

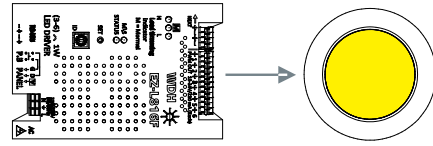
# Six output LED dimming controller

## EZ-L816F

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## INTRODUCTION

*High-performance LED lights dimming device*



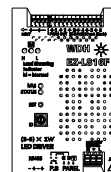
### Specification

- Independent 6-channel output current limiting to ensure LED wick will not be aging, prolong LED life
- Output voltage adjustable 9–21V applicable (3 ~ 6) × 1W LED  
And output voltage adjustable 18–42V applicable (6 ~ 12) × 1W LED
- With high / low voltage indicator, detected high output, L816F will automatically power off to protect the lamps using the most secure
- PWM dimming mode, from the minimum brightness to maximum brightness of 256 independent dimming rank, with a complete protocol can be specified to perform different brightness values
- 1 ~ 100% brightness adjust brightness and stable, even as low as one percent remained stable brightness light is not blinking
- With the lowest brightness setting can be adjusted on the basis of the best results in different lighting
- With M / S (master / slave) to change the setting, through a special port expansion can be cascaded in series multiple L816F makes the same circuit, effectively solve the problem of insufficient single loop load
- With indicator clearly shows the current operating state
- Planning has power and memory settings can be selected after the restoration is to lights to the last brightness value or off modes

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- Lights function execution delay, after automatic timing Close load
- ID encoder can be connected to multiple addressable control
- Error alerts, when RS485 polarity misplaced, L816F will issue a short beep every 4 seconds warning buzzer, easy wiring construction workers
- With IO control functions, can be connected to any commercially available panel (BP), a single key action to make dimming and on / off operation, the operating command can also accept 485 Console hosts
- A simple light bar display dimmer panel connections are port, to be with (D-L23 Optional) operating panel
- Good heat dissipation planning, the whole machine are made of metal alloy shell, it is conducive to heat dissipation
- All components are carefully selected by the International Security Certification parts production
- With independent safety fuse, instantaneous current overload protection control circuits immediate effect, from the side of the machine can easily replace the fuse
- Provide reliable and solid body fixed and easy removal maintenance
- Proprietary protocol software, the complex software-based communication protocol, a simple guide program staff to utilize the parameters command (random authorization)



