



Device description

The PX319 driver is designed to control LEDs. Can be powered with voltage 12 – 48V DC (version PX319) or 12 – 60V DC (version PX319-HV) and a maximum current-carrying of 2A (PX319) or 1,5A (PX319-HV). It is possible to set the driver output current according to the parameters of receivers LED.

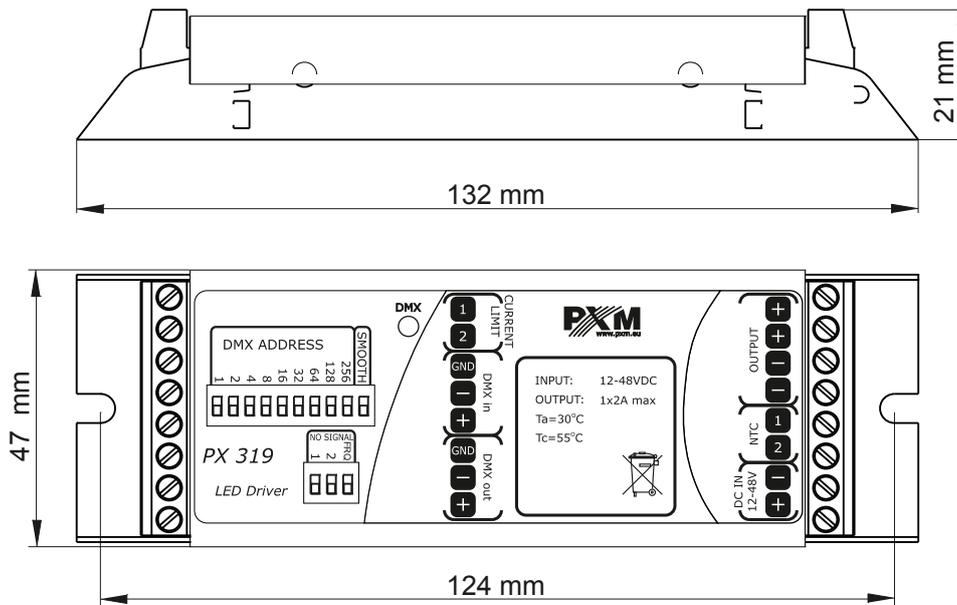
PX319 can be controlled by the DMX signal (the device has a built-in DMX-512 receiver) or it can work independently. DMX address is set manually via a DIP switch on the housing. The user also has the ability to set one of the eight levels of brightness with which the LEDs will be triggered in the absence of a DMX signal.

The selection of resistors connected to the "Current limit" has to be carried out in accordance with the following table:

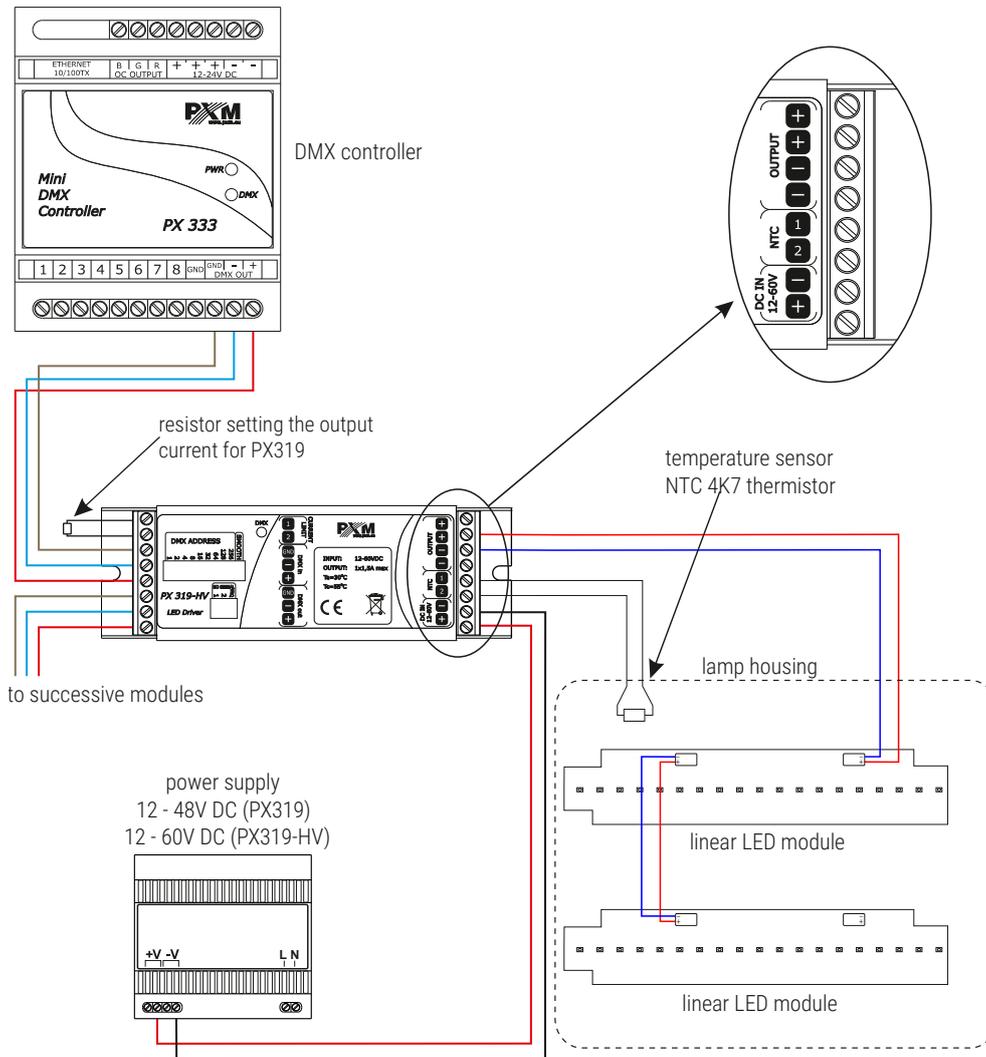
Current limit	Resistor
250mA	100R
700mA	1k5
1000mA	3k
1300mA	5k1
1500mA	7k5
2000mA*	15k

* - not applicable to the PX319-HV version driver

Technical drawing



Connection diagram



Technical data

type	PX319
DMX channels	511
power supply	12 – 48V DC (PX319) 12 – 60V DC (PX319-HV)
max. power consumption	2A (PX319) / 1,5A (PX319-HV)
no-load power consumption	0,5W
number of output channels	1
brightness levels of the scene	8
output load	250 – 2000mA (PX319) 250 – 1500mA (PX319-HV)
output sockets	screw terminals
weight	0.15kg
dimensions	width: 132mm height: 47mm depth: 21mm