



Dimmer

2026

Dear Customer,

Welcome to HUATEC GmbH. Based in Hamburg, Germany, we have refined our expertise in LED power supplies, LED strips, and smart lighting control over many years, providing reliable, convenient, and high-value products and solutions to customers across the EU.

We believe that the best products come from listening. Our location in the heart of the EU allows us to respond quickly to our partners' needs and incorporate valuable feedback directly into our design process, ensuring our products are perfectly adapted to European application environments. At the same time, our factory-direct model and German-based stock ensure rapid order processing and delivery.

It is thanks to this efficient operating model that we can provide high-quality products and services while offering a highly competitive price advantage.

We invite you to discover a portfolio built for professional excellence. Your input is the driving force behind our innovation, and we look forward to your feedback and a successful collaboration.

Your HUATEC Team

Your Advantages with HUATEC

1. Comprehensive Product Portfolio

We cover the full spectrum of modern lighting control. Our range includes standard and dimmable LED drivers, professional LED strips, and advanced control devices with smart home app integration. We ensure you have the right technology for every installation.

2. Direct Supply Structure

We operate without intermediaries or external distributors. By selling directly to you, we eliminate unnecessary margins to offer a fair manufacturer price. This direct model also ensures clear communication if you have technical questions or feedback.

3. Agile Logistics from Hamburg

With our own central warehouse in Hamburg, we offer readily available stock and short delivery routes. Whether you need a scheduled stock order or have a sudden urgent demand, we can react quickly and deliver reliably across Europe.

4. A Reliable Partner in the EU

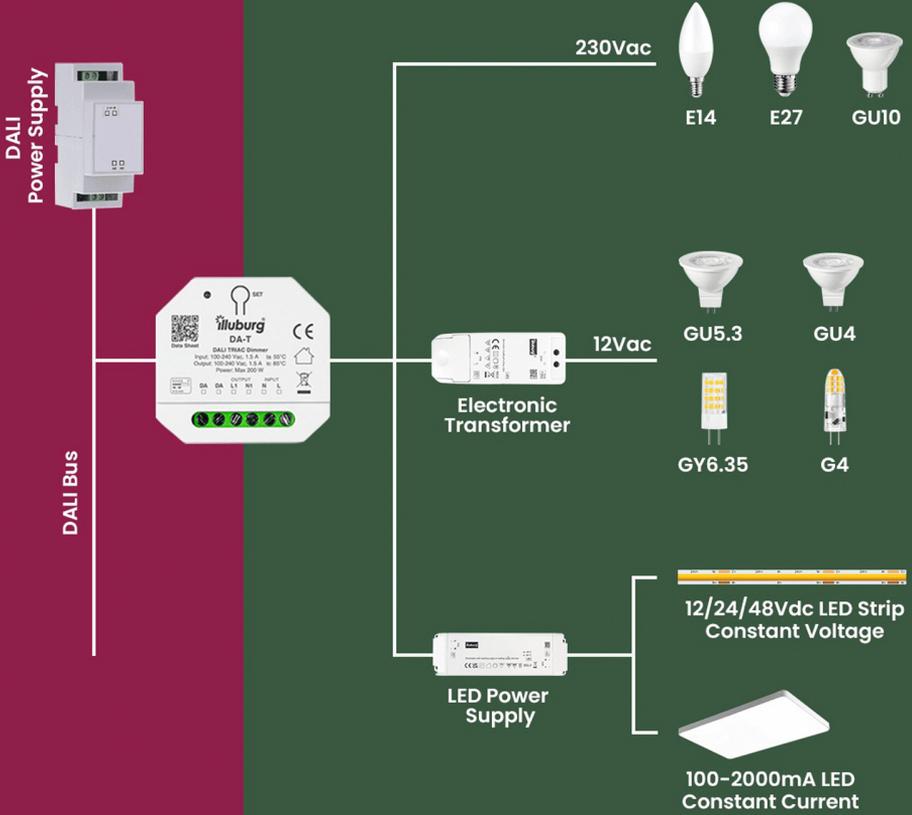
We are more than just a supplier; we are your contact point on site. Our physical presence in the EU ensures you have accessible support and straightforward warranty handling, without the complications of overseas service.

