

DATA SHEET

PX741

Trailing Edge Dimmer

Device description

PX741 is an intelligent transistor dimmer with phase cutting where control is carried out on the falling edge (the so-called trailing edge dimming).

The module controls four channels 200W each and has an built-in system of interference suppression, fuses and signal controls. The device has the DMX512 input, analogue inputs 0 – 10V or a possibility to link outer buttons and control them in compliance with one of four functions. The dimmer offers a lot of possibilities to adjust the control characteristic.

Each of the four output channels can be configured individually. The settings consist of the following parameters:

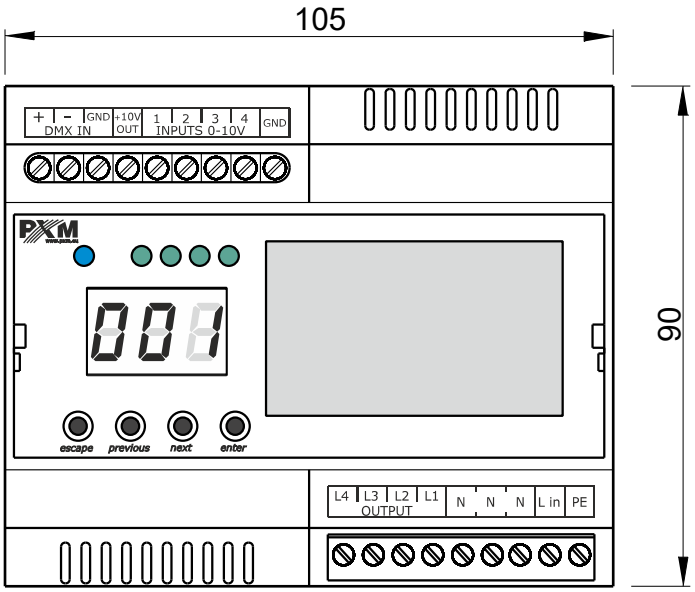
- the control mode (DMX, analogue, buttons)
- DMX address
- the reaction of the lack of the DMX signal
- the choice of key functions together with the full regulation of reaction time
- advanced functions and parameters allowing to adjust control to the type and characteristic of capacity (a minimum and maximum level of control, a characteristic curve, a function of pre-glow)

The dimmer is designated to work with capacity of R and RC types:

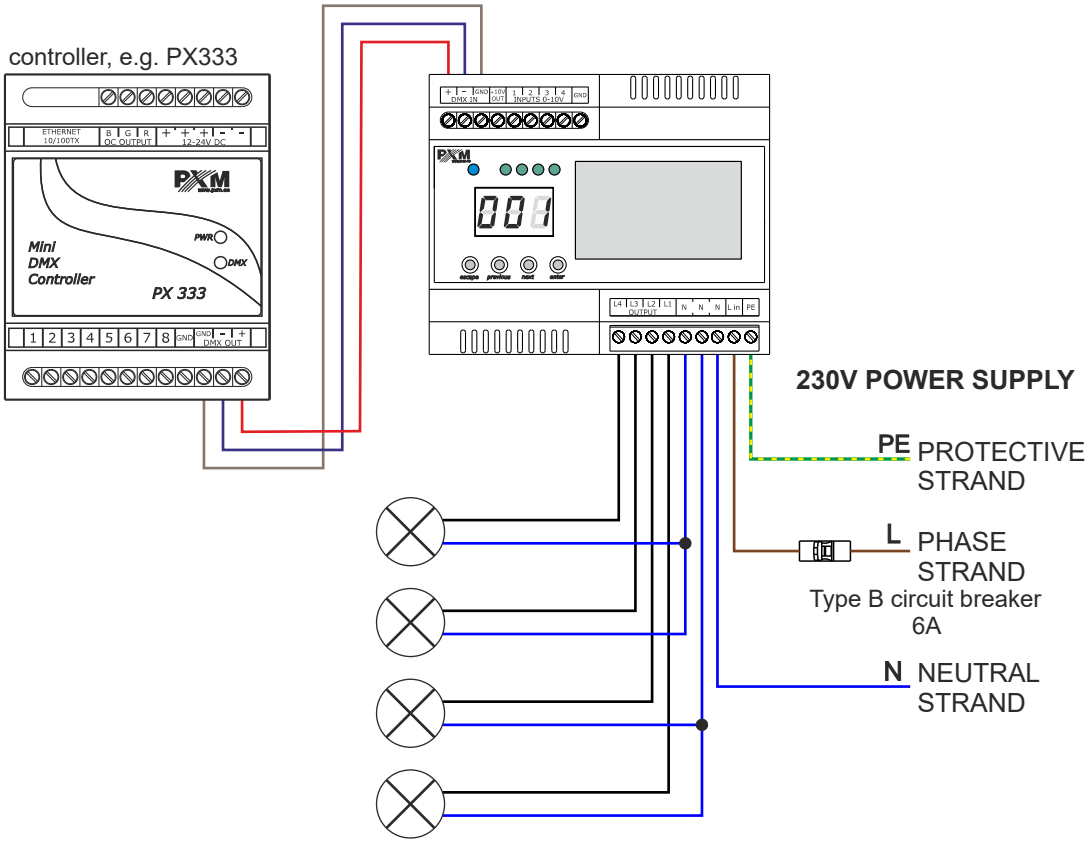
- dimmable LED bulbs
- LEDs connected with a dimmable adapter of the CC type
- traditional bulbs
- halogen bulbs 230V
- halogen bulbs 12V connected with the dimmable electronic transformer

The device is closed in the standard housing designated for bar assembling.

Technical drawing



Connection diagram



Technical data

type	PX741
power supply	230V / 50Hz
max. power consumption	4A
number of outputs	4
voltage of outputs	230V / 50Hz
load	max. 200W / output
control inputs	0 – 10V DMX512 monostable buttons
power consumption inputs 0 – 10V	0,1mA
weight	0.3kg
dimensions	width: 105mm (6 DIN rail modules) height: 90mm depth: 58mm