

SPEED CONTROLLER

LWSC-DC-005

The LWS-EC controller is for use with the full range of LONGWELL DC fans. Powered by the 10V DC output from the motor, it provides infinitely variable, manual speed control between 0% and 100%.

The maximum and minimum speeds can be varied during commissioning to limit the maximum speed and/or restrict the lower speed.

Ningbo Longwell Electric Technology CO.,LTD

NO.100, Ditang District, Yuyao, Zhejiang Province, China 315400

Phone 86 574 6218 9863

Fax 86 574 6218 9863

sales@zjlongwell.com

www.longwellfans.com

Model No.	LWSC-DC-005
Version Number	A0
Make	HE
Review	Zhang
Approvd	Guo
Date	20260519

技术专用
朗伟电器

Version number	Notes Remarks	Reason content	Revised by	Date

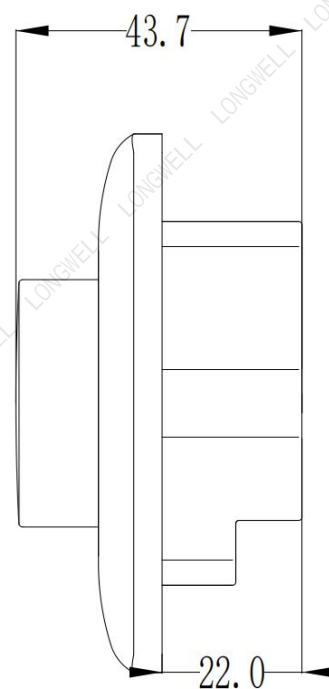
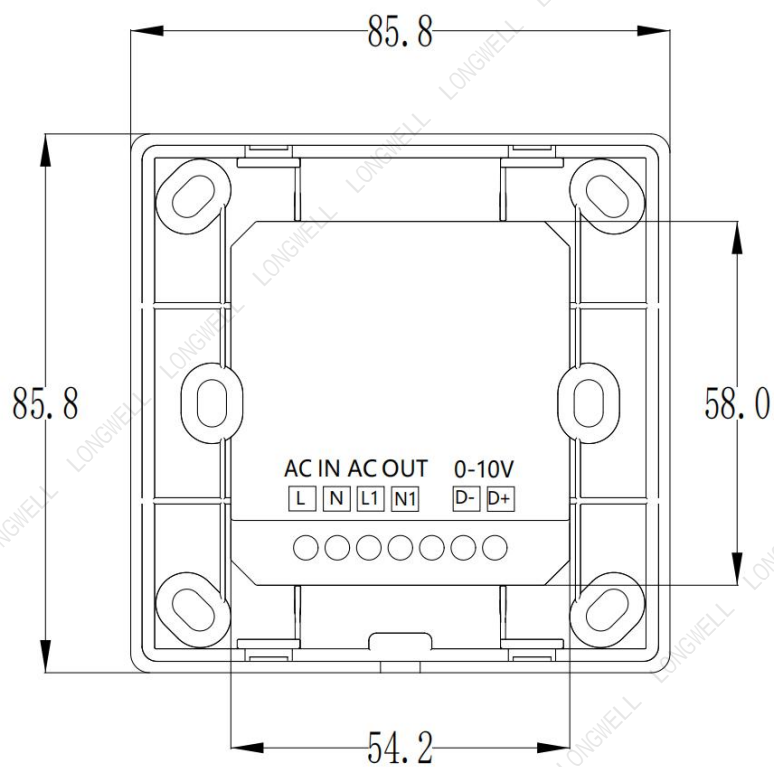
SPEED CONTROLLER**LWSC-DC-005****Nominal Data**

Project1	Value
Input Voltage	AC85-265V
Output Voltage	AC85-265V
Output signal	0-10V(20mA)
Output current	Max 3.0A(AC)
IP Rating	20
Operating Temperature	-30°C~55°C
Maximum shell temperature	+65°C
Dimming parameter input signal	knob
Dimming range	0-100%
Net Weight	0.090kg
Gross Weight	0.120kg

