SPI Signal Splitter

- Split 1 group SPI signal (data+clock) to 2 group SPI signals.
- Used with SPI controller, applied to synchronous control multiple SPI digital RGB or RGBW LED strips.

CE RoHS emc LVD

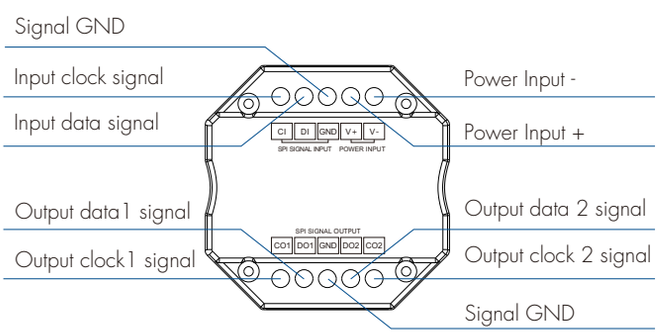
Technical Parameters

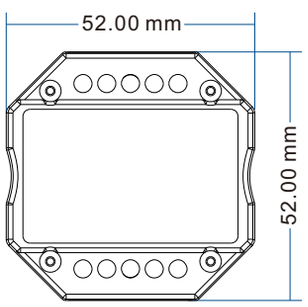
Input and Output	
Input voltage	5-24VDC
Input Current	0.5A Max.
Input signal	1 group SPI (TTL) signal
Output signal	2 group SPI (TTL) signals
Warranty and Protection	
Warranty	5 years
Protection	Reverse Polarity

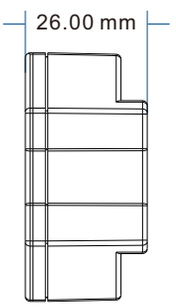
Environment	
Operation temperature	Ta: -30℃ ~ +55℃
Case temperature(Max.)	Tc: +65℃
IP rating	IP20
Package	
Size	L56 x W56 x H35mm
Gross weight	0.049kg

Safety and EMC	
EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Safety standard(LVD)	EN 62368-1:2020+A11:2020
Certification	CE,EMC,LVD

