



## DMX/Relay Interface 2ch

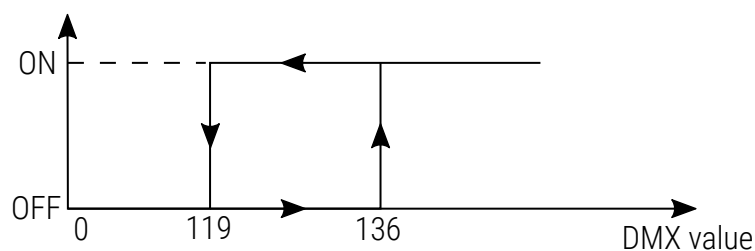
## DMX/Relay Interface 3ch

### Device description

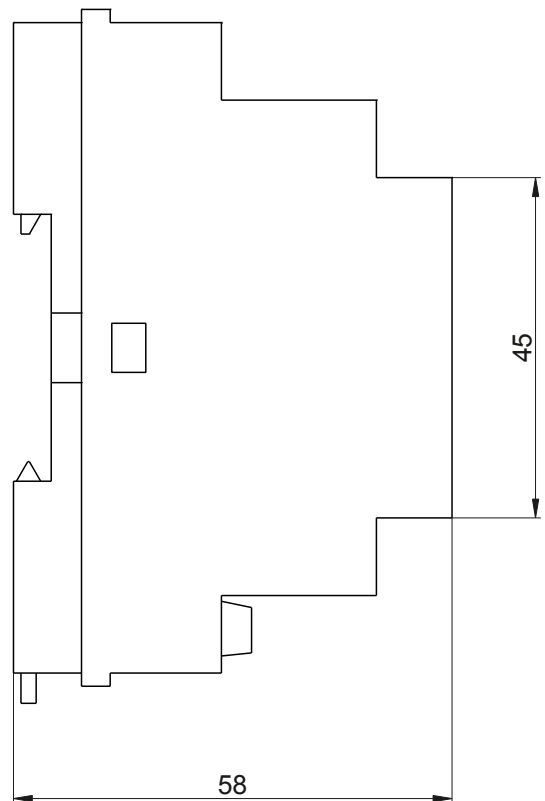
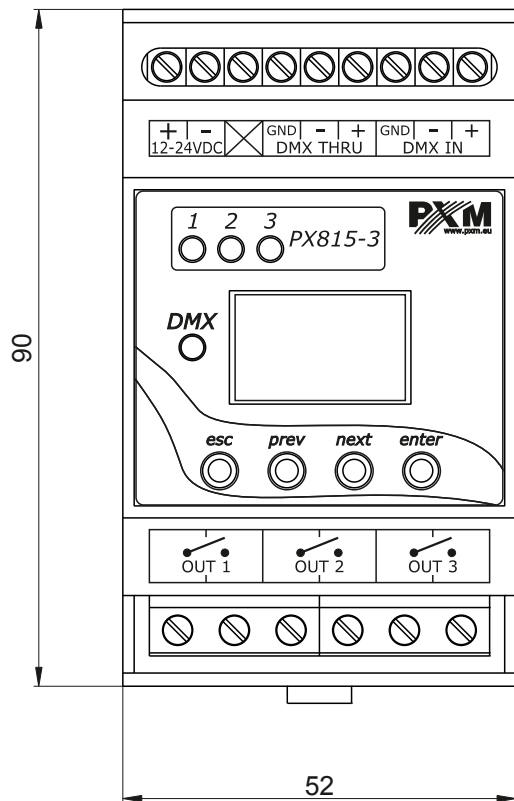
DMX/Relay Interface is a relay controlled by DMX-512 signal available in two versions: 2 or 3 channels. In the version with two channels, the possible output load is 16A / channel, while in the version with three channels up to 13A / channel.

PX815 is a device used to switch architectural illuminators or stage effects via DMX-512 signal.

The module includes relays that control the on / off outputs. Device has a built-in hysteresis system that activates the output after exceeding the value 136 of the DMX signal. The relay is turned off below the value 119. The method of operation is shown in the figure below:

