

Q3-X

3-Keys RGB LED Controller

- 3 channel constant voltage RGB LED mini controller.
- 2.5A per channel, output connect with 5 meters RGB LED strip.
- 3 Keys operation with on/off, dimming and color adjustment.
- Smooth dimming, no flicker.
- Reverse polarity/Overheat protection.

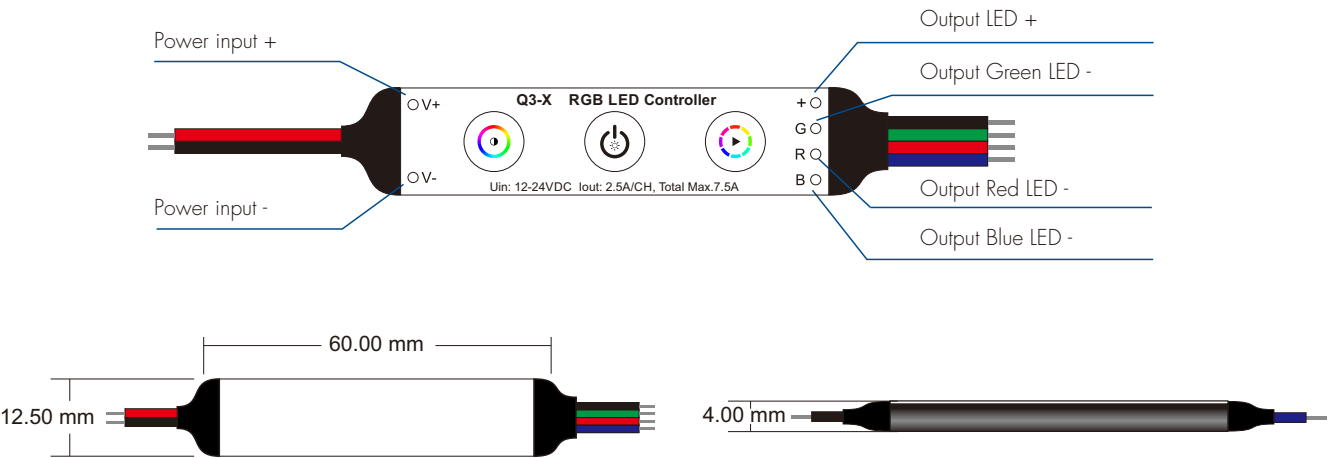


CE RoHS emc LVD

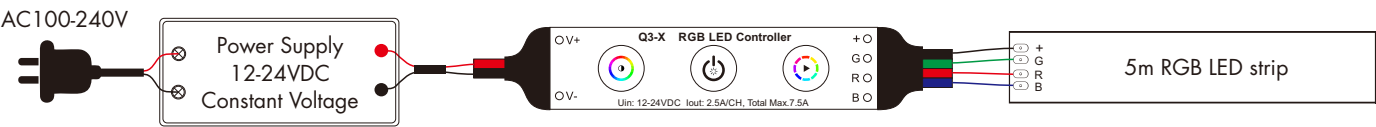
Technical Parameters

Input and Output		Dimming data		Safety and EMC	
Input voltage	12-24VDC	Dimming gray scale	256 levels	EMC standard (EMC)	EN IEC 55015:2019+A11:2020 EN 61547:2009
Output voltage	12-24VDC	Dimming range	0% -100%		EN IEC 61000-3-2:2019+A11:2021 EN 61000-3-3:2013+A11:2019
Output current	2.5A/CH, Total Max. 7.5A	Dimming curve	Linear		EN 61347-1:2015+A1:2021 EN 61347-2-13:2014+A1:2017
Output type	Constant voltage	PWM Frequency	2000Hz	Safety standard(LVD)	
				Certification	CE,EMC,LVD
Warranty and Protection		Package		Environment	
Warranty	5 years	Size	L90xH130mm	Operation temperature	Ta: -20 °C ~ +50 °C
Protection	Reverse polarity ,Over-heat	Gross weight	0.018kg	Case temperature (Max.)	Tc: +80 °C
				IP rating	IP20

Mechanical Structures and Installations



Wiring Diagram



Key Function

 : Short press to turn on or off light, long press for 1-6s to adjust brightness continuously.

 : Short press to change 24 static RGB color, long press for 1-6s to adjust color saturation continuously.

 : Short press to change 10 dynamic mode, long press 2s to adjust speed, 10 levels.

Dynamic mode list :

No.	Name	No.	Name
1	RGB jump	6	RGB fade in and out
2	RGB smooth	7	Red fade in and out
3	6 color jump	8	Green fade in and out
4	6 color smooth	9	Blue fade in and out
5	Yellow cyan purple smooth	10	White fade in and out