

Synergy 21 LED Controller EOS 10 Zigbee 2 Kanal Controller CCT (2 wires)



Synergy 21 LED Controller EOS 10 Zigbee 2-channel controller CCT (2 wires)

The **Synergy 21 LED Controller EOS 10** is a powerful Zigbee controller for controlling **2-wire** CCT LED strips. It is **not** suitable for **3-wire** CCT LED strips. The controller enables flexible control of on/off switching, brightness and colour temperature (CCT) via a Zigbee network.

Features:

- **Zigbee 3.0 compatible** – high interoperability with Zigbee systems and smart home platforms.
- **2-channel control** – enables precise adjustment of the colour temperature (warm white/cold white).
- **Wireless Zigbee network** – control via Zigbee hubs, gateways and compatible remote controls.
- **Direct pairing (Touchlink)** – direct connection with Zigbee remote controls possible without gateway.
- **Self-forming Zigbee network** – possible without coordinator.
- **Zigbee Green Power support** – up to 20 Zigbee Green Power remote controls can be connected directly.
- **Easy addressing** – devices can be assigned via "Find & Bind" mode.
- **OTA update capability** – automatic firmware updates over the Zigbee network.
- **Built-in programming button** – for easy pairing and resetting.

- **Safety & protection** – protection class IP20 (for indoor use).

Technical data:

- **Input voltage:** 12-24V DC (constant voltage)
- **Maximum output power:** 60-120W (depending on the input voltage)
- **Maximum output current:** 5A
- **Connectors:** 2-wire terminals for CCT LED strips (not suitable for 3-wire CCT LED strips)
- **Dimensions:** 145 × 46.5 × 16 mm
- **Protection class:** IP20 (only suitable for indoor use)

Application areas:

- Smart lighting control for residential and commercial premises
- Integration into smart home systems
- Light control via Zigbee remote controls or apps

Note: The controller must not be powered while it is being installed or wired.

Attributes

Attribute	Value
Ampere:	5
CC oder CV:	CV
Dimmbar:	Ja
Grösse:	145*46,5*16
LED - Gehäusefarbe:	weiß
LED - Gehäusematerial:	Kunststoff
Produktname:	EOS 10 Serie
Schutzklasse:	IP20
Volt:	12/24

Attribute	Value
Weight:	0.1 Kg
Warranty:	60.00 Months

Accessories

Part No.	Name
235830	Synergy 21 LED Flex Strip COB - DW (CCT 2 wire) DC24V 75W IP67 SLIM
235793	Synergy 21 LED Flex Strip COB - DW (CCT 2 wire) DC24V 75W IP20 SLIM