



## DLDS-1214F Electrical Installation Training System



DLDS-1214F electrical installation equipment will train various kinds of innovated design ability, practical operation ability, and engineering practical ability of students according to the standards and processes of WSC. The equipment is also equipped with the world's skills competition supporting resource package. This equipment also includes building intelligent control training system, using KNX digital distributed control system for automation and centralized control management within the area of all kinds of lighting, air conditioning, curtains and other electrical equipment. It can fulfill the energy monitoring, not only effectively managing the electrical equipments, and providing flexible functions and effects, but also maintain and extend the service life of lamps and electrical equipment to achieve safety, energy saving, hommization , intelligitization . It can also be conveniently used according to the needs of users for expansion in the feature.

Electrical installation device project, taking world skills competition modes and ideas for reference, is designed by combining with the practical training characteristics of technical schools. It is synchronous with the latest information of electrical installation device project in WSC, complete sharing the resources. The built equipment, in full compliance with the world competition site environment, let students experience the charm of the world competition. Related supporting information of this equipment consists of not only supporting test and evaluation standard of world skills competition and national skills competition, but also the training simulation questions and evaluation standards for WSC, and safety and health standards, etc.

## II. Technical Parameter:

1. Outline dimension: ladder structure, outer side is established by patch board, and inner side is established by five simulation metopes.

2. Operation desk and tools box

Operation desk:1600(L)X700(W)X750(H)

It provides for workers operating platform, avoiding the interference of various factors, easy to operate and to protect workers. It plays a key role in completion of the operation.

Tools cabinet:

It is to protect the safety of the operators, available for the tools stroage.

3.Power supply : It adopts emerging technologies for electrical installation, with each station equipped with a power socket (AC380V three-phase five wires), a computer power socket (AC220V single phase), a power socket for player's electrical construction. (AC220V single phase), a lighting fluorescent lamp, and 1 power strip.

3.1 Input power : three phase three wires 380V±10% 50HZ

3.2 Working environment : environment temperature range -5~40°C

3.3 Capacity : AC<4KVA

3.4 Safety Protection : leakage protection (working current≤30mA) , overcurrent protection, overload protection, emergency stop protection, undervoltage protection

3.5 Relative humidity : <85%