DATA SHEET

PX789

Driver LED C.C. 1 x 2300mA



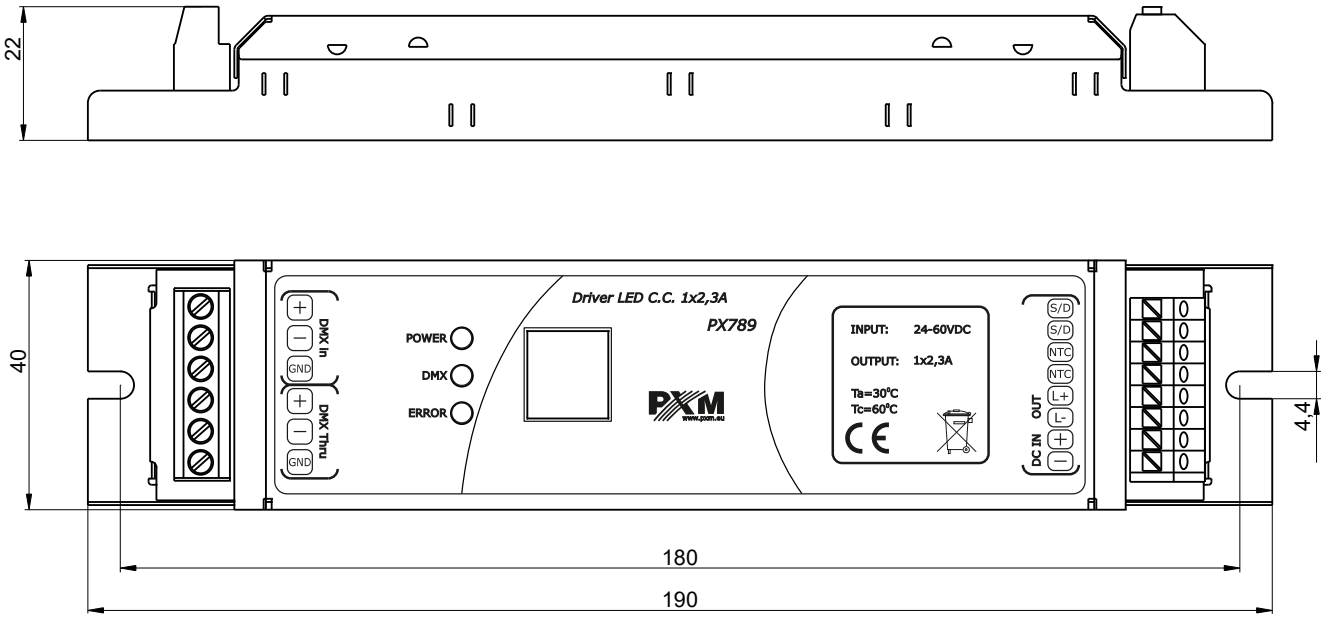
Device description

The PX789 driver is designed to control LEDs. It can be powered with 24 – 60V DC and has a maximum current carrying capacity of 2.3A. It is possible to set the current (600 – 2300mA) of the output driver in accordance with the parameters of the LED receivers. In addition, an option has been implemented in the driver to accurately calibrate the output current. It should be remembered that the driver supply voltage must be at least 3V higher than the voltage of LED receivers.

