

Driver LED 4x700mA/48V

Product description

The PX715 current driver has been designed for LED control

The built-in DMX receiver allows for controlling 4 channels (e.g. R, G, B, W) using the DMX protocol directly. The wide range of power supply voltage and high current-carrying capacity enable controlling high numbers of LEDs. It has a supply voltage of 12 - 48 V DC and a maximum current-carrying capacity of 700 mA max.

The PX715 can be controlled by both the DMX signal and it can work on its own. In this case, the user has a fully programmable scene and 18 pre-programmed sequences for which the playback speed and smoothness of step changing can be freely set.

The driver has a built-in flicker free frequency control system, which makes it especially suitable for use in the television industry.

As the RGBW series LEDs often differ quite considerably in parameters, the driver has been equipped with the ability to limit the maximum output power of individual output channels.

What is more, the driver has been equipped with an output for the temperature sensor and RDM protocol support. The support of the sensor allows for power reduction depending on temperature.

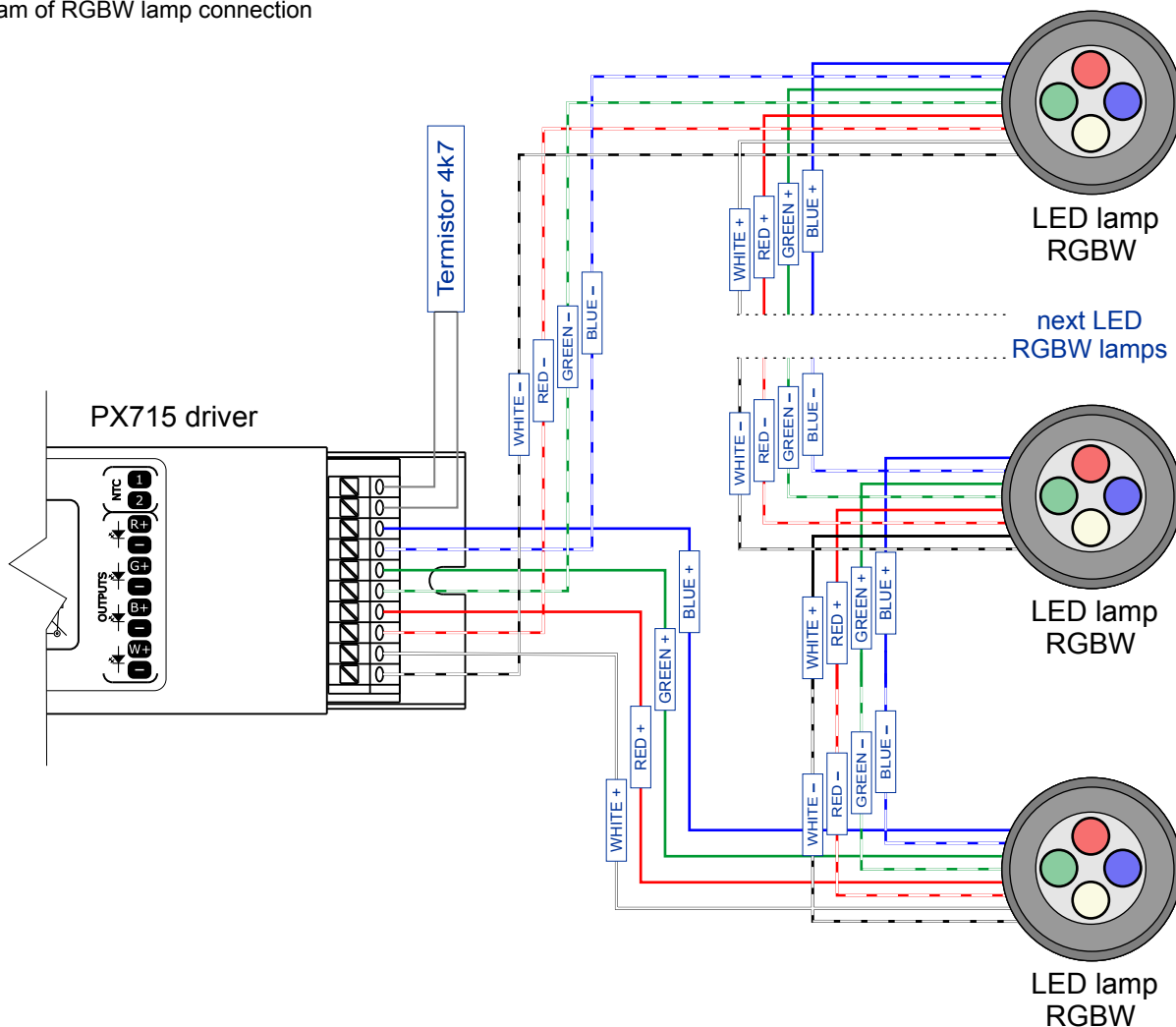
Technical data

Type:	PX715
DMX channels:	512
Power supply:	12 - 48 V DC
Current consumption:	Max. 1,2 A
No-load power consumption:	1 W
Output channels number:	4
Control accuracy:	16 bit
Programmable scenes:	1
Built-in programs:	18
Outputs load capacity:	700mA / channel ^{+2%} _{-5%}
Output sockets:	PCB terminal block; Push-button; max.1.5 mm ²
Tryb Master:	YES
DMX channels Output:	24-512 (4 controlled)
Weight:	0,15 kg
Dimensions:	Width: 192 mm Heigh: 44,8 mm Depth: 20,6 mm

LED Driver	Power supply	Quantity of RGBW modules
PX715	12 V	1 ÷ 3
	24 V	4 ÷ 6
	48 V	7 ÷ 12

Connection diagram

Diagram of RGBW lamp connection



Example connection the PX715 driver to the LED lamp:

- the cables should be connected with the correct order of colors,
- LEDs should be connected only in series,
- controlled LEDs can be connected using two conductors only, i.e. two per channel,
- the number of serially connected LEDs depends on the driver and supply voltage.

Dimensions - technical drawing

