

SPI Signal Splitter

CE ROHS



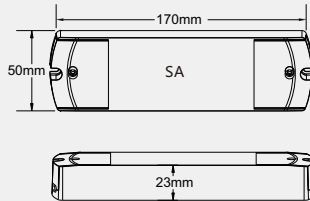
Summary

- Split 1 group SPI signal (data+clock) to 3 group SPI signals.
- Applied to synchronous control multiple SPI LED strips.

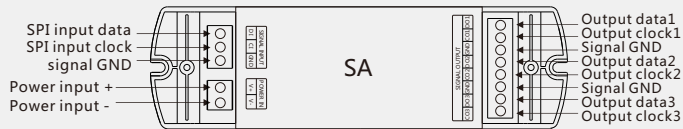
Technical Parameters

- Input voltage: 5-24VDC
- Input signal: 1 group SPI(TTL) signal
- Output signal: 3 group SPI(TTL) signals
- Working temperature: -30°C~55°C
- Dimension: L170×W50×H23mm
- Weight: 137g

Dimension

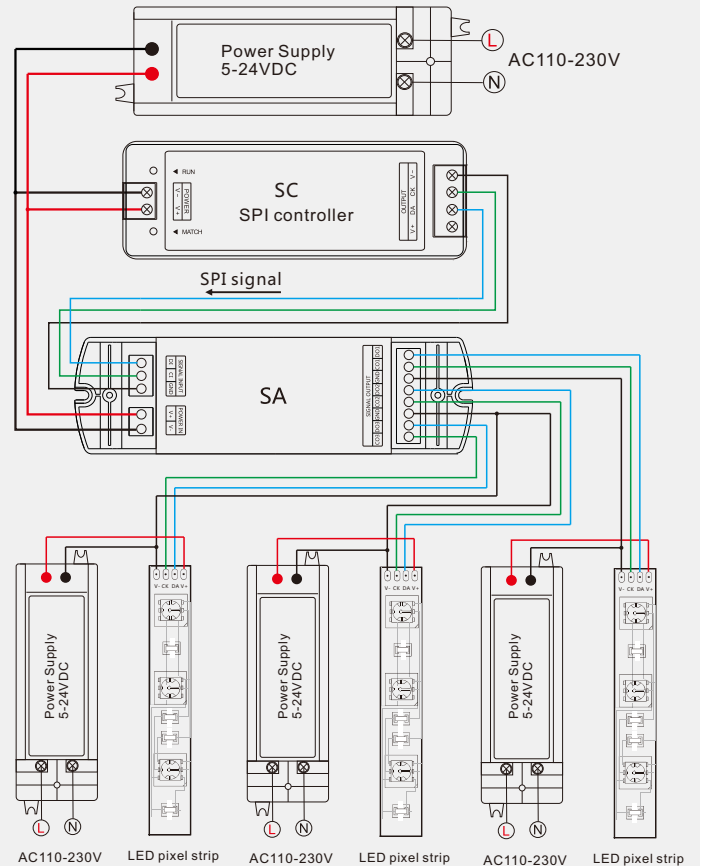


Interface Specification

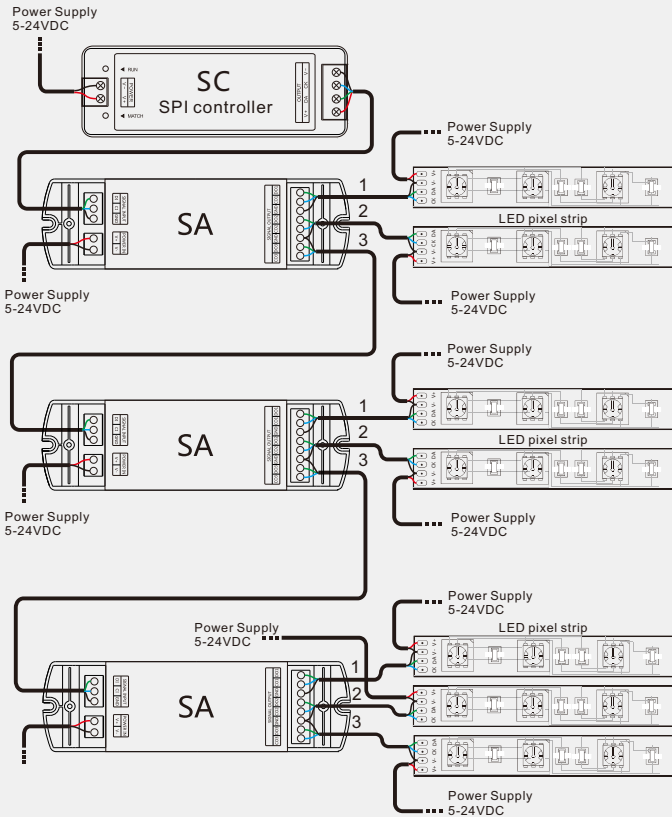


Wiring diagram

- Connect with one SA



- Connect with more than one SA



Malfunctions analysis & troubleshooting

Malfunctions	Causes	Troubleshooting
No light	<ol style="list-style-type: none"> 1. No power. 2. Wrong connection or insecure. 	<ol style="list-style-type: none"> 1. Check the power. 2. Check the connection.

Safety & Warnings

1. The product shall be installed and serviced by a qualified person.
2. This product is non-waterproof. Please avoid the sun and rain.
3. Good heat dissipation will prolong the working life of the controller, please ensure good ventilation.
4. Please check if the output voltage of any power supplies used comply with the working voltage of the product.
5. Ensure all wire connections and polarities are correct and secure before applying power to avoid any damages to the LED lights.
6. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

Warranty Agreement

1. 5-year warranty
 - The warranty is for free repair or replacement and covers manufacturing faults only.
 - Do not include fees of on site maintenance and consumable parts.
2. Limited Warranty
 - Artificial damage caused by improper use, such as use inappropriate power supply, improper accessories, improper installation, did not follow the instructions, error using or negligence.
 - Any damages caused by force majeure, such as natural disaster, abnormal voltage.
 - The normal use of products caused by aging, wear and tear, but it does not affect the normal use.