



SUNRICHER 2303P Dali plus Push plus Phase LED Dimmer Instruction Manual

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DALI+ Push+ Phase Cut+0/1-10V LED Dimmer

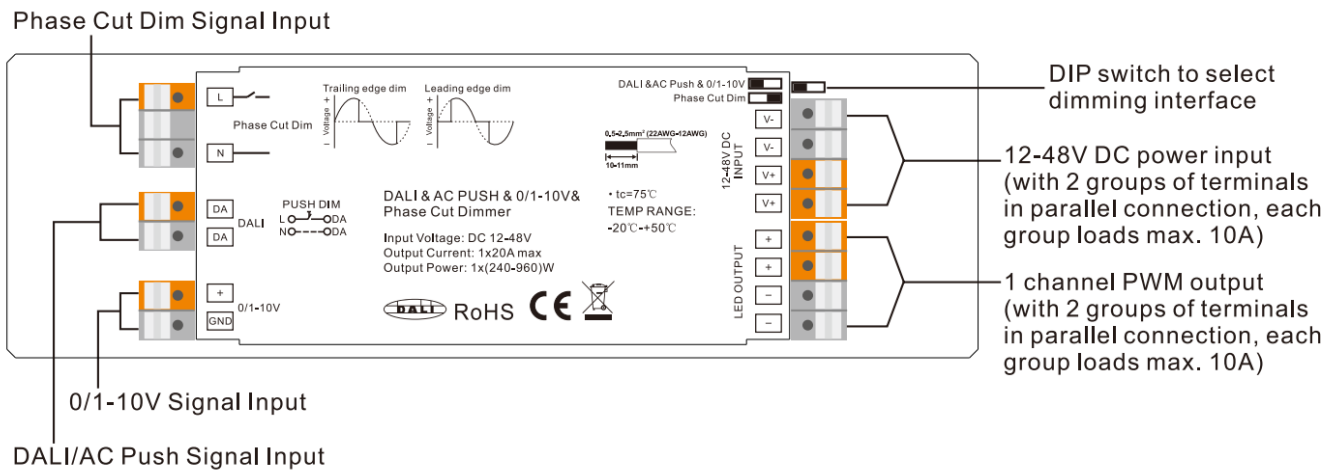


Important: Read All Instructions Prior to Installation

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Function introduction



Product Data

Input Voltage	Output Current	Output Power	Remarks,	Dimming Input	DALI Consumption	Dimming Range	Ambient Temperature
12-48VDC	1x20A	1x(240-960)W	Constant voltage	DALIBAC Push & 4x28mm), DALISAC Push.	2mA	0.1%-100%	20°C ~ +50°C

- Multifunction 4 in 1 LED Dimmer, with DALI, AC push, 0/1-10V and Phase Cut dimming interfaces
- In compliance with IEC 62386-101:2014, IEC 62386-102:2014, IEC 62386-207 Ed2.
- Built-in DALI-2 interface, DALI DT6 device
- Match all DALI systems in the market
- Dip switch to select different dimming interfaces
- 1 channel 12-48VDC output, max. 20A
- Supports both leading edge and trailing edge dimming input
- 1 DALI address assigned by DALI master
- Compatible with universal phase cut dimmers
- To work with power repeater to expand output power unlimitedly.
- Waterproof grade: IP20

Safety & Warnings

- DO NOT select dimming input with power applied to the device
- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

Operation

DIP Switch to Select Dimming Input

Before wiring, please first select dimming input interface by DIP switch depending on the control system used. Different dimming interfaces can not be wired and used simultaneously. Only 1 of the 4 can be selected and wired.

