



LED SPLITTER W104



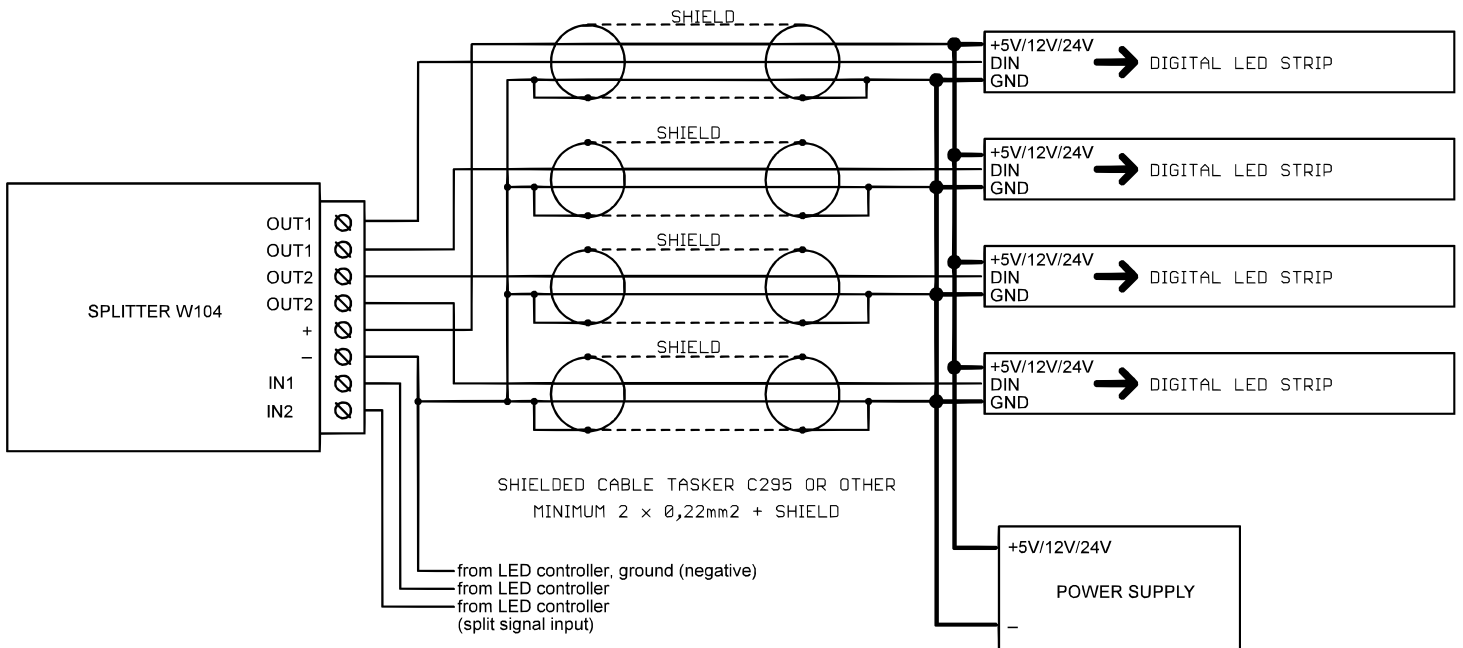
LED splitter W104 is used to amplify and separate digital signals of LED strips or modules. The splitter requires power. It has two inputs, each of which is divided into two outputs. Thus, one signal can be divided into four or two signals can be divided into two times two.

Splitter parameters

- supply voltage: 5...24V
- supported integrated circuits (digital diodes): WS2811, WS2812S, WS2812B, WS2812D, PD9823, Sk6812, Tm1803, TM1804, TM1809, TM1814, UCS1903, UCS1909, UCS1912, UCS2903, UCS2909, UCS2912, APA104
- dimensions: 60 x 84 x 30mm