5. Tailored Project Solutions

If the standard range does not fit, we adapt. Our technical team offers individual modifications, such as cable pre-assembly, OEM branding or custom complete solutions to meet your specific project requirements.

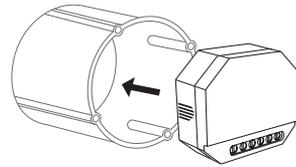
DALI

TRIAC

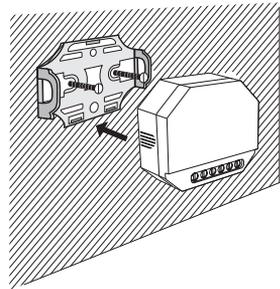
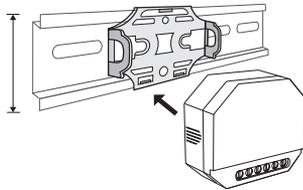


DALI TRIAC Dimmer

controls TRIAC dimmable gears with push switch, DALI 1 assigned DALI address to adjust on/off, brightness suitable for 230 V LED / TRIAC dimmable power supply



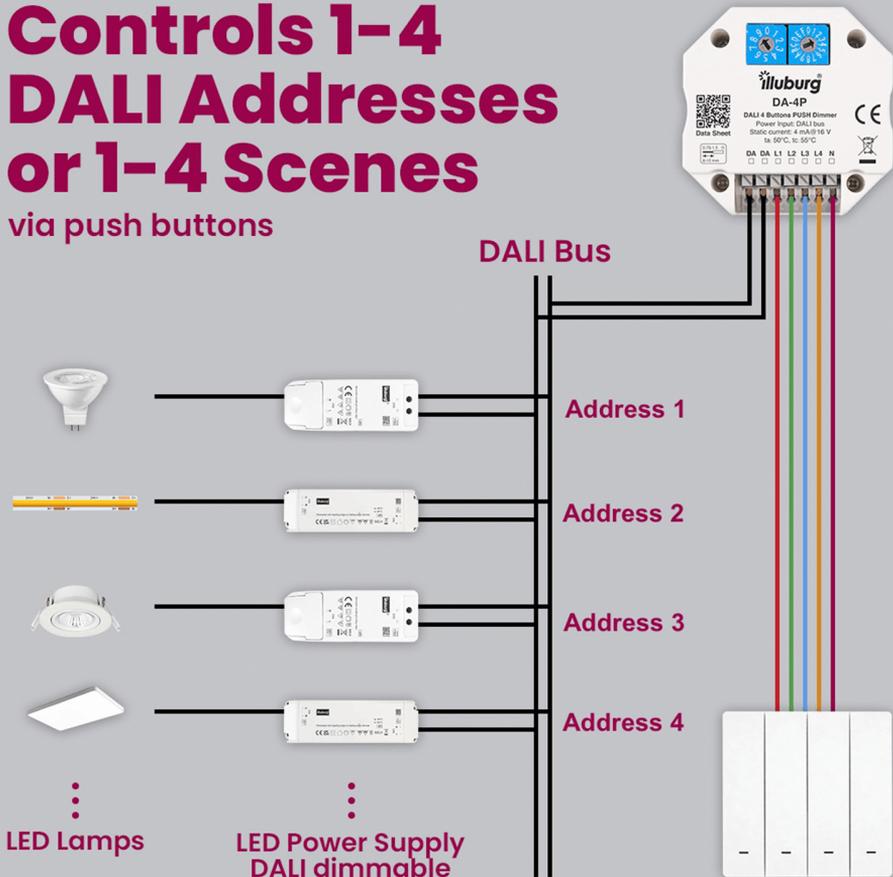
Ø: 65 mm



Model	IP Class	Input	Output	Ta	Tc	Dimension
DA-T	IP20	100-240 vac 130 A max.	200 W max. (LED) 400 W max. (Halogen)	-20 ~ +55 °C	85 °C	54x49.5x23.5 mm