SPEED CONTROLLER

LWSC-DC-005

Product Drawing

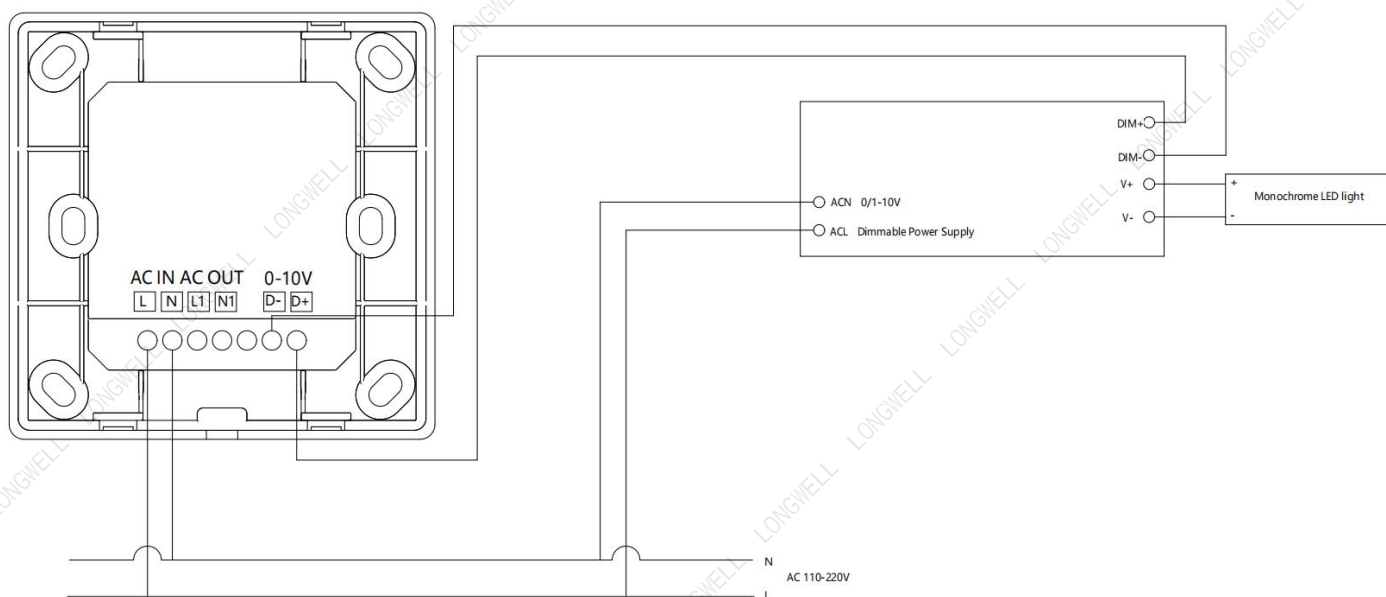


SPEED CONTROLLER

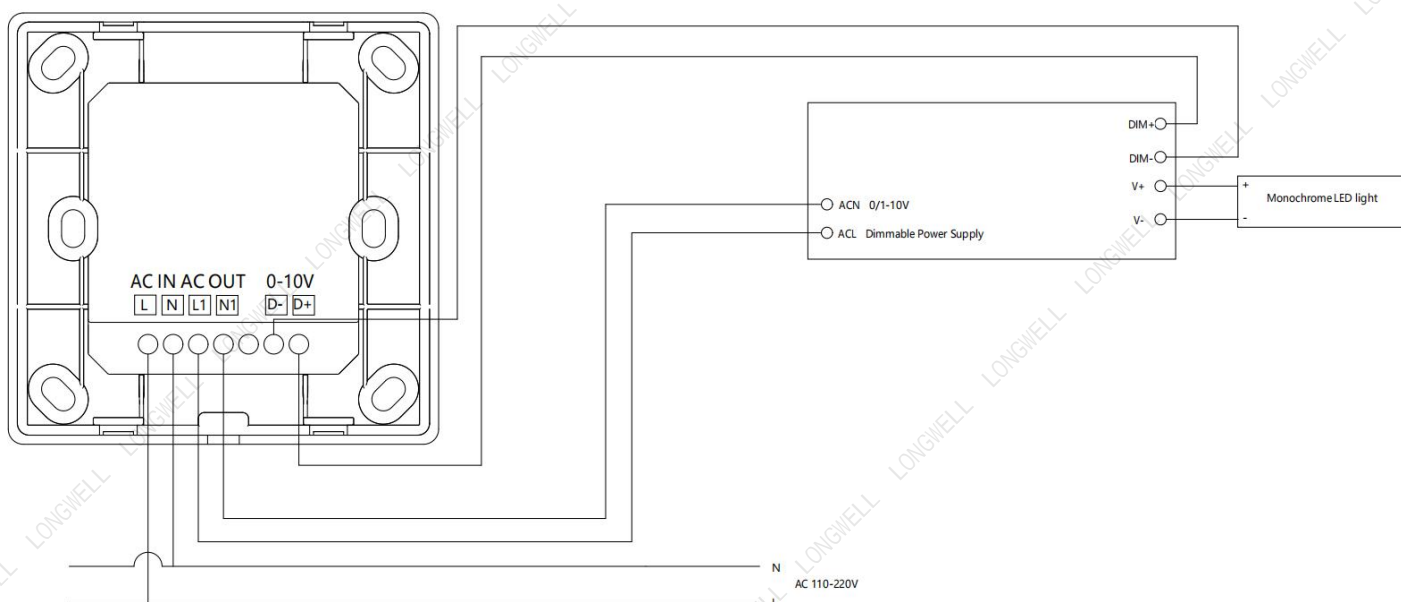
LWSC-DC-005

Wiring Diagram

1. Connect 0/1-10V Dimmable Power Supply (AC Output Not Used)



2. Connect 0/1-10V Dimmable Power Supply (Using AC Output)



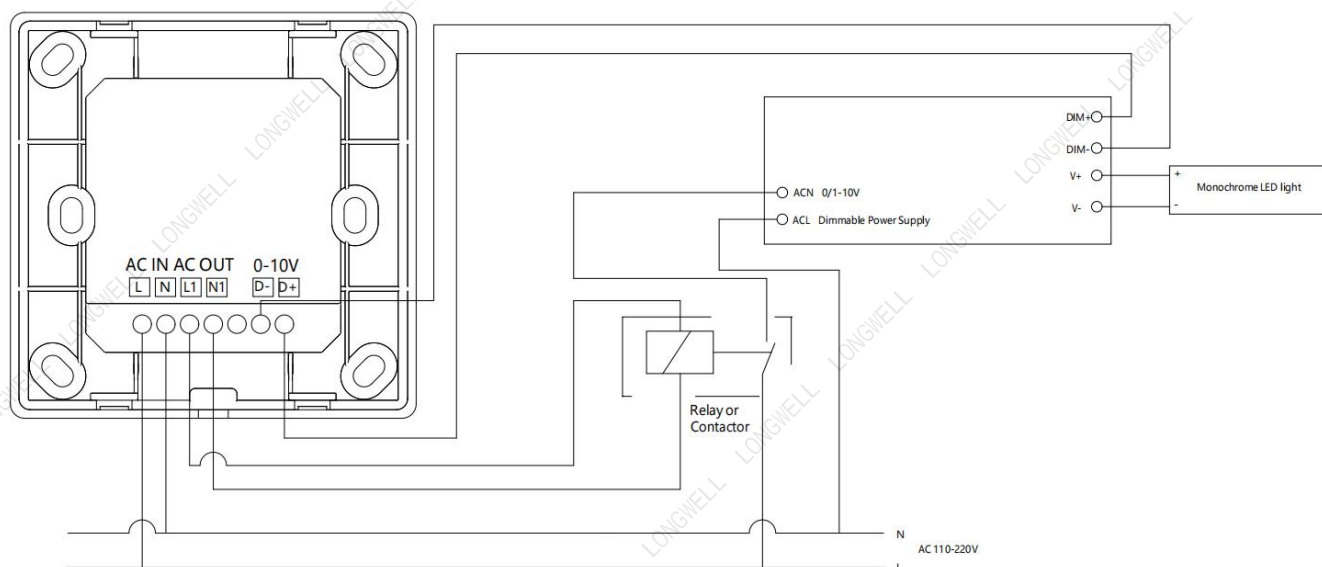
SPEED CONTROLLER

LWSC-DC-005

Wiring Diagram

3. Connect 0/1-10V dimming power supply (using AC OUT and a relay or contactor)

When the total input current of the load exceeds 3.0A or the surge current exceeds 15A, an AC relay or contactor needs to be used.



Note: It is recommended that the number of LED power supplies connected to a 0-10V dimmer does not exceed 5. The maximum cable length from the 0-10V dimmer to the LED power supply should not exceed 15 meters.

SPEED CONTROLLER**LWSC-DC-005****Approval****CUSTOMER APPROVAL****CUSTOMER SIGNATURE:****DATE:****Product Data Confirm:**