

Product Overview

The PZ30 lighting distribution box is suitable for single-phase and three-phase circuits with a frequency of 50Hz, a rated voltage of 500V and below, and a load current not exceeding 100A. It is used for power and lighting, motor control, and overload, leakage, and short circuit protection of the circuit. This box has a reasonable design, small volume, beautiful appearance, safe and reliable use, and can be widely used in factories, buildings, residential areas, shopping malls and other places

This product complies with GB7251.3 "Low voltage switchgear and control equipment, Part 3: Special requirements for distribution boards for low voltage switchgear and control equipment that non professionals can enter the site"

产品型号说明

P Z 30 - □ - □

① ② ③ ④ ⑤

①	终端配电箱
②	照明
③	设计序号
④	R(M): R 为暗装, M 为明装
⑤	总回路数

Usage conditions

Altitude: not exceeding 2000m

Environmental temperature: The ambient air temperature should not exceed 40 °C and should not be lower than -25 °C

Relative humidity: The monthly average relative humidity of the air at +20 °C should not exceed 90%

Places without severe vibration and impact

There is no explosive hazardous area, and there is no gas or conductive dust in the medium that can corrode metals and damage insulation

Note: If ordering this product exceeds the above conditions, please consult with our company

GR Product Structure

The PZ30 lighting distribution box is made of high-quality steel plate with a thickness of 1.0mm. The shell is treated with high-voltage electrostatic spraying. Paired with a plastic transparent cover, it has a beautiful and elegant appearance, with knock off holes punched on both the upper and lower sides of the shell, making it convenient for users to enter and exit the line

Factory standard combination system with horizontal block structure

Each box design is innovative and aesthetically pleasing, combining standardization and serialization

Lighting box single-phase and three-phase can be used interchangeably; Monopole, multipole, and leakage can be combined arbitrarily

Rated current ≤ 100A, enclosure protection level reaches IP3X

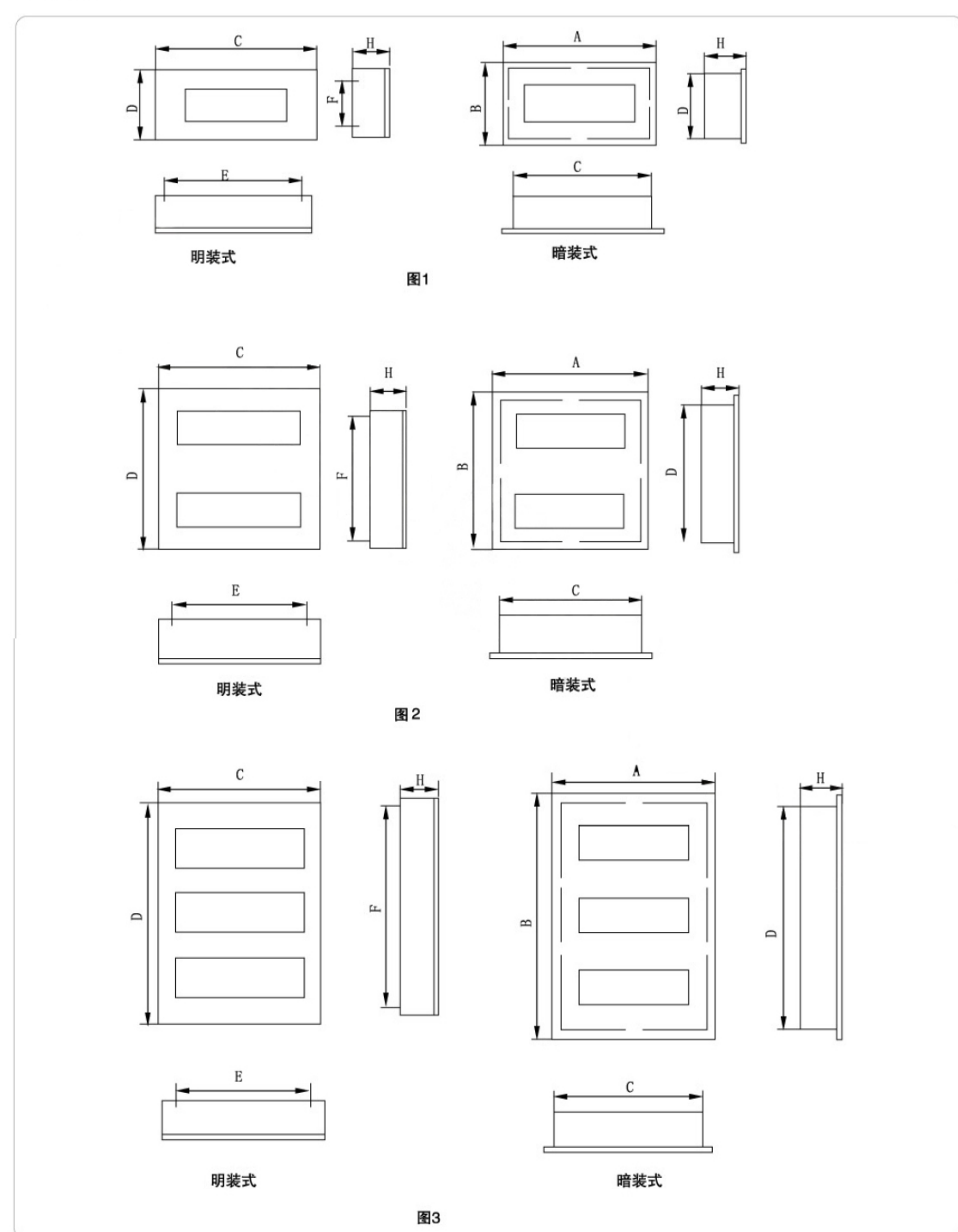
Ultra thin structure suitable for concealed installation and wall hanging installation of lightweight structural walls

Safe and reliable single-phase and three-phase comb shaped busbar connections, as well as busbar insulation protection sleeves, provide higher safety performance and better thermal stability

技术参数

产品型号	PZ30 系列配电箱
额定绝缘电压	AC400V
额定电压	AC230V/400V
负载总电流	100A
工频耐压	2500V/1min
外壳防护	IP30
等级接地电阻	≤ 0.05Ω

外形及安装尺寸



尺寸回路	A	B	C	D	E	F	H	备注	图号
4	153	172	131	150	71	80	90	单排	图 1
6	191	222	169	200	109	130			
8	227	222	205	200	145	130			
10	262	282	240	260	180	190			
12	300	285	278	260	218	190			
15	355	282	333	260	273	190			
18	407	282	385	260	325	190			
20	442	285	420	260	360	190			
24	300	482	278	460	318	390	双排	图 2	
30	355	482	333	460	273	390			
36	407	482	385	460	325	390			
45	335	687	333	665	273	595	三排	图 3	

Ordering Notice

When placing an order, users must specify the number of circuits in the distribution box, the circuit current, and the number of poles of the circuit breaker

If equipped with a main switch, the current and number of poles of the main switch should be indicated

Indicate the direction, quantity, and size of the import and export lines

If lighting, power, and leakage are mixed, a schematic diagram must be provided