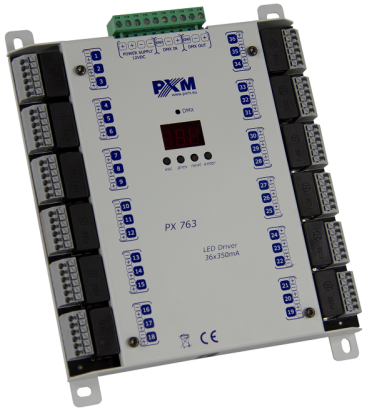


DATA SHEET

PX763
Driver LED C.C.
36 x 350mA

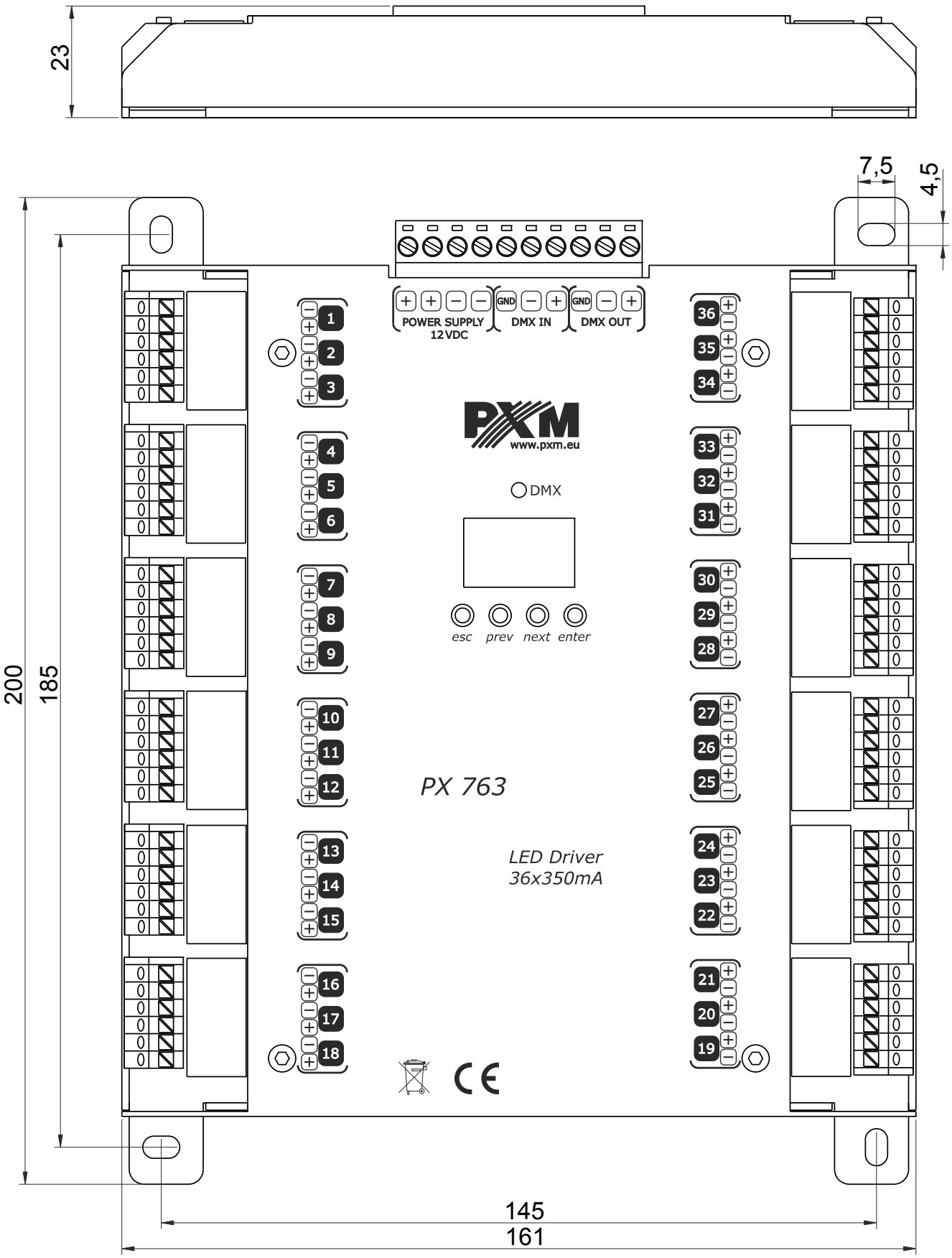
Device description

The PX763 is a 36-channel current driver created with a view to RGB and RGBW matrix systems, which is perfectly suitable for controlling lighting of large surfaces consisting of a lot of module elements. Facades may be such an example, LED screens or illuminated floors. Using the built-in DMX signal receiver, it is possible to control all 36 channels with the DMX512 protocol. Supply voltage of 12V DC and high current capacity of outputs (max. 350mA) enable to connect a big number of LEDs – and in consequence, the effect of even illumination of the whole surface is obtained. Owing to the application of resolution 12bit for 274Hz and 10bit for 1kHz, controlling brightness of individual channels is completely smooth. The additional advantage is implementation of modern technology "*flicker free*" i.e. a possibility to select frequency of 1kHz. Applying it, the PX763 driver can be successfully used in installations created for the needs of the television industry. Moreover, the RDM protocol was implemented in the PX763.

