Description:

RX-DM25 1-10V dimmer, easy to install, provides 10V 40mA drive current, suitable for most DC 0/1-10V power dimming, including Ming Wei three-in-one dimming power supply, No extra power required. You can use the RJ11 / 12 telephone wire, Dimming in parallel.

1. Input voltage: DC1-10V
2. Output current: 40mA
3. compatible all 0/1-10V interface dimmable electronic LED driver and power dimmers
4. Working humidity: 20%-90% RH
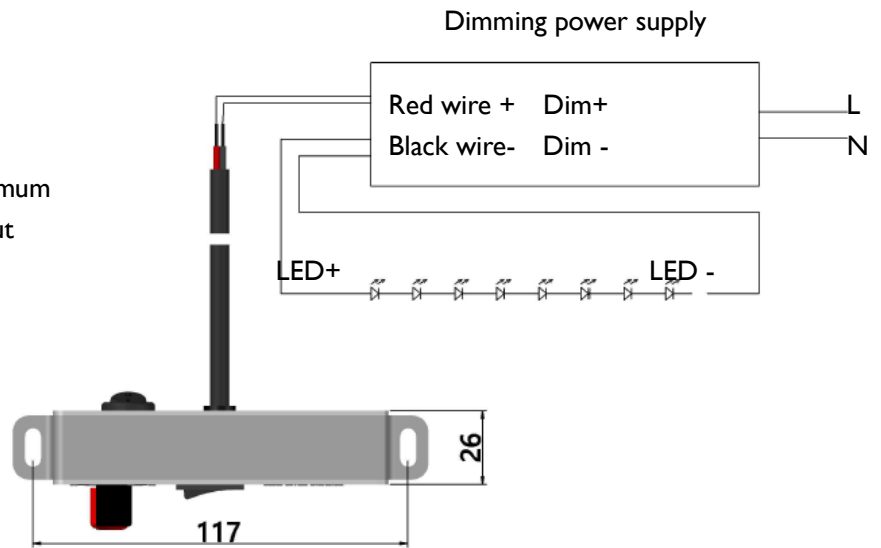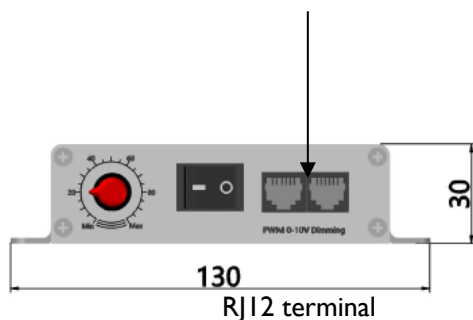5. Dimension: 130*26*30mm
6. life span 50000hours
7. CE RoHS FCC

Model	Dimension LxWxH	Input	output	Compatible power supply	Comment
RX-DM25	130x26x30mm	10V Dimming power supply dimming input wire	0.6 ~10V max40mA	0/1~10Vdc LED drivers	Not waterproof
Operating temperature: -30°C ~ 40°C , Lifespan: 50,000 hours (Note: Ta 25°C)					

The above data is for reference only!

Dimension:

Dimming power supply

Red wire +   Dim+   L
Black wire-   Dim -   N

LED+   LED -

Use external dimming, adjust knob to the maximum
1-10V or PWM Input and Output

30
130
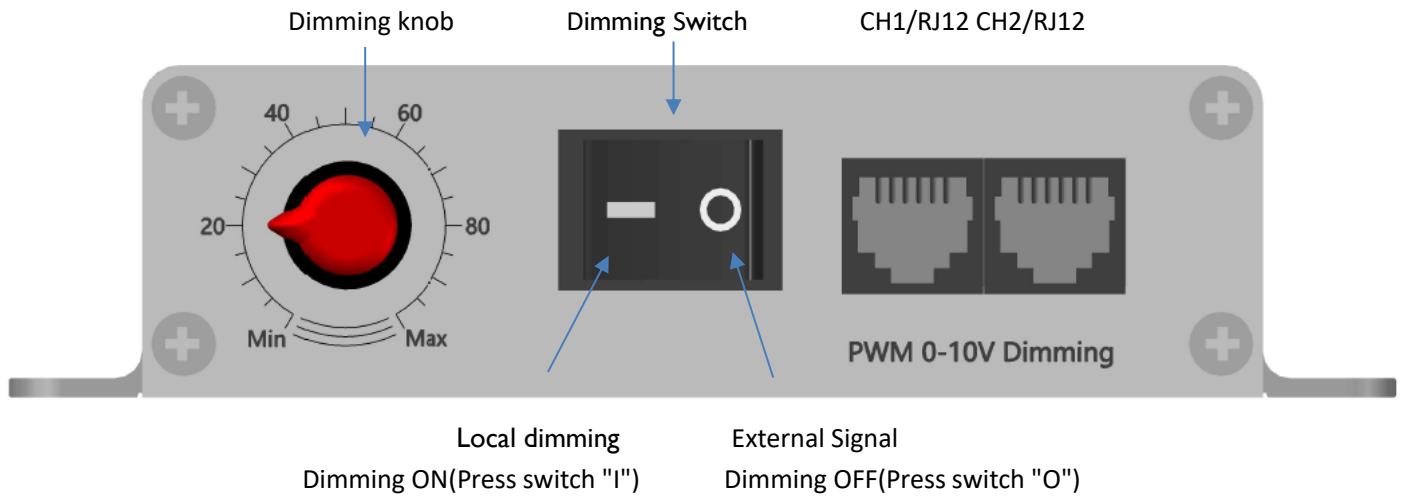RJ12 terminal

26
117

Unit: mm

Note:

