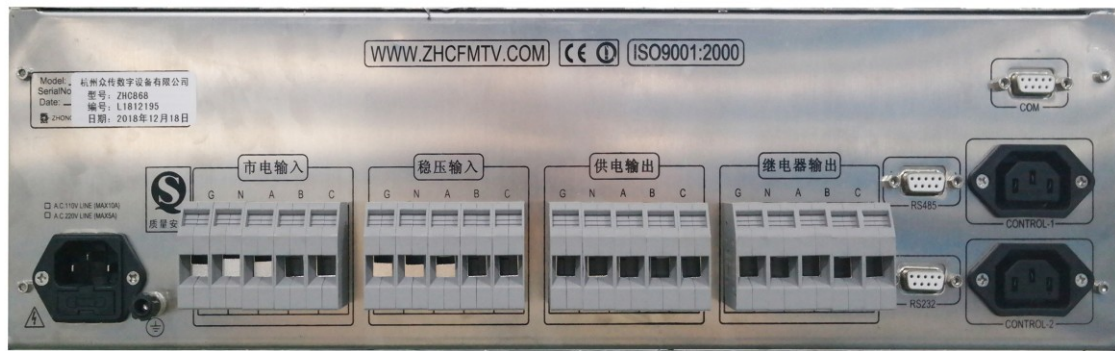


ZHC868 Power Supply Sampling Controller



Overview:

This product collects real-time voltage and current status and control for remote communication. It implements dual 380V or 220V input for mains and stabilized power. After switching, it outputs 380V or 220V. It can perform automatic switching and manual switching in both local and remote control states. (Priority for voltage stabilization); when the machine is powered off, the power supply output is maintained, and the power supply state is an automatic switching state. It is suitable for power supply switching of various equipment, and has power failure alarm output. Use 3U standard chassis.

Features:

1. Communicate with the transmitter controller through the 485 interface
2. Two-way 380V input for mains and regulated power, 380V output after switching

3. Automatic switching and manual switching can be performed in two states of local and remote control (voltage stabilization priority)
4. Perform transmitter switching power supply operation and provide 380V transmitter power output (10Kw transmitter)
5. When the machine is powered off, keep the transmitter power output, and the power supply state is automatic switching state
6. Upload detailed status of power supply
7. Provide a single set of frequency transmitter system alarm 12V alarm output, which can be directly connected to the alarm controller

Technical Specifications:

1. Equipment interface: RS-232 (DB9 pin), RS-485 (DB9 pin), alarm output connector (female), power supply interface adopts wall-through terminal.
2. Support protocol: MODBUS
3. Serial port rate: 300bps-115200bps
4. Data word length: 7 or 8 bits
5. Stop bits: 1 to 2 bits
6. Parity check: odd, even, none
7. Equipment power supply: AC220V
8. Equipment power consumption: 10W
9. Use environment: $-30-70^{\circ}\text{C}$
10. Equipment size: 19 inches, 3U (660mm×484mm×132.5mm)
11. Both acquisition and control adopt industrial-grade communication modules and chips, with watchdog function