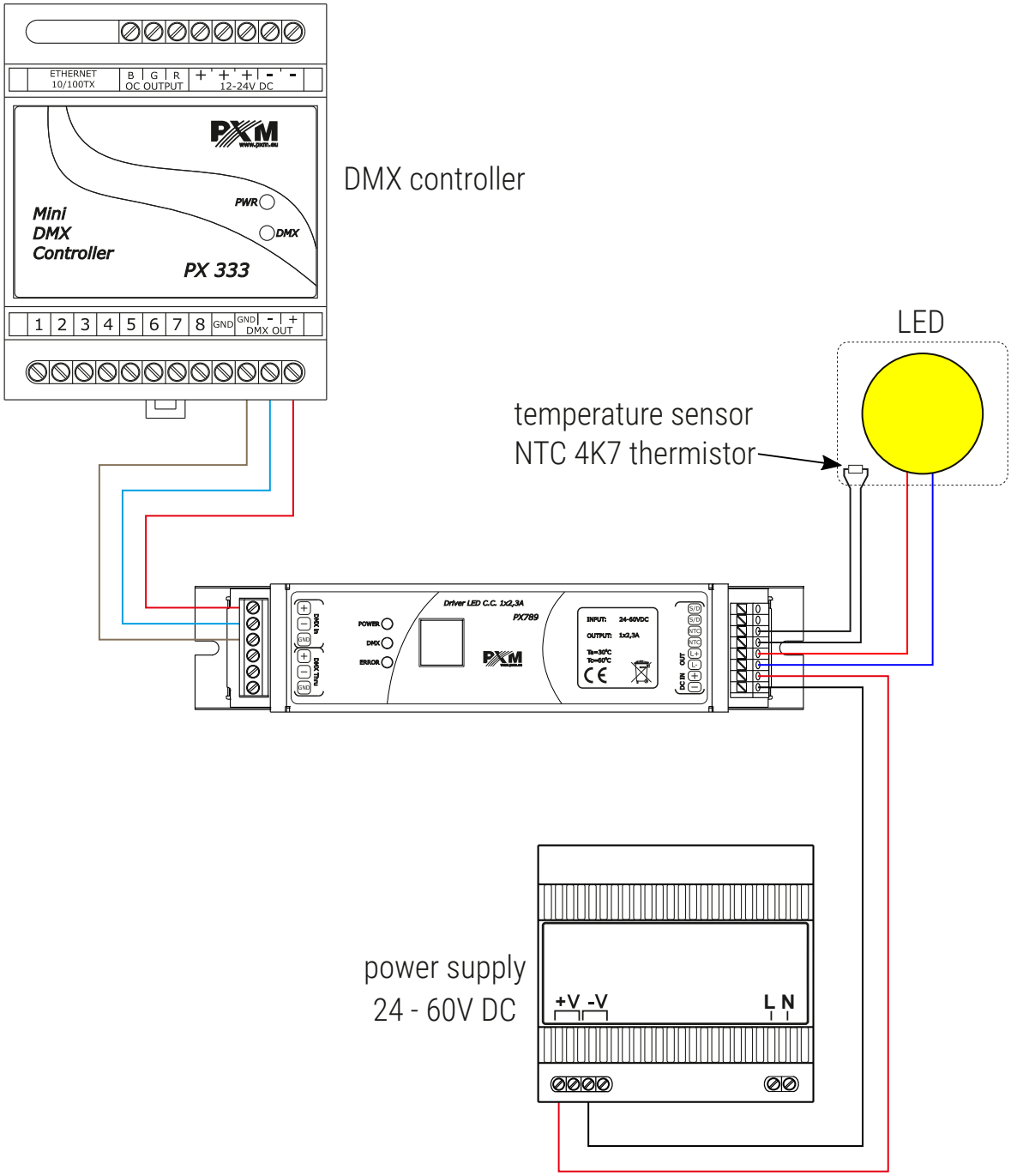
PX789 can be controlled by DMX signal (the device has a built-in DMX512 signal receiver) as well as operate independently. The DMX address and other device settings are configured using PX277 (PxArt+ Settings Controller) or RDM protocol. The user has the option of configuring the behavior of the device in the event of loss of the DMX control signal. The driver works in full analog range, despite the fact that interpolated resolution of the output control is 16 bit.

The driver has also implemented the *Offset* parameter, which allows to eliminate or reduce the lamp switching on threshold.

Technical drawing



Connection diagram



Technical data

type	PX789
power supply	24 – 60V DC
DMX channels	512
RDM protocol support	yes
current consumption	max. 2300mA
output load	600 – 2300mA
brightness adjustment range	0.001 – 100%
no-load power consumption	max. 0.5W
number of output channels	1
output sockets	screw terminals / plug connectors
plug connectors	solid wire: 0.2 – 1.5mm^2 stranded wire: 0.2 – 1.5mm^2 stranded wire with ferrule: 0.25 – 1mm^2
weight	0.15kg
dimensions	width: 190mm height: 40mm depth: 22mm