at a time

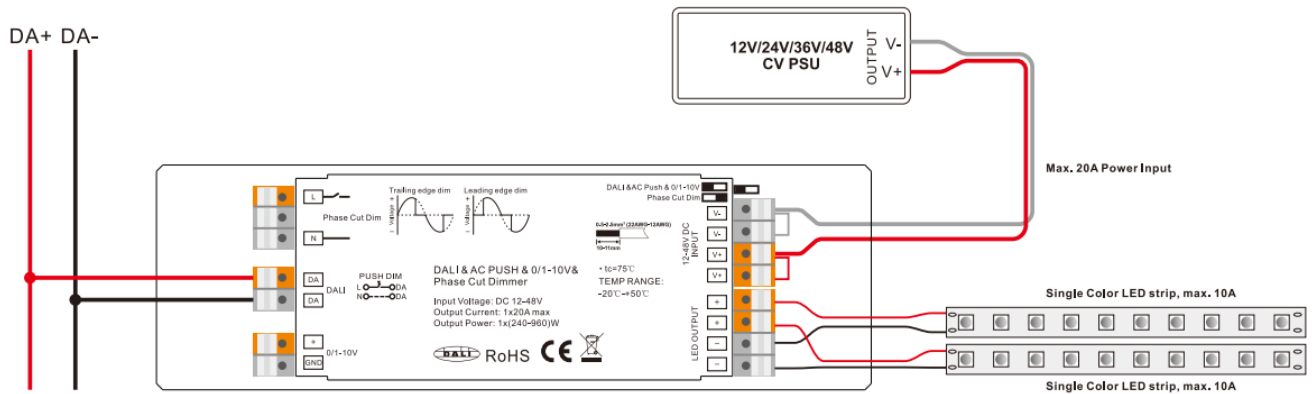
DALI Address Assigned by DALI Masters

While select DALI dimming input, DALI address can be assigned by DALI Master controller automatically, please refer to user manuals of compatible DALI Masters for specific operations.

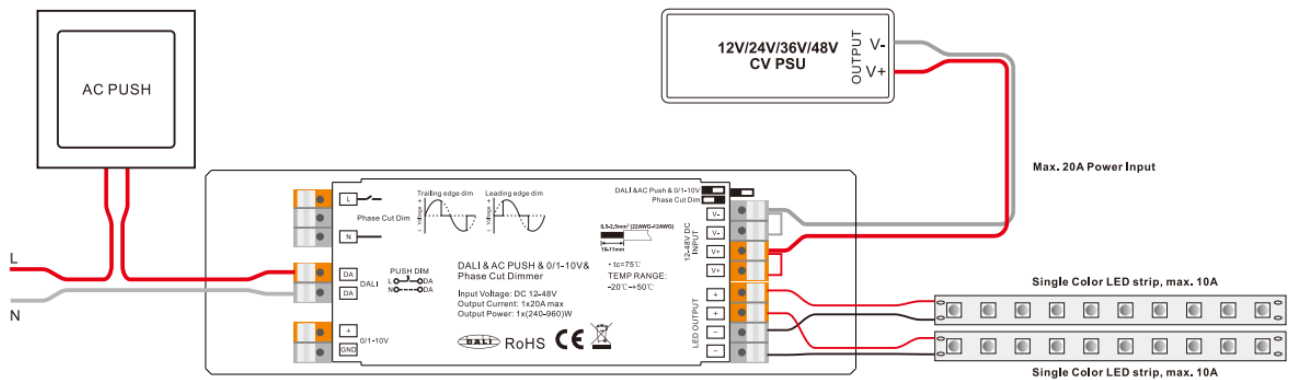
Wiring Diagram (When connecting with two separate loads and each one is not over 10A)

Note: the device allows 0.5-2.5mm² wire specifications, please make sure the rated current of the used wire is enough for the loads.

