Power distribution cabinet

KZX(TV-P8120KW-B)

Description

PLC is used as the control unit, and the host computer software is used to flexibly control the load output. When in use, the jog control can be performed through the host computer monitoring screen. At the same time, the timing function of the software can be used to achieve "unattended" work, which improves the intelligence of the product and can adapt to various complex application scenarios. It can be connected to the central control to achieve centralized management.

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 uses 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 buzzer will alarm, the software will pop up screen, 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;

*The PLC software has a Chinese-English bilingual switching interface and can run on domestic operating systems such as Kylin, Tongxin, and Hongmeng HarmonyOS;

*The PLC software can automatically save all operation records, alarm records, temperature and humidity operation data, support historical record query, and export Excel documents;

*Support independent air conditioning control circuit, can set timed start or linkage control with ambient temperature and humidity probe, independent air conditioning control requires one contactor;

Power distribution cabinet

KZX(TV-P8120KW-B)

Specification

Rated power	120kW, output channels: 36
Input voltage	Three-phase five-wire system AC380V±10%, frequency 50Hz±5%
Output voltage	Single phase 220VAC
AC contactor	(Rated current 50A)*4+(Rated current 32A)*4
Rated current	200A, main circuit breaker current: 200A
Control method	PLC remote control + manual control + timing control + central control + remote control
Temperature measurement range	-40~+85℃ , ±0.3℃
Humidity measurement range	0~100%RH, ±2%RH
Smoke detector	485 Communications
Working environment humidity	0%—95%RH
Operating temperature	-10℃~+80℃
Enclosure protection grade	Ip30
Box size (height*width*thickness)	800mm*700mm*160mm
Equipment weight	≤33Kg
Equipment material	Cold rolled steel with paint
Installation	Wall-mounted