

SENSA DMX SPLITTER X4

4 output DMX splitter for DIN rail

Art. no. 96261602

Application

DMX 512 splitter to be mounted on a DIN rail, either in conjunction with the Sensa DMX Kit or inside the Sensa DMX Controller box. The splitter provides preventive protection of the DMX Controller used in outdoor installation. It also enables the extension of DMX networks both in distances and number of luminaires.

Design notes

The Sensa DMX splitter has several functions:

- it is recommended to install the splitter as a protection for the DMX Controller against electrical problems that may occur on the network with the luminaires (surges, etc),
- the splitter's 4 isolated outputs enables the distribution of the DMX signal on 4 independent sub-networks,
- the splitter can be used as a signal repeater for distances exceeding 200m,
- the splitter increases the number of luminaires that are connected to one DMX bus, ie up to 32 on each output,
- the 'DMX thru' output repeats passively the DMX signal and can be used to connect an additional splitter in order to increase the overall number of outputs. In this case, the 120 ohm resistor on the product is not needed.



Functional description

- DIN rail mounting
- 5V power supply needed
- 1 input, 1 passive output, 4 active outputs
- LED indicator for power on (fix), LED indicator for DMX on (blinking)
- line termination already installed between D- and D+ on the DMX passive output (must be taken out when passive output is used)