1. With DALI Bus

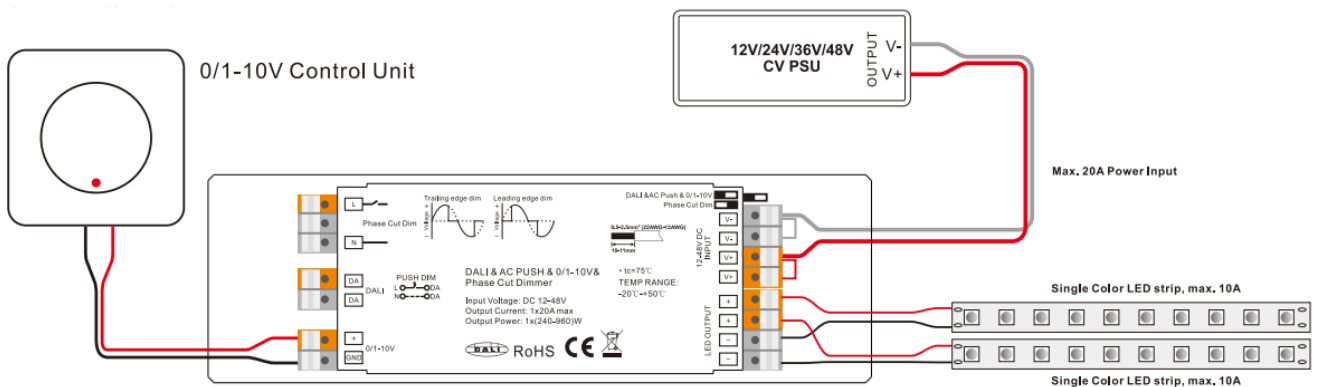


2. With AC Push

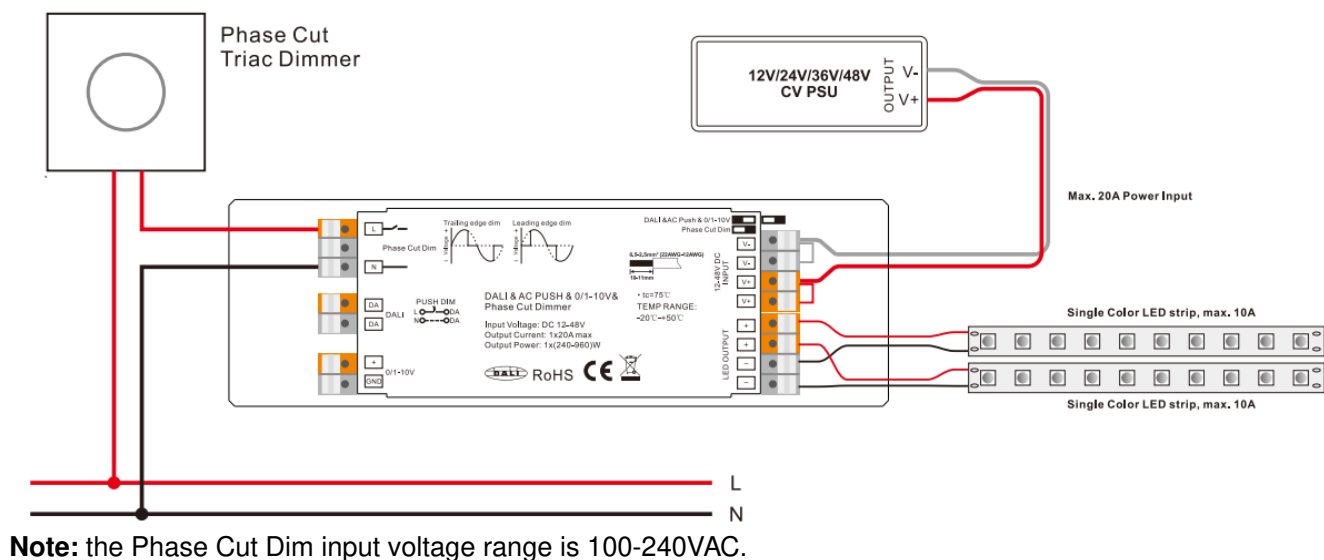


Note: the Push Dim input voltage range is 100-240VAC.