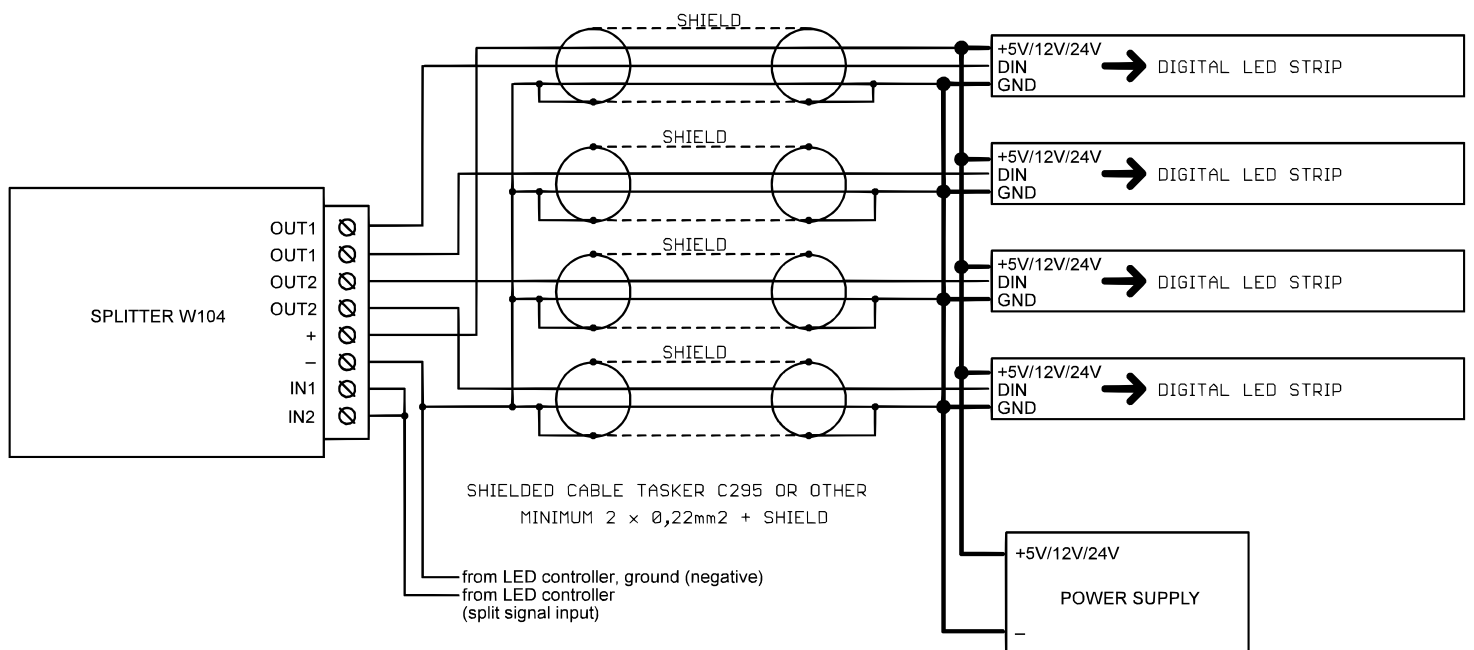
Connection example

Splitting two inputs into two pairs of independent outputs



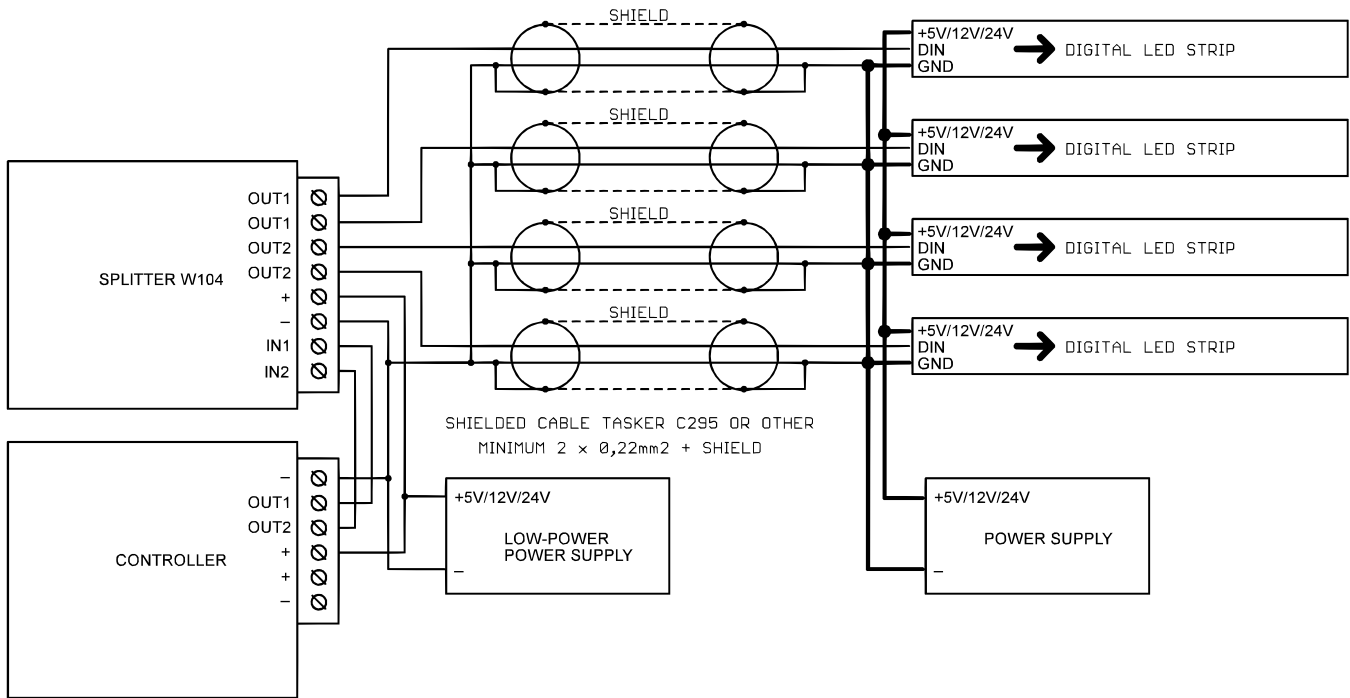
Connection example

Splitting an input into four outputs.



