All above plus 100~300Hz wideband oscillation
Harmonic Monitoring Function	Not supported	Supports 2.5~45Hz/55~100Hz inter-harmonics and 100~2500Hz harmonics (amplitude & phase included)
Functional Relation	Basic version	PMU superset, compatible and replaceable with PMU
Sampling Rate	3.2kHz / 6.4kHz	12.8kHz (higher)
Core Standards	IEEE C37.118.1/2	Q/GDW 12214-2022 (National Standard)

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