3. With 0/1-10V



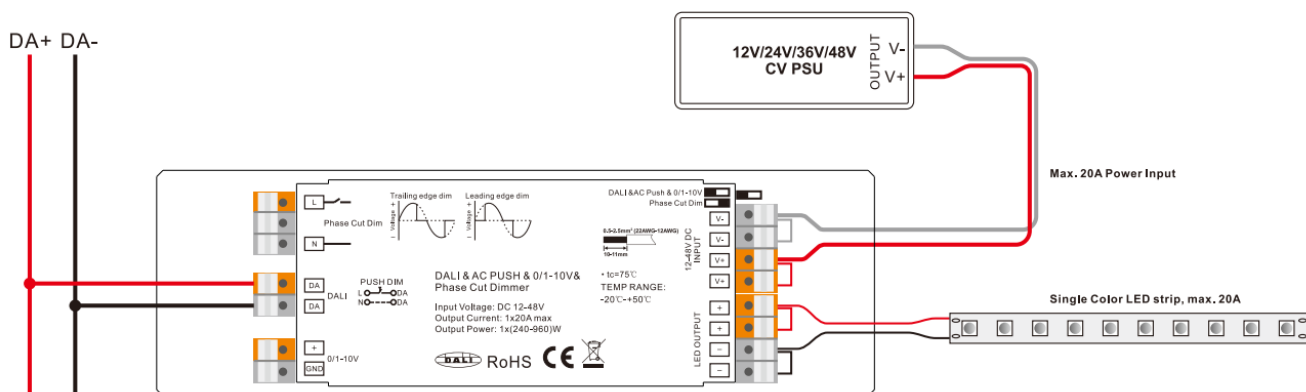
4. With Phase Cut Dim



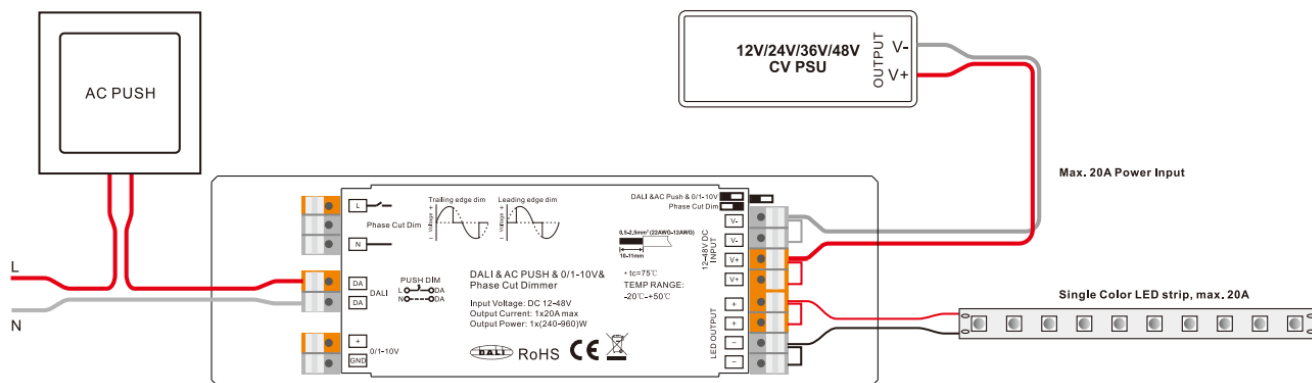
Wiring Diagram (When connecting with a single load that is over 10A)

Note: The used wire is enough for the loads. The device allows 0.5-2.5mm' wire specifications, please make sure the rated current of the used wire is enough for the loads.

