DATA SHEET

PX949-IP-TH
Splitter DMX-RDM IP TH

Device description

A splitter, a DMX signal distributor, allows for the creation of branches in extensive DMX installations. Connecting a large number of receivers in series can be troublesome, which is why the possibility of creating branches of the DMX track using a splitter was created.

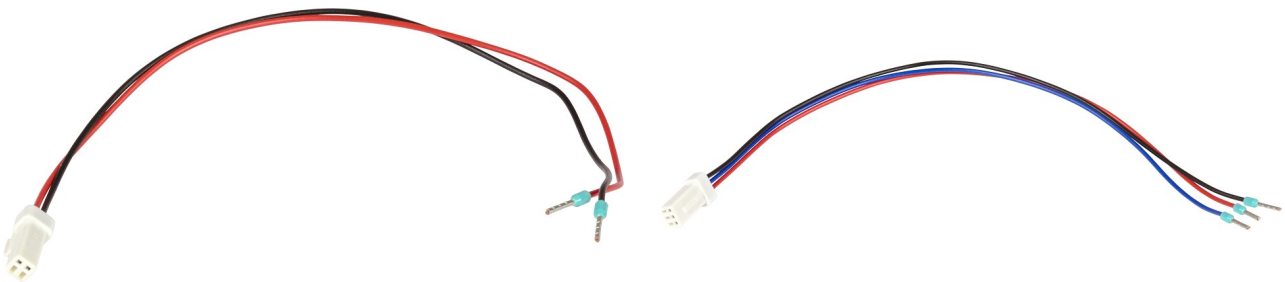
With the PX949-IP-TH you can split the input DMX signal into 4 independent branches. The individual output lines are galvanically separated from both the input and from each other. The splitter can operate in three modes:

- *filtering* – incoming RDM packets are discarded and the output DMX signal is completely regenerated with the following parameters:
  - *Break* – 320µs,
  - *MAB* – 30µs,
  - *MBF* – 10µs,
  - *WAIT* – 200µs,
  - the number of sent channels is 24 – 512 depending on the number of input channels – PX949-IP-TH recognizes how many DMX channels are received,
- *bypass* – the output signal is exactly the same as the input signal – RDM is not supported,
- *normal* – the splitter allows for bidirectional transmission of RDM packets.

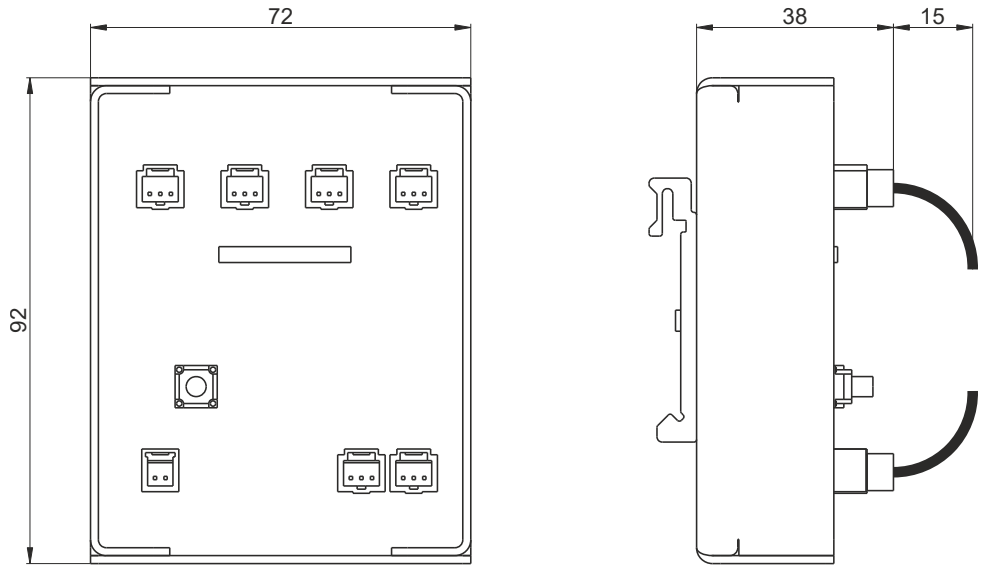
The DMX-RDM IP TH splitter is manufactured in an IP65 housing adapted for mounting on standard 35mm DIN rails.

The set includes:

- 1 x power cord with plug (22cm),
- 6 x DMX cables with plug (22cm).

