

DALI power converter 48V to 350-700mA

General

This driver operates on 24V or 48V DC and supports control via DALI, push dim, and on/off. At 24V DC, one LED can be connected; at 48V DC, up to two LEDs can be connected in series.

The driver can be controlled by means of following methods

- On-Off, by switching on and off the power supply by means of a switch or controller (NOT PWM).
- DALI, by connecting the DALI input of the converter to a DALI controller, all DALI commands are implemented based on the DALI standard.
- Push-Dim, by connecting the DALI input with a switch to the supply voltage. (NOT 230VAC). Please check the connection diagram.

DIP1	DIP2	Current
OFF	OFF	350mA
ON	OFF	500mA
OFF	ON	600mA
ON	ON	700mA

Mechanical specifications

Dimensions	82 x 26 x 17mm ³
Lead length	80mm
IP	20

Wiring

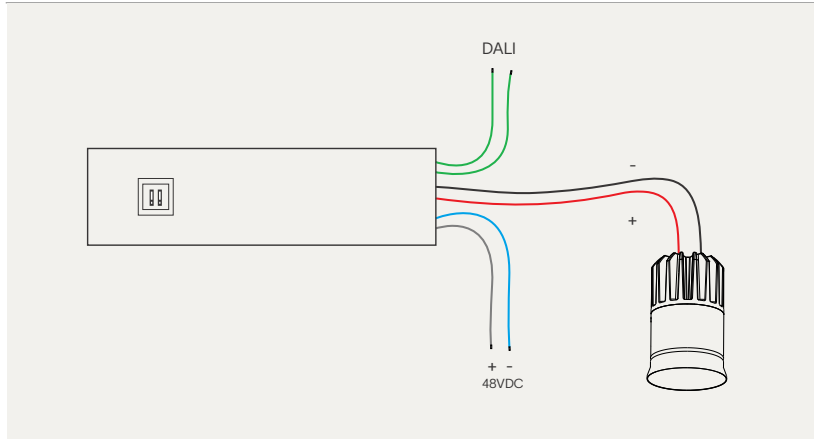
	Colour
Power supply 0V	Blue
Power supply +24/48V	White
DALI+/- or Push-Dim	Green
LED +	Red
LED -	Black

Electrical specifications

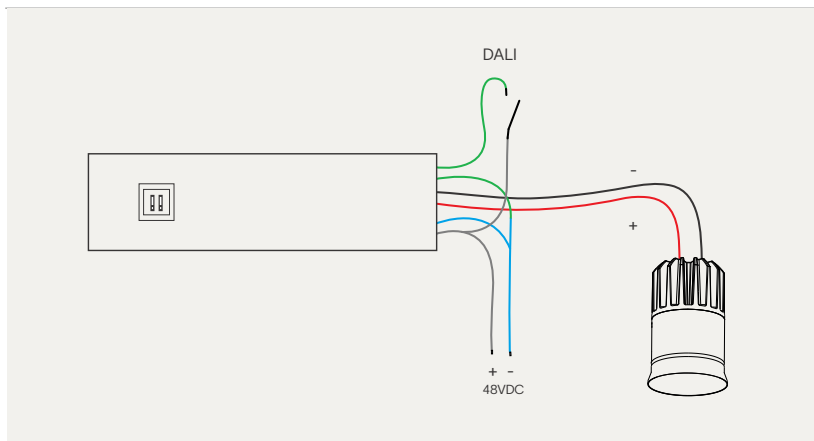
Input voltage	24Vdc	48Vdc
Output current	350-500-600-750mA via DIP switch selectable	
Power output	13W @ 24Vdc	29W @ 48Vdc
Output voltage	2V-19V @ Vin 24Vdc	2V – 43V @ Vin 48Vdc
Efficiency	TBD	
Dimming	On/Off	DALI Push-Dim
Ambient Temperature	-20°C - 35°C non condensing condition	
Class	III	

Connection diagram

Dali



Push-DIM



On-Off

