Intelligent Communication Management Unit

POWER SYSTEM PROTECTION EQUIPMENT



The ASM-81H Communication Management Unit is an essential part of substation integrated automation system, applicable to 110kV and below substations. Communication Mode:Optional: RS-485, CAN bus, Ethernet, IEC 60870-5-103 ,IEC 61850

KEY FEATURES

- Build and manage communication links with all types of microcomputer protection devices;
- Realize data transmission with measuring & control equipment and smart power meters;
- Support connection with substation intelligent auxiliary facilities such as DC power supply systems;
- Achieve stable communication interaction with substation host computer systems;
- Complete remote telecontrol data transmission and docking with centralized control centers, fully matching Modbus-RTU communication rules;
- Real-time monitor and check the online communication status of all connected equipment and devices;
- Support remote parameter configuration and daily equipment maintenance via network communication.

SERIAL COMMUNICATION INTERFACE

Quantity	4~24 channels
Communication Mode	RS232 / RS485
Baud Rate	300bps, 600bps, 1200bps, 2400bps, 4800bps, 9600bps
Transmission Medium	Shielded twisted-pair cable
Supported Protocols	Various serial communication protocols including Modbus-RTU

SYSTEM ACCESS CAPACITY

Max Accessible Equipment Quantity	≤ 128
setsSingle Device Data Capacity	
Remote measuring points	≤ 64
Remote signaling & remote control points	≤ 128
Remote regulation points	≤ 8
Electric energy metering points	≤ 16
SOE event storage	≤ 128 records
Protection event storage	≤ 128 records
Data forwarding channels	≤ 3 channels (customizable on demand)
Single channel forwarding data points	Custom configurable, general standard ≤ 2048 points

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