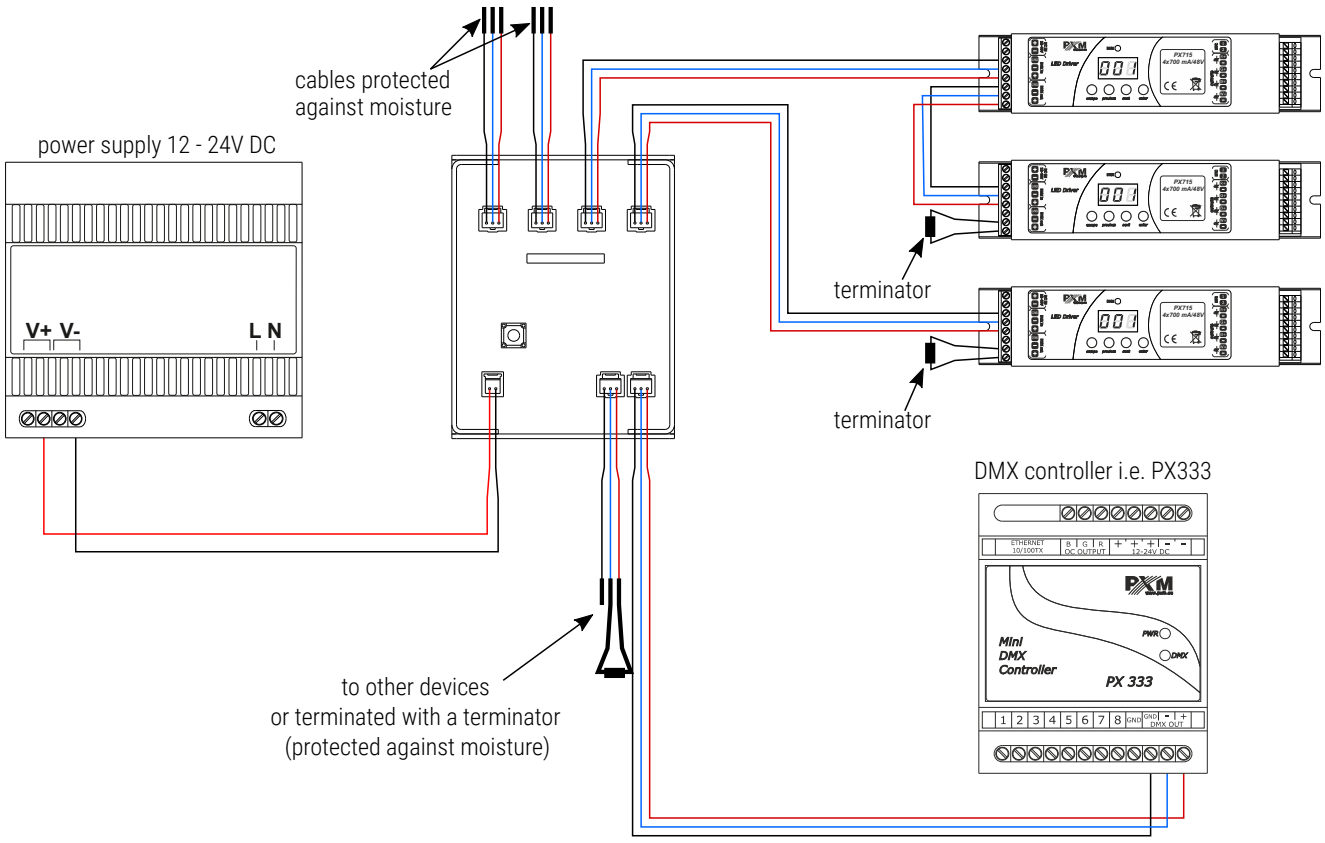


Technical drawing



NOTE! Remember to leave at least 1.5 cm for cables connected to the device using plugs.

Connection diagram



Technical data

type	PX949-IP-TH
power supply	12 – 24V DC
DMX channels (IN = OUT)	24 – 512
number of DMX inputs	1
number of DMX outputs	4
number of modes	3 (filtering / bypass / normal)
RDM protocol support	yes (in "normal" mode)
optical isolation of DMX lines	yes
insulation breakdown voltage IN/OUT	>1000V
power consumption	max. 5W
tightness class	IP65
weight	0.4kg
dimensions	width: 72mm heigth: 82mm depth: 38mm (+15mm for cable)