Programmable LED timer controller TC420SJ

Reference: AM1306
EAN13: -
HS code: 94059900

Product attributes:

Product features:

Voltage: 12-24 V DC
Waterproof grade: IP22

Product description:

The **TC420SJ** programmable LED controller is the ideal solution for precise time control of LED lighting in a wide range of applications — from home decorations to professional lighting systems. Compared to previous versions, it offers improved features and power up to **20A at 12V/24V DC** , allowing you to power even larger LED installations.

Main features:

- **5 independent output channels** - ideal for single-color, bi-color, RGB or RGBW LED strips.
- **Programming using a PC** via USB (software included).
- **Cyclic 24-hour programs** – allow you to adjust the brightness and color of individual channels in 30-minute increments.
- **Energy-saving PWM (Pulse Width Modulation) control** for smooth dimming and reliable operation.
- **Standalone operation** – no connection to a computer is required after loading the program.
- **Operating voltage range:** DC 12V–24V.
- **Total output current:** up to 20A.
- **Working temperature:** -20°C to +60°C.
- **Common anode configuration.**

Use:

- Plant lighting
- Illuminated signs and LED boxes
- Stage lighting
- LED decorations indoors and outdoors

Package contents:

- TC420SJ control unit
- Printed user manual (EN)

Operation indicators:

- **Power LED** – indicates power connection
- **Signal LED** – flashes when buttons are activated

With its wide range of settings and stable performance, **the TC420SJ** is an ideal choice for users who want to create sophisticated lighting scenarios with precise timing.