

Low Voltage Cable Branch Units/Boxes

Summary

Low Voltage Cable Branch Units/Boxes are divided into two categories according to their electrical structure: one type does not contain any switch equipment, and only the accessories for handling and connecting the cable ends are in the box body. The structure is relatively simple, the volume is small, and the function is relatively simple. It can be called ordinary branch box; the other type not only have the accessories of the ordinary branch box, but also one or more switch devices, its structure is more complicated, the volume is larger, the connecting devices are more, and the manufacturing technology is more difficult, high cost, which can be called advanced branch units/ boxes.

Low voltage cable branch units/ boxes, which are divided into two types: SMC composite material combination method and metal plate production method. They are mainly used in the public power grid, new and diverse wiring methods and component layout, can fully realize the installation of non-drilled busbars, the busbar load capacity is not affected.

Picture



Working condition

Ambient temperature	-30°C—40 °C	Altitude temperature	≤ 2000 m
Daily relative humidity average	≤ 95%	Monthly relative humidity average	≤ 95%

The equipment is installed in places where there is no severe vibration and shock, and where the electrical components are not corroded.

Technical Parameter

Rated working voltage	380 V	Rated insulation voltage	660 V
Short-time withstand current	15 kA	Main bus rated current	630 A
Frequency	50 Hz	Case protection level	IP 44
Pollution level	3		