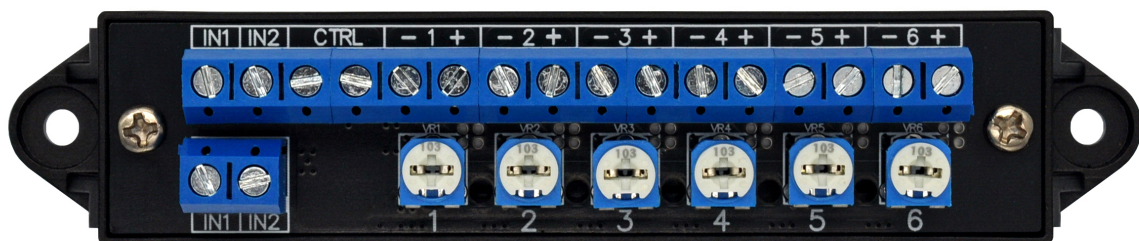


OONO®
CZH-LABS.com

Dimmer Control 6-Lights LED Hub Distribution Module

Model: D-1660BP



Features:

- Dimmer Control 6-Lights LED Hub Distribution Module, input AC 5-18V or DC 5-24V, for HO / N / O Train Model.
- 6 channels dimming output, each channel can be independently adjusted and controlled. All channel can support direct-connected LEDs, or LEDs with resistors in series. Using linear current control circuit, there is no stroboscopic problem of switching circuit to protect your eyesight.
- Each channel adjustable maximum current output 30mA(DC24V) / 20mA(DC18V) / 12mA(DC12V), minimum current 0mA (LED goes out completely).
- When connecting the input, you don't have to worry about the connection polarity of AC and DC, as there is a bridge rectifier circuit inside. Dual power input terminal blocks facilitate the expansion of power supply wiring to multiple modules, making your wiring look neater and simpler.
- Support external switch to control the on/off of all channels of this module, of course, you can also use it directly by short-circuit (the short-circuit cable is attached at the factory).
- UL CE CQC certified terminal blocks, FR-4 glass fiber PCB. Mounting base: PC (Polycarbonate plastic). Screws: 304 stainless steel, you can easily mount it on a wooden board.

Characteristic Parameters:

- 1, Operating Voltage: AC 5 to 18V, or DC 5 to 24V.
- 2, Maximum Current (one channel, LED without resistor in series): 2.5mA(at DC5V), 8mA(at DC9V), 12mA(at DC12V), 17mA(at DC15V), 20mA(at DC18V), 25mA(at DC21V), 30mA(at DC24V).
- 3, Maximum Current (one channel, LED with resistor in series):