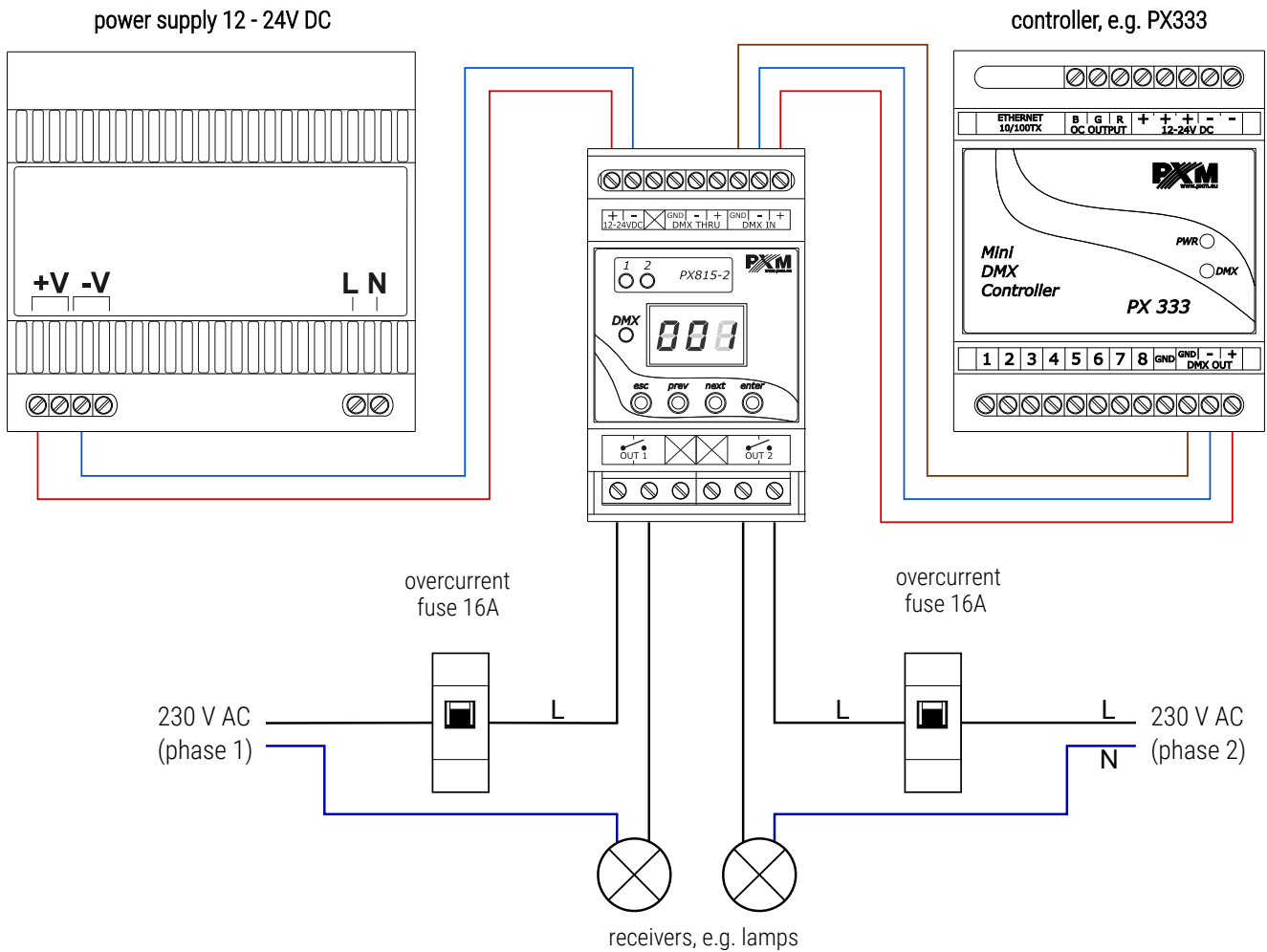


The device is equipped with a DMX signal input and output. It is produced in a housing adapted for mounting on a 35mm DIN rail. The PX815 is designed to operate when connecting different phases to the control connectors. What is more, the device has been equipped with RDM protocol support.



**NOTE!** The layout of the connectors and LED signaling in PX815-2 may differ from the version shown in the technical drawing above (PX815-3).

# Connection diagram



**NOTE!** The layout of the connectors and LED signaling in PX815-3 may differ from the version shown in the example connection diagram above (PX815-2).

## Technical data

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|                                |  |
|--------------------------------|--|
| type                           | PX815-2<br>PX815-3                                 |
| DMX channels                   | 512  |
| RDM protocol support           | yes  |
| power supply                   | 12 – 24V DC  |
| power consumption without load | max. 2W  |
| number of output channels      | PX815-2: 2<br>PX815-3: 3                           |
| output load                    | PX815-2: 16A / channel<br>PX815-3: 13A / channel   |
| relay voltage                  | max. 240V AC                                       |
| loss of power                  | PX815-2: 0.5W / channel<br>PX815-3: 0.8W / channel |
| maximum inrush current         | 500A / 2ms   |
| output connections             | screw terminal                                     |
| weight                         | 0.2kg  |
| dimensions                     | width: 52mm<br>height: 90mm<br>depth: 58mm         |