The installation must be carried out by electrical specialist in accordance with international and national standards.
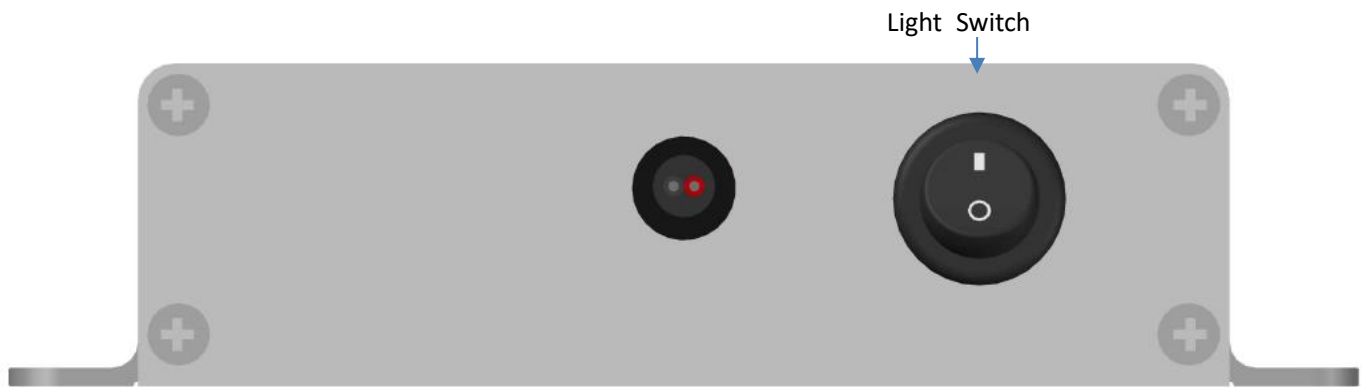
The max. load connected to the drive is 10V/40mA

Place the driver away from direct heat sources and in well-already spaces. If the driver is built-in, sufficient ventilation must be ensured.

When connecting the electronis LED driver&ballasts and power dimmer, careful attention should be paid to connecting red "+" and black "-"

- ## SINGLE LIGHT DIMMING OPERATION

Dimming knob   Dimming Switch   CH1/RJ12 CH2/RJ12

40   60
20   80
Min   Max

PWM 0-10V Dimming

Local dimming   External Signal
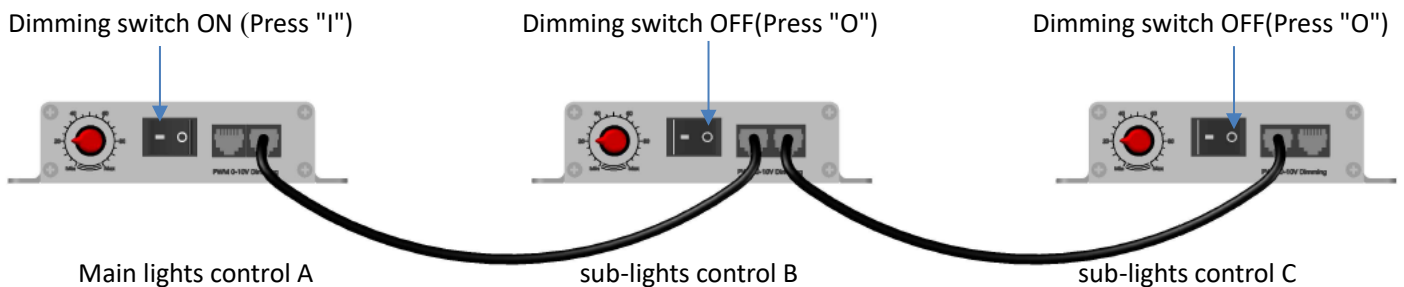Dimming ON(Press switch "I")   Dimming OFF(Press switch "O")

The dimming switch is set in the local dimming, the dimming knob is used for dimming, and the light switch is on and off
(If the dimming switch is set to the external signal, the dimming knob and lamp switch are invalid)

Light Switch

Light Switch: Turn on and off the lights   (Only valid when dimming switch is on)

- ## MULTI-LIGHTS CONNECTION DIMMING OPERATION
  If you choose this operation,all lights output(brightnes) are same

Dimming switch ON (Press "I")   Dimming switch OFF(Press "O")   Dimming switch OFF(Press "O")

Main lights control A   sub-lights control B   sub-lights control C

Step1,   Conect multiple lights with RJ11/12 cable(suport up to 12 lights)

Step2,   Choose one as main-light, others as sub-lights (eg:A as main-light,B&C as sub-lights)

　　(1) Turn on the light switch of A, A controls the on/off of B&C

　　(2) Only turn on the dimming switch of main-light

Step3,   After completing step 1 and step 2. turn dimming knob of A controls the brightnes of B&C. The larger the scale value,the intenser the brightness