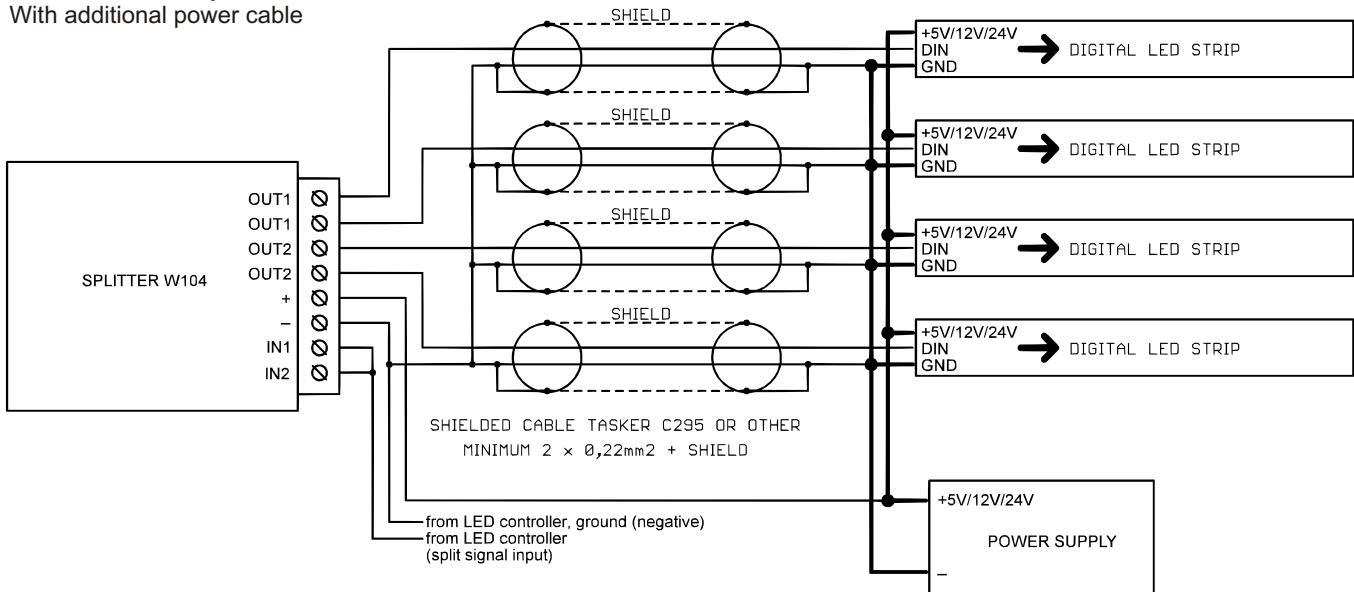
Connection example

With additional low-power power supply.



Connection example

With additional power cable



Required device storage conditions:

- only in closed rooms free of vapors and caustic agents.
- ambient temperature -30°C to +40°C, air humidity: 30% to 90% (non-condensing)

Device Disposal:

- the device must not be disposed of in ordinary waste containers. Unnecessary or used product should be delivered to special waste segregation centers run by municipal authorities.

The manufacturer bears no responsibility for possible consequences resulting from incorrect installation, improper use of the device, non-compliance with the operating instructions and self-repair.

Required operating conditions of the device:

- ambient temperature from +1°C to +40°C - relative humidity from 30% to 75%
- assembly of the device may only be carried out by a person with appropriate qualifications
- LED strip control cable (connected to the output of the device) should not be longer than 10 cm. if needed longer wiring, the control signal should be run with a shielded (coaxial) cable.

Cable selection and responsibility for possible radio interference caused by improper wiring rests with the installer of the device.

- the connected digital LED strip or digital LED modules must comply with the applicable electromagnetic compatibility standards.
- connect the device with the power supply disconnected
- operation of the device is not possible near sources of heat or harmful radiation and within the range of a strong electromagnetic field
- clean the housing with a damp cloth, with the power supply disconnected - the device should be protected against contact with water and other liquids
- if the device has visible damage, it must not be connected to the power supply.