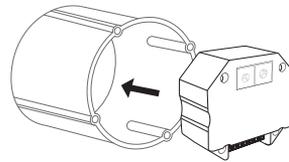
Controls 1-4 DALI Addresses or 1-4 Scenes

via push buttons



DALI PUSH Switch Dimmer

controls 1 - 4 DALI addresses with push switches
each DALI address can be assigned to a group / scene
adjust on/off, brightness, recall preset scene



Ø2 60 mm

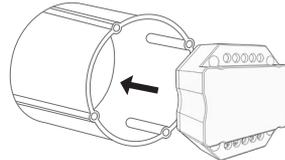
Model	IP Class	Input	Output	Ta	Tc	Dimension
DA-4P	IP20	PUSH signal	DALI signal	-20 ~ +50 °C	55 °C	51x51x26.5 mm

TRIAC Dimmer Push RF WiFi

control via push switch, RF 2.4 GHz remote, WiFi
 compatible with Tuya Smart, Amazon Alexa, Google Assistant
 suitable for 230 V LED / TRIAC dimmable power supply



2.4G **PUSH**



Ø 60 mm



2.4G **PUSH** **WiFi**



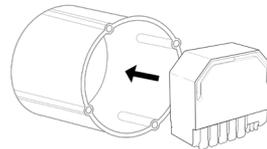
Model	IP Class	Input	Output	Ta	Tc	Dimension
TR-PF	IP20	100-240 Vac	200 W max. (LED) 400 W max. (Halogen)	-20 ~ +55 °C	85 °C	52 x 52 x 26 mm
TR-PFW	IP20	100-240 Vac	200 W max. (LED) 400 W max. (Halogen)	-20 ~ +55 °C	85 °C	52 x 52 x 26 mm

Controller for Single Color LED Strips

single channel led controller with 12 - 48 Vdc output
 control via push switch, RF 2.4 GHz remote, WiFi
 compatible with Tuya Smart, Amazon Alexa, Google Assistant



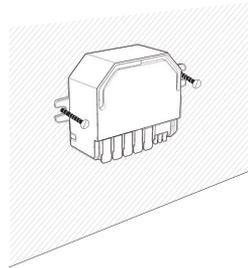
2.4G PUSH



Ø ≥ 60 mm



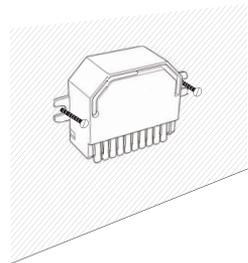
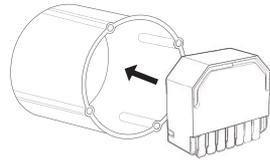
2.4G PUSH WiFi



Model	IP Class	Input	Output	Ta	Tc	Dimension
D1-PF	IP20	12-48 Vdc	12-48 Vdc	-20 ~ +55 °C	73 °C	56 x 38.5 x 18 mm
D1-PFW	IP20	12-48 Vdc	12-48 Vdc	-20 ~ +55 °C	73 °C	56 x 38.5 x 18 mm

Controller for Multi Color LED Strips

5 channel led controller with 12 - 24 Vdc output control via push switch, RF 2.4 GHz remote, WiFi compatible with Tuya Smart, Amazon Alexa, Google Assistant



Model	IP Class	Input	Output	Ta	Tc	Dimension
D5-PF	IP20	12-24 Vdc	5x(12-24) Vdc	-20 ~ +55 °C	77 °C	56 x 38.5 x 18 mm
D5-PFW	IP20	12-24 Vdc	5x(12-24) Vdc	-20 ~ +55 °C	77 °C	56 x 38.5 x 18 mm

RF 2.4 GHz Remote Control

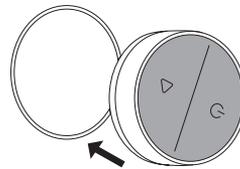
5-in-1 dimming / CCT / RGB / RGBW / RGBCW
adjust on/off, brightness, color, dynamic change
powered by CR2032 battery, with 30 m control distance



2.4G



2.4G



magnetic

Model	Frequency	Battery	Ta	Dimension
RC2-B	2.4G Hz	CR2032, 3V	-30 ~ +55 °C	Ø 45 x 16 mm
RC2-W	2.4G Hz	CR2032, 3V	-30 ~ +55 °C	Ø 45 x 16 mm



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