



## Device description

PX787 is a DMX-512 control signal converter for DALI protocol and the DALI line programmer.

DMX / DALI 1x is an advanced converter that allows to combine lighting installations based on the DALI protocol with DMX-512 control system. Using the PX787, you can connect devices working in the DALI protocol to the controller sending the DMX-512 signal.

The device is equipped with two DMX (in / out) ports and one DALI port which allows to connect up to 64 devices – in accordance with the DALI standard. The converter also supports four digital inputs, from which you can set such actions as: turn on / off, set the scene or set the brightness.\*

Managing PX787 settings is possible by means of buttons and screen or by means of a built-in Web Server. Changing the settings includes:

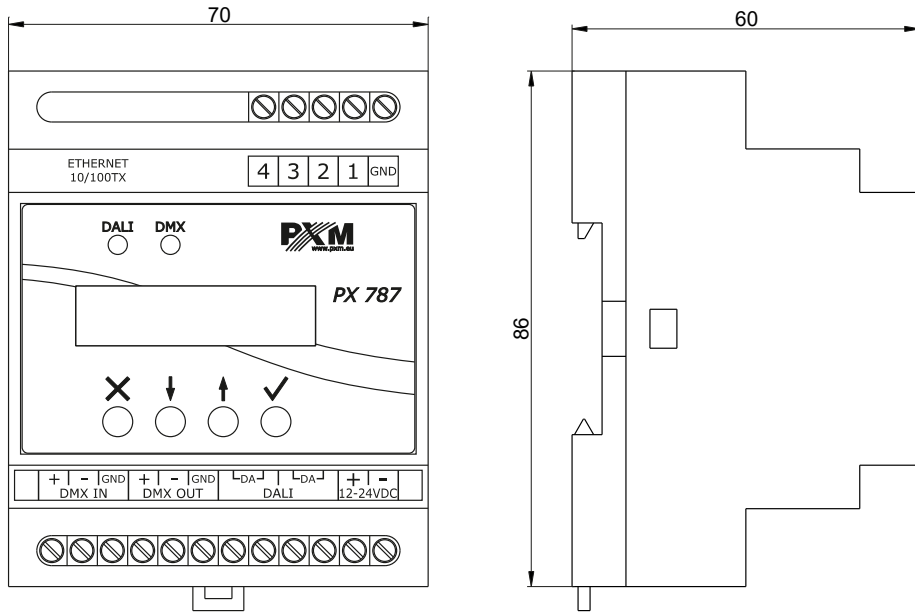
- searching for DALI devices,
- change of ballast parameters (e.g.: brightness, address, "fade time", "fade rate", etc.),
- changing the conversion settings from DMX to DALI,
- change of converter network settings,
- firmware upgrade.

Moreover, the RDM protocol was implemented in the PX787.

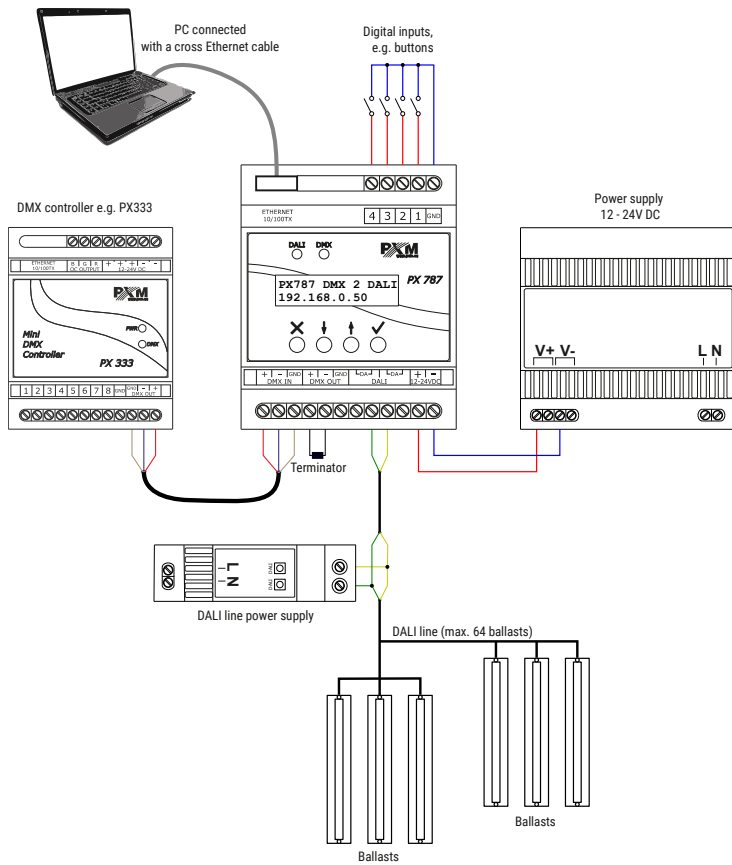
DMX / DALI 1x has been placed in a housing adapted for mounting on a 35mm DIN rail and is supplied with 12 – 24V DC safe voltage. Please note that the DALI line must have external power supply.

\* - support for external keys is available from serial number 21030041

# Technical drawing



# Connection diagram



## Technical data

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type	PX787
power supply	12 – 24V DC
power consumption	max. 1W
DMX input / output	1 / 1
DALI ports	1
Ethernet ports	1
digital inputs*	4
DMX channels	512
support for RDM protocol	yes
number of supported DALI devices	64
programming	LCD display 2 x 16 and 4 buttons Web Server
version of the DALI protocol	1.0
weight	0.15kg
dimensions	width: 70mm height: 86mm depth: 60mm

\* - available from serial number 21030041