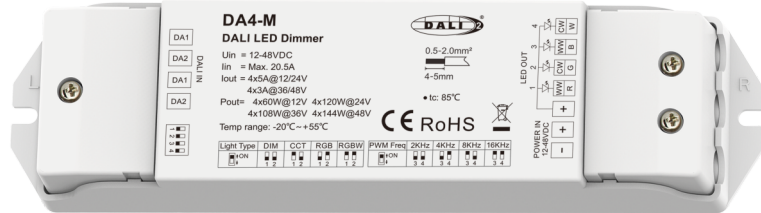


4 Channel Constant Voltage DALI LED Dimmer



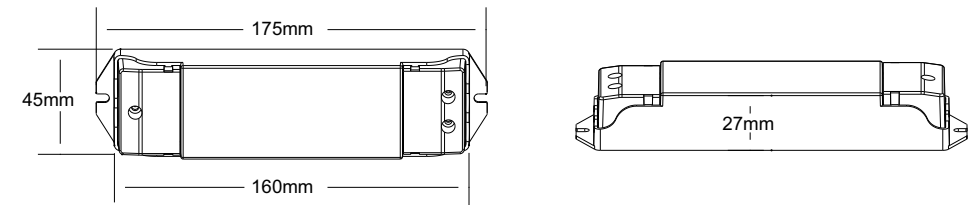
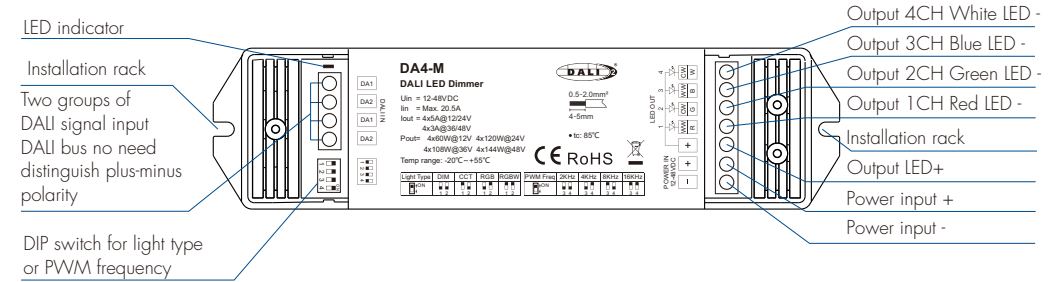
Features

- 4 channel constant voltage DALI LED Dimmer.
- 1 DALI address, DT6 dimming or DT8-TC color temperature or DT8-RGB or DT8-RGBW selectable.
- DALI-2 certified, In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209 and in compliance with DALI products from other international incorporation.
- DALI address will be automatically assigned by DALI master.
- PWM digital dimming, standard DALI logarithmic dimming curve.
- Over-load / Short circuit protection, recover automatically.

Technical Parameters

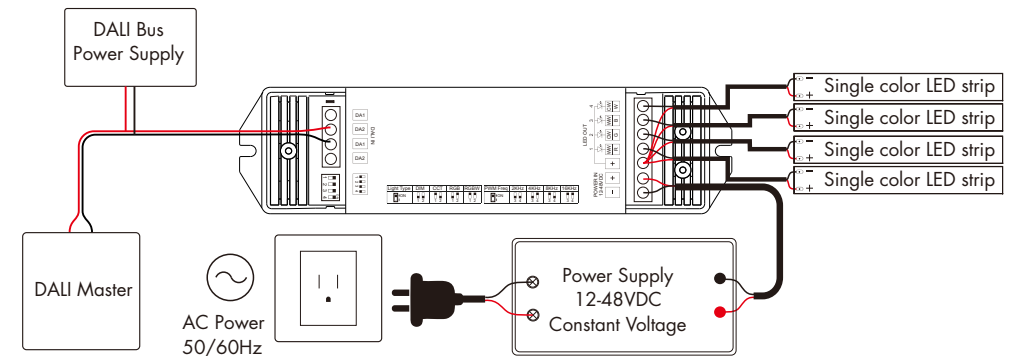
Input and Output		Dimming data	Safety and EMC
Input voltage	12-48VDC	Input signal	DALI
Input current	20.5A	Dimming range	0-100%
Output voltage	12-48VDC	Dimming curve	Logarithmic
Output current	4x5A@12/24V 4x3A@36/48V	PWM frequency	2KHz (default), 4KHz, 8KHz, 16KHz
Output power	4 x 60W@12V 4x120W@24V 4 x 108W@36V 4x144W@48V	Environment	Warranty
Output type	Constant voltage	Operation temperature	5 years
		Case temperature (Max.)	Protection
		IP rating	Reverse polarity, Overload Short circuit
			Package
			Size
			Gross weight

