

Benefits

This product is design for programme and configure MOONS' LED Drivers (AQI, CLK, CLKS, and CP series).

Just use the connection of different products can be used with different.

Easy to use. Just use the USB cable connected to the PC. You can programme and configure MOONS' LED Drivers by graphic operation.

For the LED drivers configuration mode, Don't need for LED drives connected to AC power supply, convenient field use.

This product applies to the customer factory and field use.

Features

Safety, USB Bus power supply;

Configuration function, can match MOONS' all series programmable LED drives ;

Programming function, can be used for a variety of LED drivers;

Testing and debugging function: can output 0-10V analog signal and 10V PWM signal, to dimming LED drivers;

Can be used as a USB to UART conversion tool (Optional);

The generic USB driver, USB driver using the FTDI utility;

Size: 68.3*64.3*25.5mm, for desktop use.



● Input Side



Output Side

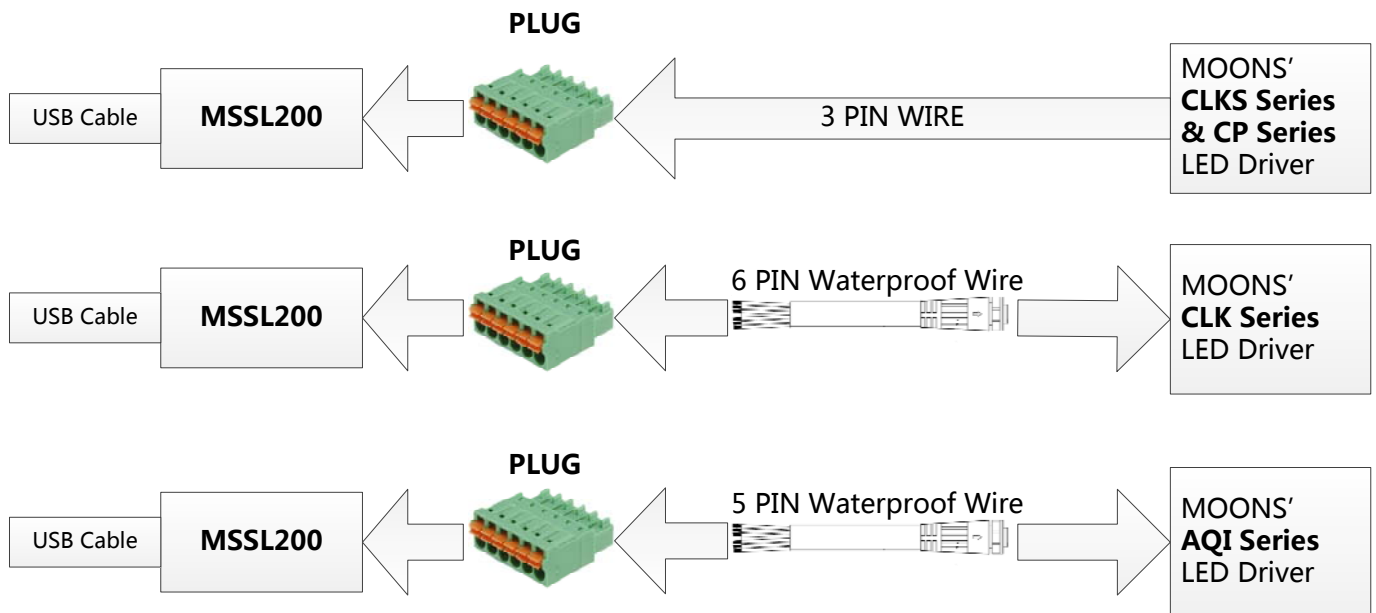
Technical Specification

Parameter	Test condition	Value
Input voltage	USB bus power	4.8~5.2VDC
Current rating	USB bus power	< 250mA
Signal PIN voltage	PIN 4,5 to GND , Configurable	3.0~3.3V or 4.7~5.0VDC
Signal PIN current	PIN 4,5 to GND	< 20mA
Output voltage	PIN 2 to GND , Configurable	3.2~3.3V or 4.8~5.0V
Output H voltage	PIN 6 to GND , Configurable	15~17V
Output Current	PIN 2,6 to GND	< 20mA
Dimming PIN voltage	PIN 1 to GND , Configurable	0~13.5VDC
Dimming PIN current	PIN 1 to GND , Configurable	< 10mA
PWM frequency	PIN 1 to GND , Configurable	900~1250Hz
USB transmission rate	USB I/O	19200bps default
UART transmission rate	PIN 4,5 to GND	9600bps default

Pin Definition

1	0~10V OUTPUT/PWM OUTPUT/RESET OUTPUT/HVPP OUTPUT/LED Code
2	VCC OUTPUT
3	GND
4	TXD/SWDP CLK/ICSP CLK
5	RXD/SWDP DAT/ICSP DAT
6	VCC H OUTPUT

Link to LED Drivers



Wiring Definition

No.	CLKS&CP Series	CLK Series	AQI Series
1	LED Code(Purple)	HVPP Output(Yellow)	HVPP Output(Yellow)
2	NC	VCC Output(Red)	VCC Output(Red)
3	GND(Gray)	GND(Black)	GND(Black)
4	NC	DAT(White)	DAT(White)
5	NC	CLK(Green)	CLK(Green)
6	VCC H Output(Yellow)	NC	NC