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## EZ-L816F



Caution: Do not disassemble

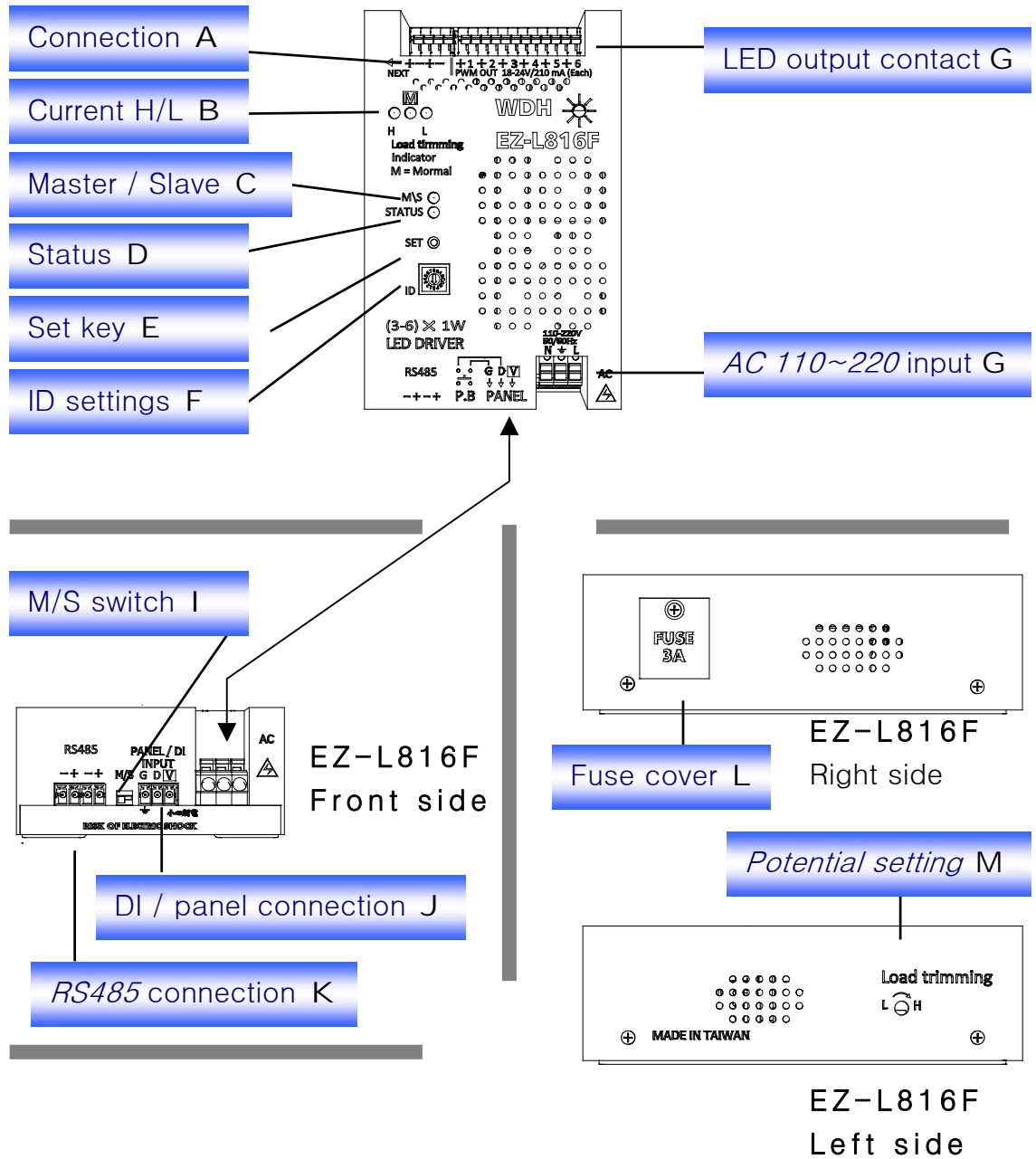
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- In addition to replacing the fuse, arbitrary demolition of the case may be dangerous. As long as there is this action deemed vandalism, the user will lose the warranty status, and does not apply any warranty terms
  - Each L816F can simultaneously control up to 6 Specifications and requirements of the LED lamps
  - L816F total of six LED output control connection, LED lighting model and wattage connections at each output should be the same, do not mix different lighting to use staggered
  - L816F should avoid device to moisture, high humidity, the machine is easy to damage and danger
  - L816F in use will be its operating temperature, try to choose natural ventilation installation environment, so as to avoid poorly ventilated enclosed environment cause the body temperature is too high
  - Many of the LED are marked replaceable general lighting, but most of the inside to install electronic circuits, this product does not apply to this type of light dimming use
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## EZ-L816F

# Six output LED dimming controller EZ-L816F

## Hardware



# Six output LED dimming controller

## EZ-L816F

### Dimensions and product packaging accessories:

Dimension: 133 \* 84.5 \* 39.5 mm

Weight: 500 grams (3~6W) / 536 grams (6~12W)

Input power: AC110~220V

Control voltage: AC 110 ~ 220V

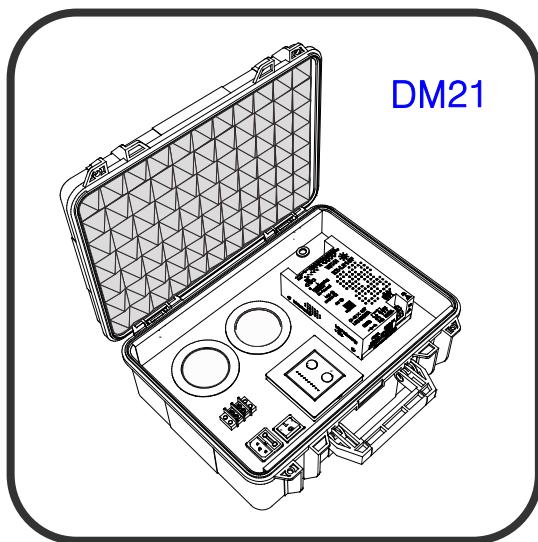
**Optional accessories:** Dimming special panel L-B23

Packing: environmental carton

Safety regulations: CE / FCC

### DM21 EZ-L816F DEMO Box

L816F demo box, connect the power the demo box configuration feedback L-B23 panel can control the LED continuous dimming



### DM21 contents

- Airtight Cabinets
- EZ-L816F\_3-6w
- L-B23 dimming panel
- 3W LED \* 2
- RS485 input terminal
- Fuse power socket
- Power switch

Another dual-color LED dimming control module **EZ-L824F**

Please refer to the relevant information