Mechanical Structures and Installations

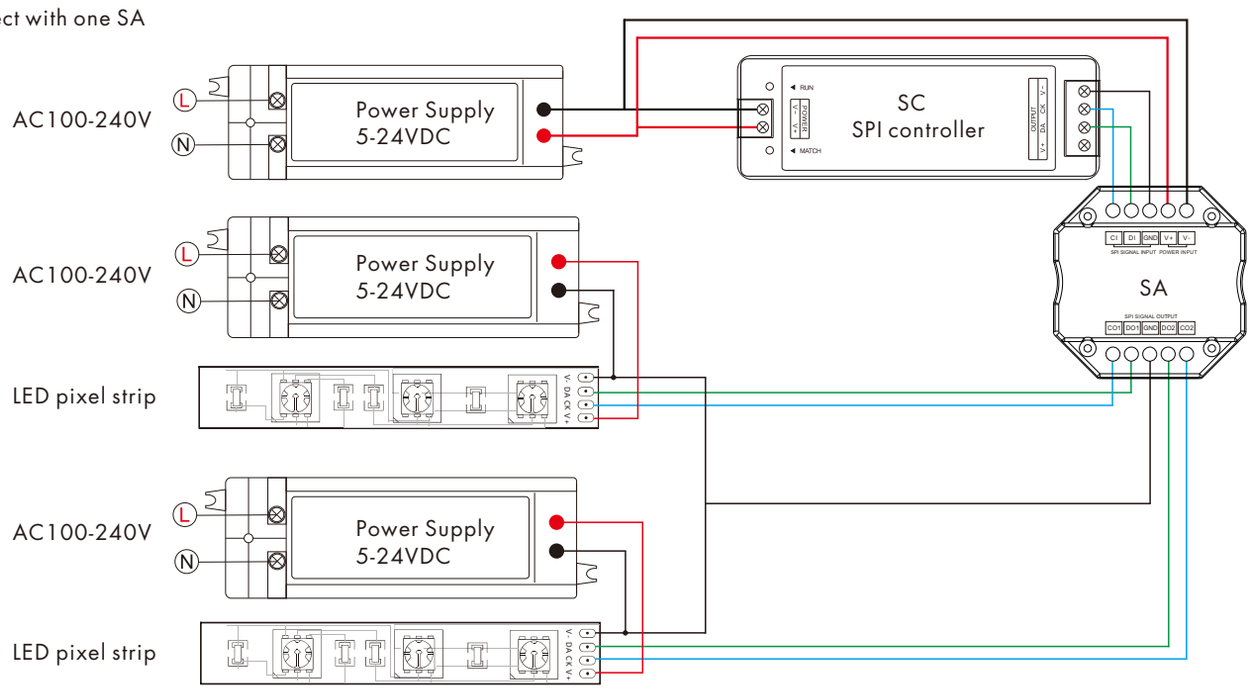




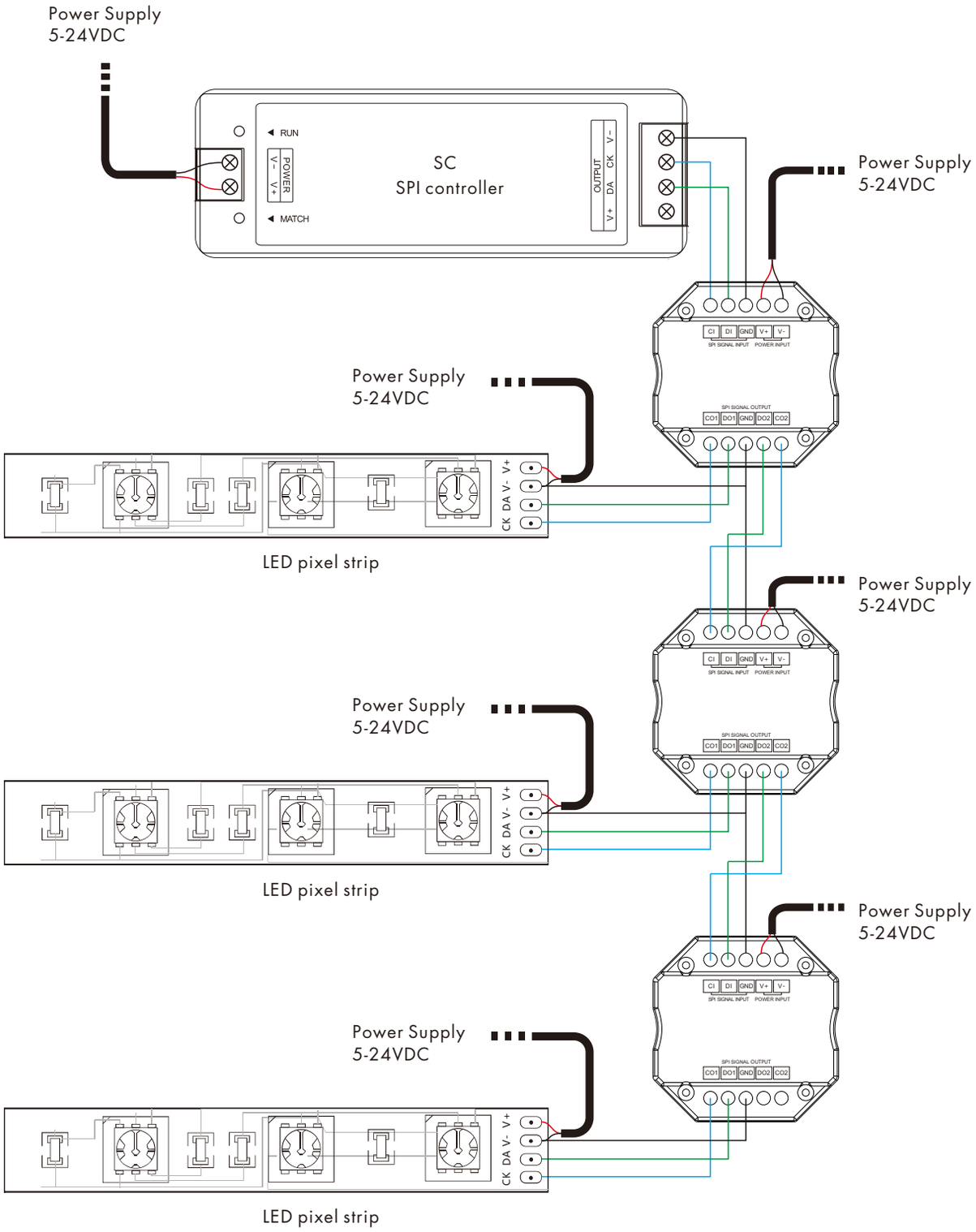


Wiring Diagram

- Connect with one SA



• Multiple SA cascade connect



Note:

• If the SPI LED pixel strip is single-wire control, the DATA and CLK output is same, each SA can connect up to 4 LED strips.

• If the SPI LED pixel strip is two-wire control, each SA connect up to 2 LED strips.