1. With DALI Bus

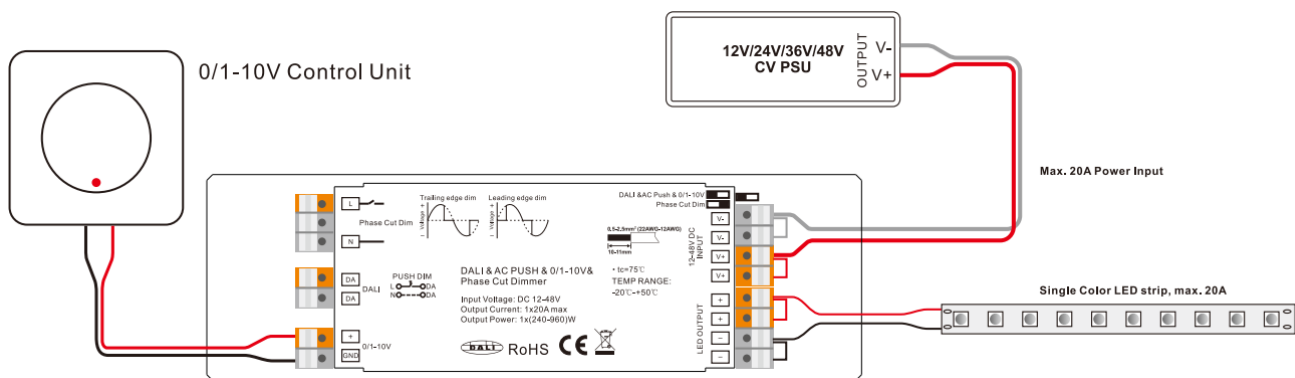


2. With AC Push

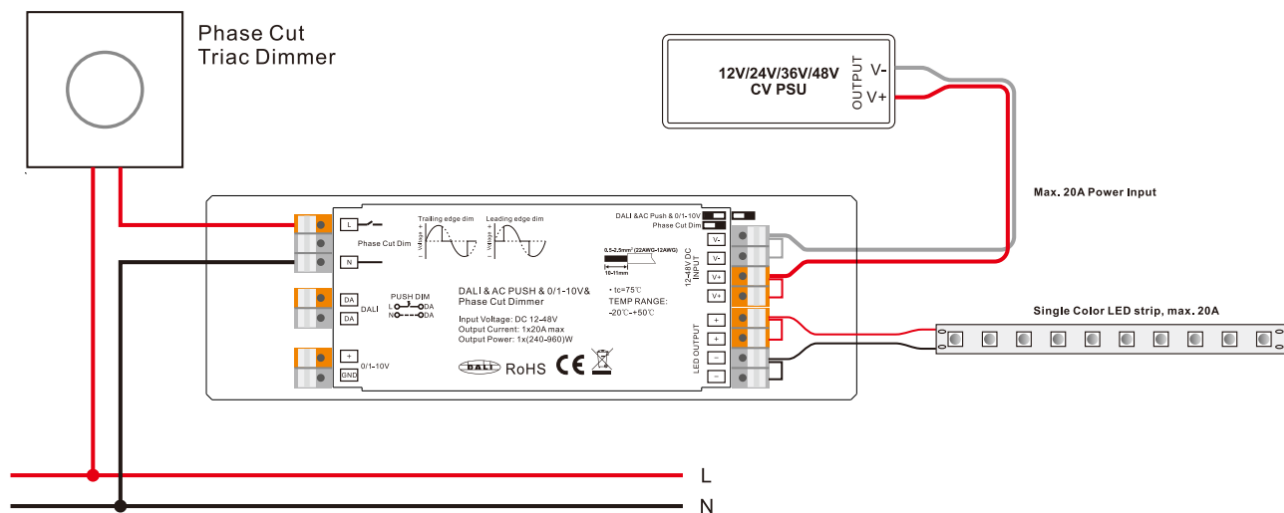


Note: the Push Dim input voltage range is 100-240VAC.

3. With 0/1-10V

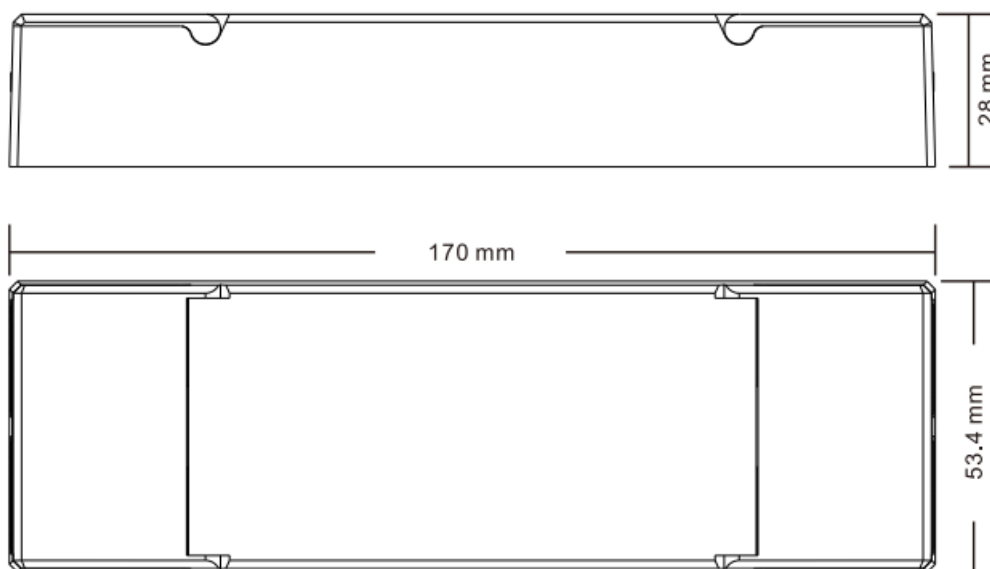


4. With Phase Cut Dim

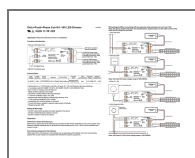


Note: the Phase Cut Dim input voltage range is 100-240VAC.

Product Dimension



Documents / Resources



[SUNRICHER 2303P Dali plus Push plus Phase LED Dimmer](#) [pdf] Instruction Manual 70160001, 2303P Dali plus Push plus Phase LED Dimmer, 2303P, LED, Dimmer, LED Dimmer, 2303P LED Dimmer, Dali plus Push plus Phase LED Dimmer