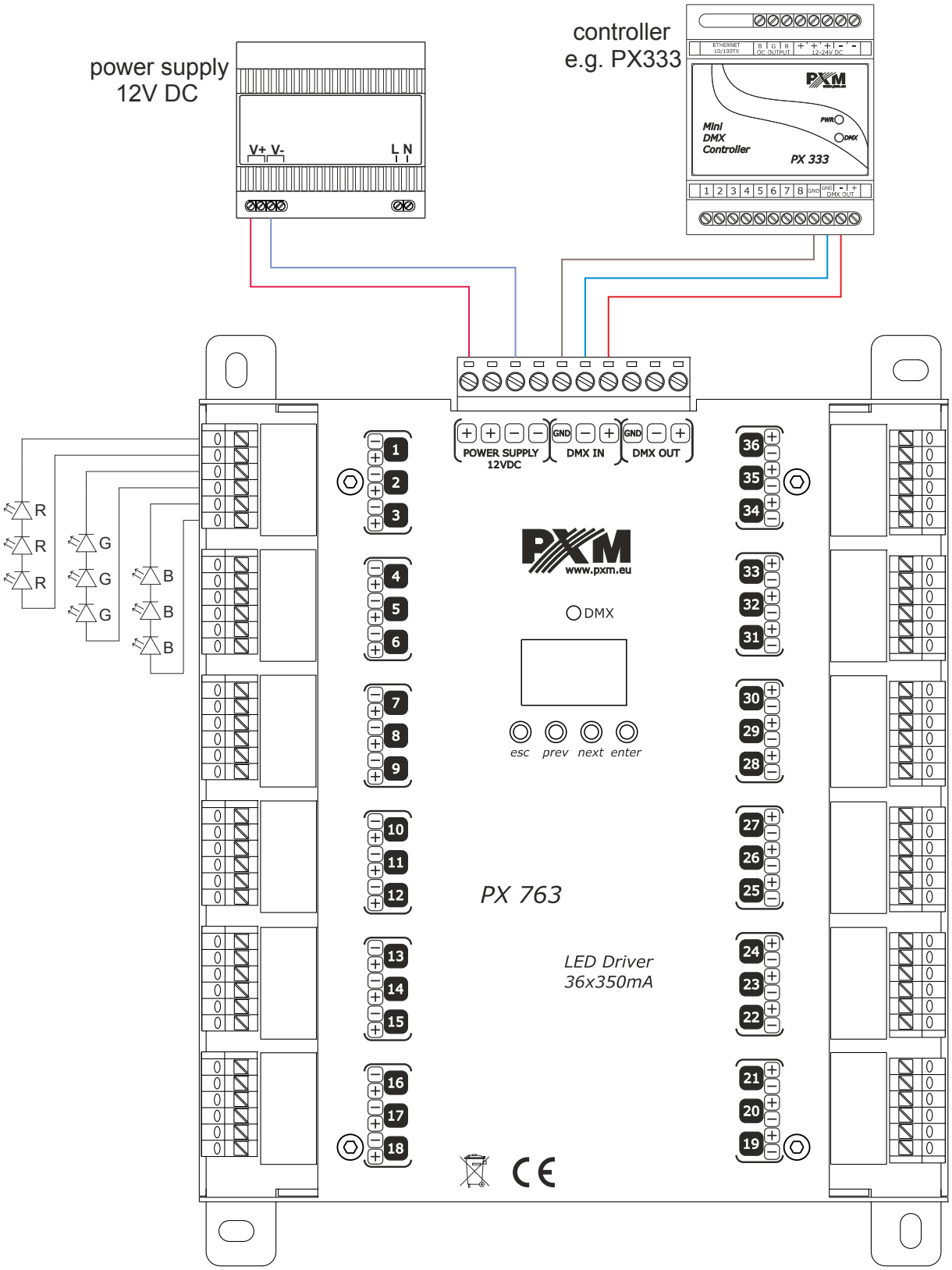
The device includes: channel addressing, 18 built-in programs and one scene, which can be programmed. The programs can be restored if the DMX signal disappears or in the effect mode.

The little flat housing is adjusted to wall mounting. Screw joints enable fast and easy installation.

Technical drawing



Connection diagram



Technical data

type	PX763
DMX channels	36 + dimmer (optional)
support for the RDM protocol	yes
power supply	12V DC
max. current consumption	max. 3.8A (in each channel only one LED)
power consumption without load	0.5W
output channels number	36
outputs load capacity	345mA/channel (+2% ÷ -2%)
weight	0.45kg
dimensions	width: 161mm height: 200mm depth: 23mm