Mechanical Structures and Installations



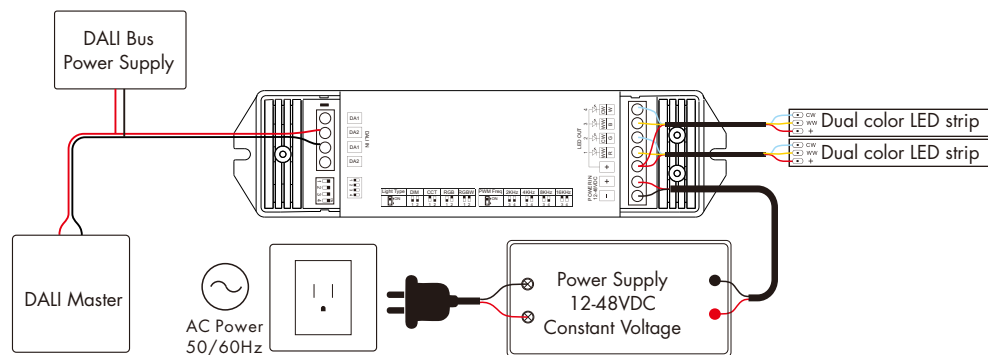
Wiring Diagram

- DA4-M for single color ()



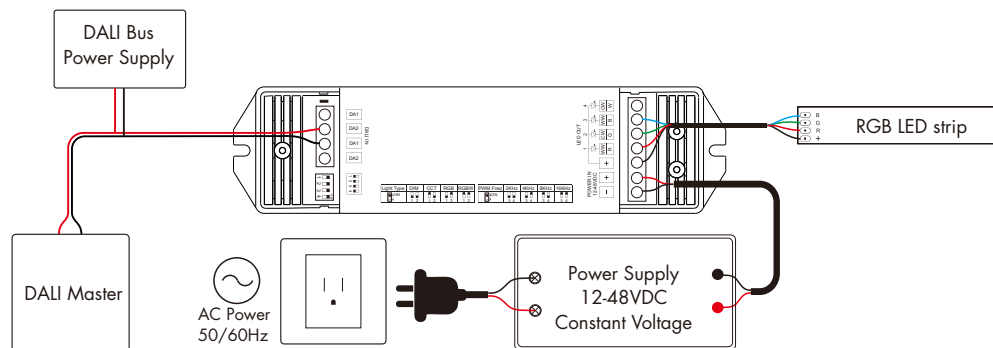
Note: The four output LED channels output is same.

- DA4-M for dual color ()



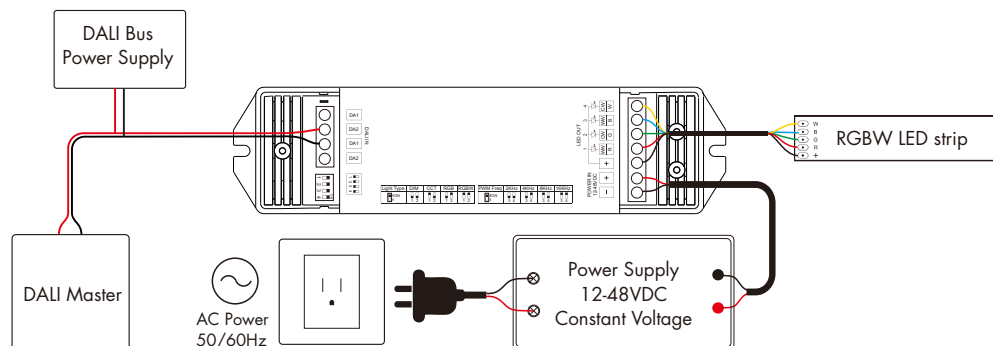
Note: The 3/4 LED channel output is same as 1/2 LED channel.

- DA4-M for RGB ()



Note: The 4th LED channel no output.

- DA4-M for RGBW ()



PWM Frequency and Output Current Mapping:

PWM	2KHz	4KHz	8KHz	16KHz
$\frac{I_{out}}{U_{in}}$				
12-24V	20A	16A	16A	12A
36-48V	16A	16A	12A	10A

DALI Control

This product is designed with 1 DALI address input and 4 channel output, DALI address is assigned by DALI Master controller automatically, please refer to user manuals of compatible DALI Masters for specific operations.

Safety & Warnings

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