



Description

PLC is used as the control unit, and the load output is flexibly controlled by the software of the upper computer, which can be controlled by the monitoring screen of the upper computer, and can also realize "unattended" work by the timing function of the software, which greatly improves the intelligence and can adapt to various complex application scenarios. PLC intelligent power distribution cabinet adopts the intelligent control mode of "step-by-step delayed power on" and "step-by-step delayed power off" at the same time to avoid the instantaneous impact of large load on the power grid, which effectively protects the electronic components of the display body and prolongs the service life of the display. It can extend the service life of the display.

Features

- * Equipped with all-round electrical protection measures such as overcurrent, short circuit, open circuit, overload, surge, etc.
- * It has multiple control methods such as physical buttons, handheld remote control, computer remote control, etc., which are fast and convenient. The physical buttons and handheld remote control can only power on and off the entire power box at the same time. The handheld remote control can control up to 800 meters in an open distance.
- * With single-unit and cluster management functions, it adopts multiple remote communication ports such as RS485 wired Ethernet, and can be controlled by any computer in the local area network;
- * It can set 4 groups of switch time, support the function of power on and off at scheduled time every day, and the system will automatically cycle after setting, meeting the management needs of different occasions;
- * It can realize real-time temperature and humidity monitoring, real-time smoke monitoring, and automatic power off in case of high temperature, high humidity and smoke alarm through PLC software;
- * After the alarm is triggered, the computer will automatically force a pop-up screen prompt, the PLC module and computer buzzer will sound for a long time, and other alarm methods;
- * It can power on and off the entire relay circuit, and can also control the power on and off of each contactor individually through PLC software;
- * Built-in lightning arrester, with lightning protection function, Class B lightning protection;
- * Built-in 10A-16A spare three-hole universal socket;

Specification

Rated power	30KW, output channels : 9
Input Voltage	3-phase 5-wire AC380V±10%, the power frequency is 50Hz±5%, with over-current, over-voltage, short-circuit, circuit-break, overload, surge and other protection functions.
Output Voltage	Single-phase AC 220V
Optional switch	D32A*1P+D25A*2P
AC Contactor	(Rated current 32A)*3
Current rating	71.3A, main circuit breaker current: 100A, short-circuit leakage instantaneous protection value 10A
Control mode	PLC remote control + manual control + timing control + central control + remote control
Temperature range	-40~+85 C ±0.3 C
Humidity range	0~100%RH, ±2%RH
Smoke detector	Infrared Photoelectric
Working environment humidity	0%—95%RH
Working environment temperature	-10 C ~+80 C
Housing protection grade	IP30
Cabinet dimension	500mm*400mm*160mm
Equipment weight	≤15Kg
Equipment material	Cold rolled steel with paint
Installation	Wall-mounted