

DMX/DALI/DMX
Interface

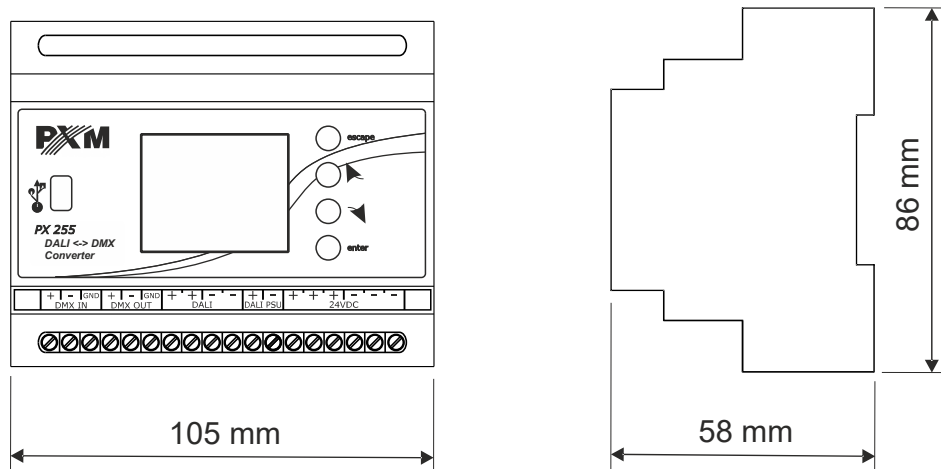
Device description

DMX/DALI/DMX Interface is a powerful device that allows to combine dynamic light system based on the DALI protocol and systems using DMX-512 signal. It allows to connect DMX-512 device in the DALI protocol, or to connect DALI device operating in the protocol DMX-512 standard. According to DALI specification, the PX255 can control up to 64 DALI devices (such as ballasts). A menu of the PX255 allows to address individual lamps or groups of devices, user can create up to 16 groups.

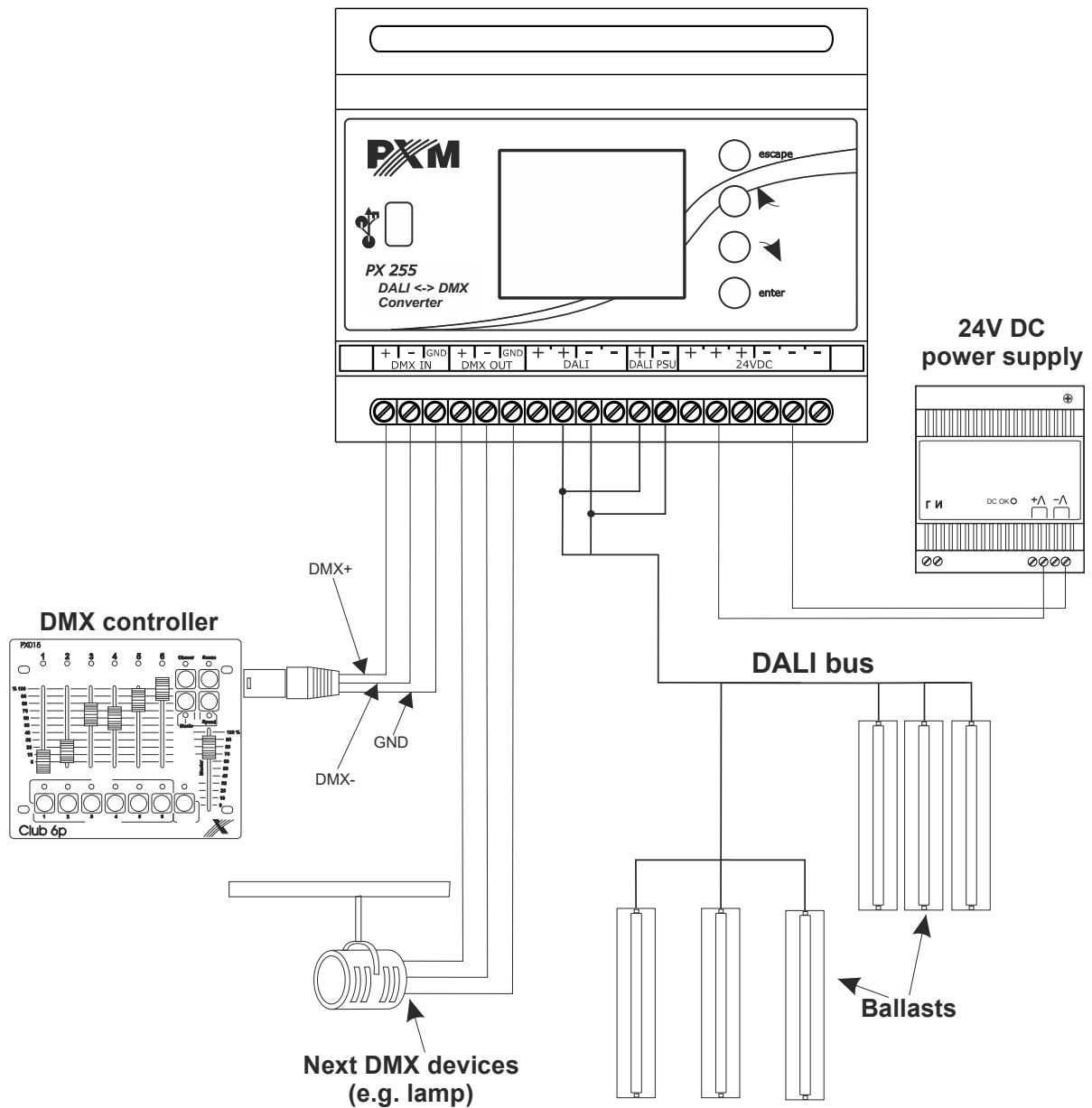
Additionally, for each of the lamp (ballast), it is possible to define a number of individual parameters such as minimum and maximum brightness of the lamp, the time at which the brightness of the lamp reaches its maximum value ("*fade time*"), the number of steps needed to achieve the maximum level of brightness ("*fade rate*") or determine the brightness of each lamp in the event of failure of the control system.

The device is powered from 24V DC and manufactured in a housing of six individual rail modules width adapted for mounting on 35mm wide DIN rails.

Technical drawing



Connection diagram



Technical data

type	PX255
power supply	24V DC
DMX input	1 (512 channels)
DMX output	1 (512 channels)
DALI channels	64
virtual DALI ballasts	64
number of device groups	16
max. current consumption	260mA
10V output	0,1mA
output connections	terminal blocks, USB
weight	0.2kg
dimensions	width: 105mm (6-modules) height: 86mm depth: 60mm