$$(U - 2.7) / (680 + R) = \text{LED Current}$$

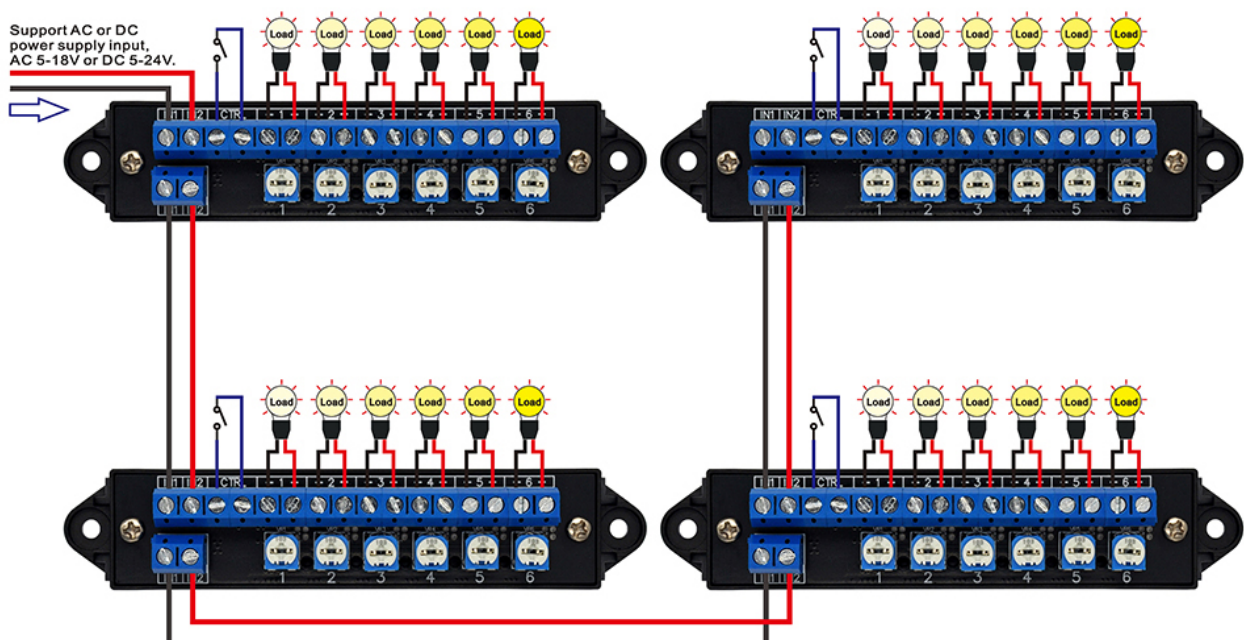
U ---- Power supply voltage

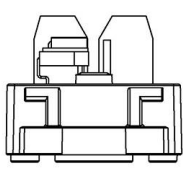
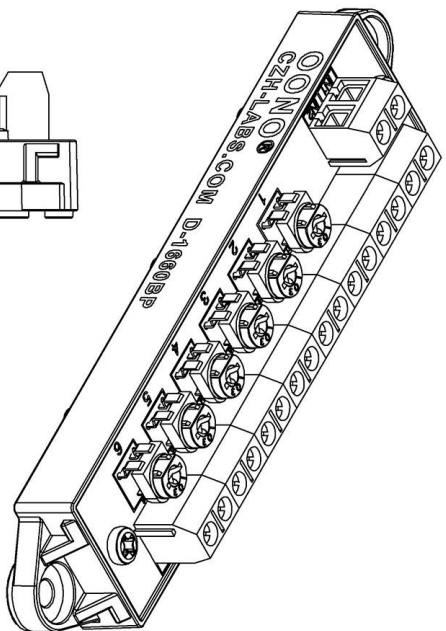
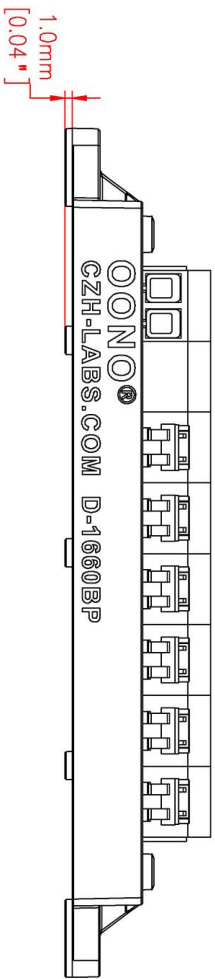
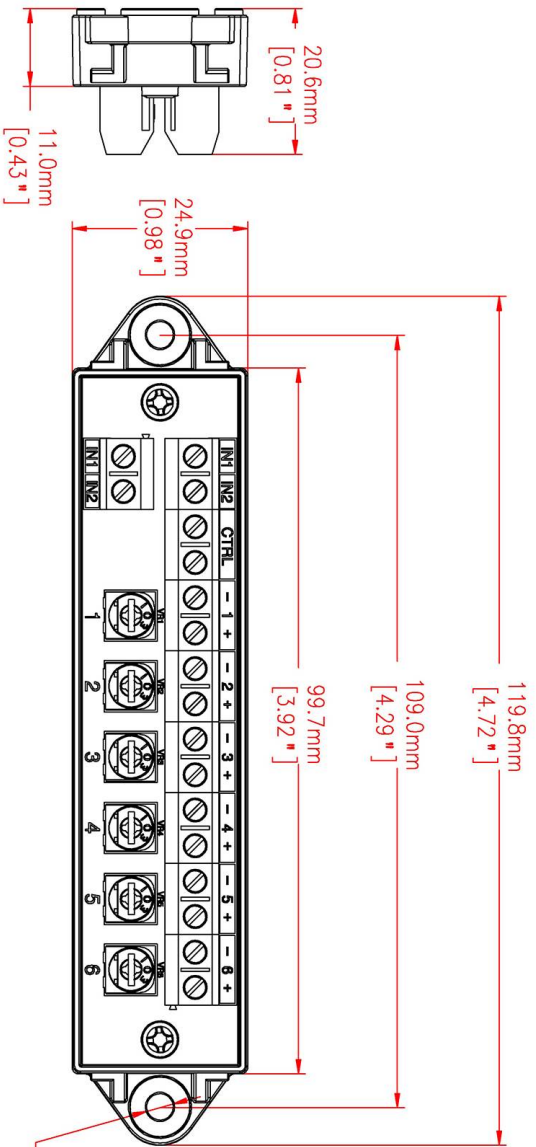
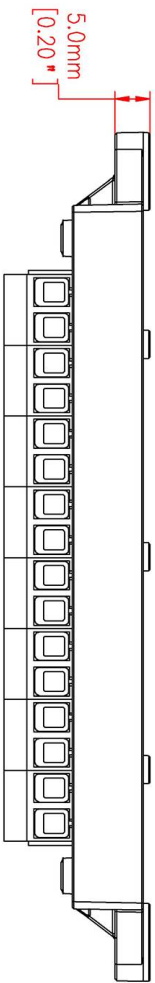
R ---- Resistor resistance for LED series

For example, LED series resistor is 1000 OHM and Power supply is DC18V, the current: $(18 - 2.7) / (680 + 1000) = 0.0091 \text{ Amp} = 9.1\text{mA}$

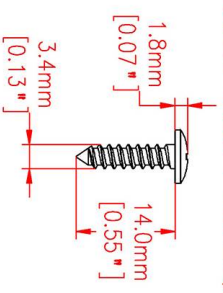
- 4, Minimum current 0mA (LED goes out completely).

Typical Connection Diagram:





3.8mm
[Ø0.15"]



Screw M3.5*14mm_2pcs

OONO® czh-labs.com

MODEL NO: D-1660BP SKU: MD-D1660BP-1

PROJECTION:  UNIT: mm / inch