LF-CMSM
SLAVE DEVICE INSTRUCTION
MANUAL
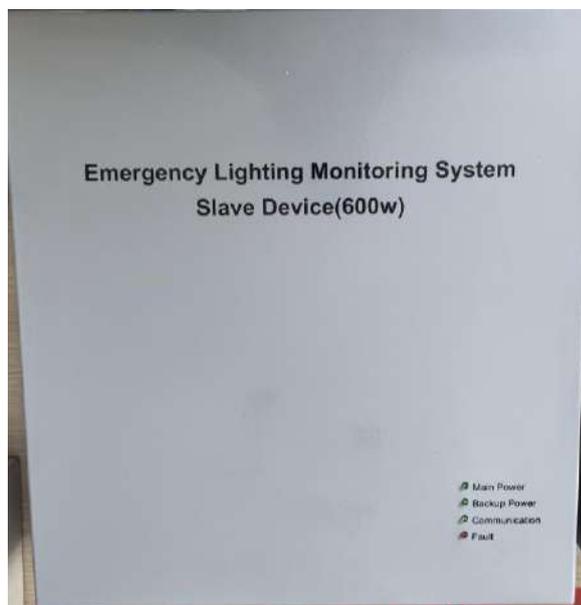
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1. Main Technical Parameters

Model	LF-CMSM
Installation Method	Wall-mounted
Input Parameters	AC200 ~240V/7.5A, 50/60Hz
Output Parameters	DC36V，14A，500W
Communication Interfaces	1, For communication with slave devices, twisted-pair wires are used in serial port transparent transmission mode, with a fixed rate of 2400bps and a maximum communication distance of 200 meters. 2, For communication with the host server, the CAN interface is used, and the connecting wire must be shielded.
Operating Environment	0℃~40℃，：≤60%RH Temperature: 0°C - 40°C, Humidity: ≤60%RH
Loading Capacity	250 Up to 250 lamps

2. Chassis Interfaces

1.

Communication Interface: Two-wire twisted-pair wires are connected to the internal terminals (divided into 4 channels). For example, in the first channel, connect the positive pole to the 1+ terminal and the negative pole to the 1-terminal; in the second channel, connect the positive pole to the 2+ terminal and the negative pole to the 2- terminal.

CAN Interface: Connect the CAN interface wire from the host server to the interface on the board and fix it properly, with H connected to H and L connected to L.

3. AC：200~240V，50/60Hz，

AC Interface: Connect 200 - 240V, 50/60Hz to the AC power of the internal switching power supply.

4. Precautions

1. Fix the AC power cord, signal output wire, and CAN wire properly.
3. When powered on, the slave device provides power for the communication of all the lamps it controls.

3.All lamps are powered by mains electricity and should be connected to the L and N poles. It is strictly prohibited to connect them to the communication port.

Networking Schematic Diagram

Input AC200-240V

slave device

twisted
-pair
wires
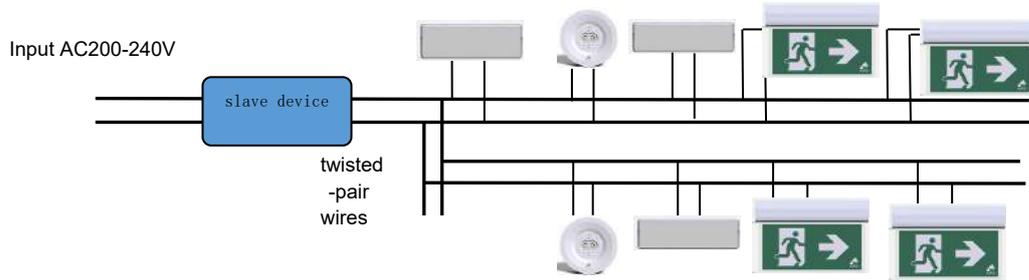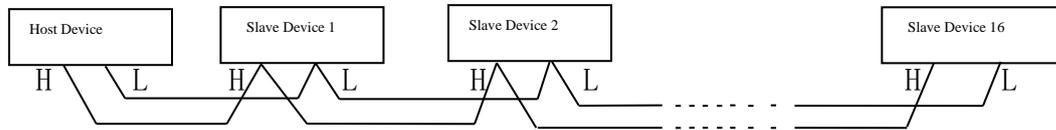
Figure 1

1.The distance between the slave device and the farthest lamp device it controls should be less than 200 meters. The connection between the slave device and the lamp is shown in Figure 1.

2.The connection methods between the host and the slave device, as well as between slave devices, must be strictly in accordance with Figure 2.

5. Structural Features

5.1 Installation Method:

The device is fixed to the wall with expansion screws.

6. Maintenance and Repair

6.1 When the device is not in use for a long time, turn off the power switches of all devices in the system.

7. Packaging and Storage

7.1 The packaging marks should include graphic marks for packaging and storage of rain-proof, upright, and fragile items.

7.2 The device should be packed in the packing box in the specified direction, and the box should be equipped with shock-proof measures.

7.3 This device should be stored in an environment with a temperature of 0 - +50°C, no condensation, and no corrosive gases.

8. Unpacking and Inspection

8.1：When the device is taken out of the packing box, first check whether the appearance of the whole machine meets the following requirements:

1）

The surface has no mechanical damage such as corrosion and cracks.

2）

The fastening parts are not loose, and there is no foreign matter inside the machine.

3）

All functions of the device are normal without any abnormalities.

4）

The text symbols and signs are clear.

8.2

Check the device accessories: All accessories are packaged separately, and there is a packing list inside. Please check them one by one according to the list.