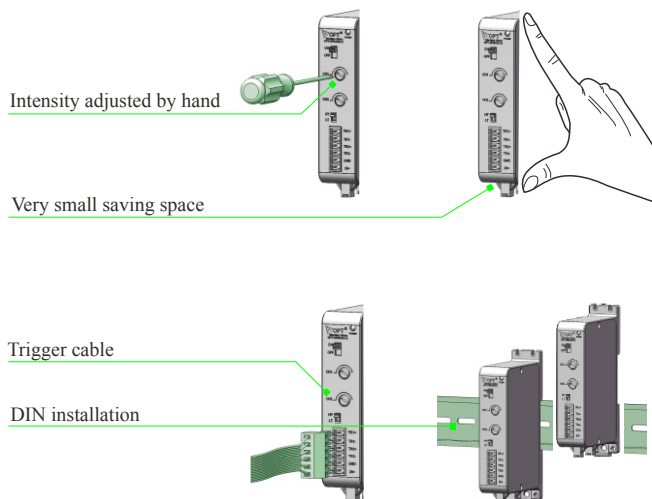


Mini Voltage Controller

Mini, Easy operation

OPT-APM0524B-2

No intensity level adjust, each channel can be adjusted individually



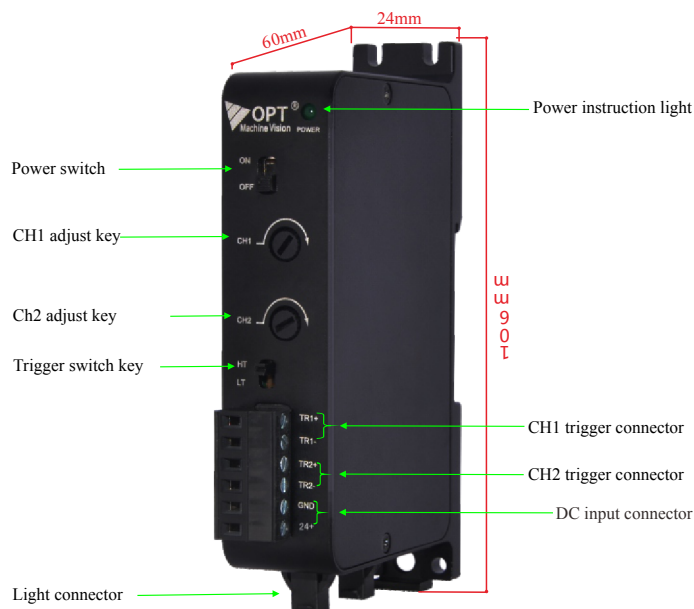
- Hardware trigger
- Trigger signal input: put the signal like camera trigger signal into controller, it can make the light flash and increase life span of controller.
- Voltage (AC1500V 1min withstand <10mA)
- Insulation resist (DC500V >20MΩ)
- Input DC20-24V, can be got from machine easily

OPT-APM0524B-2

OPT--- Company name
APM--- Controller type: analogue voltage
05--- Output current: 0.5A
24--- Output voltage: 24V
B--- Second generation
2--- Channels: 2 CH

Parameter Description

Items	Parameter	Description
Input voltage	DC20-24V	
Output voltage	14.0-24.0V ±0.2V	Adjust continuously
Light intensity	Stepless control	Adjust light intensity by potentiometer
Power anti-connect protection	yes	it is not damaged as the power anti connection
External trigger input	Trigger with signal	
Trigger delay time	<80us	
Trigger frequency	1/T	Decided by strobe time, for example T=1ms, the trigger frequency can be reached 1K
HT/LT switch	yes	Can be changed by the HT/LT switch key
Load	12W/CH 24W/2CH	Single channel max output is 20W, 2 channels total output is not over 40W
Standby power	<3W	
Voltage withstand	AC1500V 1min <10mA	
Insulation resist	DC500V >20MΩ	
Working temperature	-5°C~50°C	
Vibration test	10-50Hz (amplitude X/Y/Z direction 80mins)	
Shock test	From 6 directions, each direction for 3 times (up&down, right&left, front&back)	
Size(mm)	106*60*24	
Weight	0.13Kg	

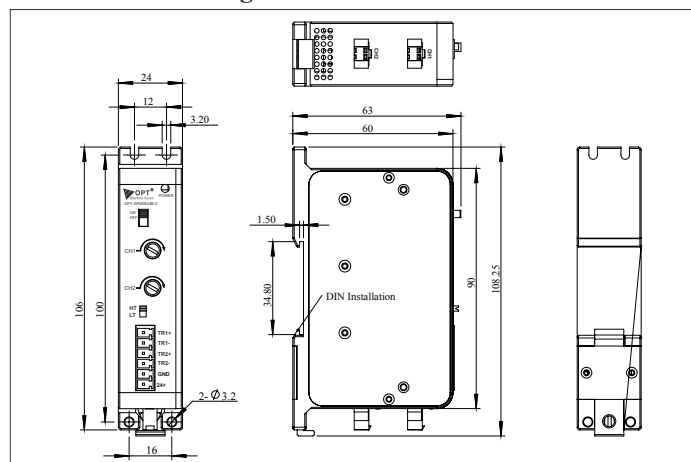


working environment: -5°C~45°C working humidity: 20RH~80%RH
storage temperature: -25°C~70°C storage humidity: 10RH~80%RH

Panel instruction

Panel	Instruction	Remark
Power indicated light	Light on when turn on the power	
Power switch	Turn on/off power	
Intensity adjust key	Intensity increase by clockwise, intensity decrease by anticlockwise	Before put power on, please turn the key to the left side, and put DC power, then connect the light.
Trigger switch key	Put the key to HT means + trigger Put the key to LT means - trigger	
Trigger connector	Connect trigger signal and strobe	The max frequency reach 1KHz
Power input	Input power DC20-24V	
Light connector	Output power DC14-24V	

Dimensional drawings



D-A-CH

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