Shanghai Euchips Industrial Co. Ltd established in 2005, has devoted in lighting control products and systems for 15 years. After years of development, Euchips It is a national high-tech enterprise (Certificate No.:GR201831000716).

Euchips always focuses on the innovation and development. Our professional and experienced R&D team accounts for over 30% of the whole company employees. Euchips has achieved over 80 patents. and also been awarded National High-Tech Enterprise in 2015, one of the TOP 10 Intelligent Lighting Brand in 2016 and outstanding cooperation of Shanghai Lighting Technology. 

Euchips offers a full range of lighting control product portfolios including DALI, 0-10V, Triac, DMX512, wireless & smart drivers, dimmers and control systems. Our slogan is ‘Universal compatibility, None-flickering’. Our product are widely used in hotels, bars and night clubs, residential areas, commercial buildings, offices around the world.

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2018
- Won Alighting "Excellent Technology Award"
- R&D Centers in Shenzhen, Zhuhai, Suzhou
- In June, Euchips established
- Renamed as Shanghai Euchips Industrial Co., Ltd
- DMX System
- ODM DMX controllers for PHILIPS.

2016
- Won China 2016 Intelligent Building Brand Award
- Goverment STCSM Funding
- Enter DALI Organization
- Partnership with WANDA
- High-Tech Enterprise Certificates
- "Smart Phase-Cut" launched leading the market
- Government STICME Funding

2012
- Government STICME Funding
- Enter DALI Organization
- Develop DMX controllers for PHILIPS.

2008
- Returned as Shanghai Euchips Industrial Co., Ltd
- DMX System
- Development History
- 15 YEARS ABSORBED

2005
- In June, Euchips established
Euchips has professional production team with complete SMT lines, advanced high speed chip mounter, soldering and test equipment, automatic production, to maintain consistency in production; we strictly control the quality inspection from raw material to finished product.

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O/T-10V Constant Current LED Driver
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Constant Current LED Driver
Constant Voltage LED Driver
08 Non-Dimming LED Drivers Series
Ultra-Pix Waterproof Driver Series
Ultra-Pix LED Power Supply
09 LED Wireless Controller Series
2.4G LED Wireless Driver
Remote Control Series
010 EU-BUS Controller Series
Phase Cut & 0/1-10V Dimming Controller
Relay Switch Controller
Project References

Morpheus luxury | City of Dreams Macau

Quantities:
Totally 15,924pcs
Products:
- EUP40T-1H24V/24V-0 (6531pcs)
- EUP75T-1H24V/24V-0 (3371pcs)
- EUP150T-1H24V/24V-0 (6022pcs)

Quantities:
Totally 12,003pcs
Products:
- EUP40A-1W24V-1 (5230pcs)
- EUP75A-1H24V-1 (2792pcs)
- EUP150A-1W24V-1 (3265pcs)
- EUP300A-1H24V-1WP (716pcs)

Canton East Tower | Guangzhou, China

Quantities:
Totally 12,003pcs
Products:
- EUP40A-1W24V-1 (5230pcs)
- EUP75A-1H24V-1 (2792pcs)
- EUP150A-1W24V-1 (3265pcs)
- EUP300A-1H24V-1WP (716pcs)
Project References

Chengdu Museum

Sichuan Deng Xian: Heavenly Master

Shandong Art Gallery

Hainan Museum

1. Kempinski Hotel in Guangzhou
2. The 12th Meeting of Lake Cuihu Manor in Xiamen Lake
3. Hainan Museum
4. Millennium Hotel Chengdu
5. Ningbo Hengyi Square
6. Shenzhen Center
7. Guangdong Pearl
8. Zhuhai Changlong International Sea Resort Area
9. Rich Hotel, North Sea, Guangxi
10. Yiwu Kaiyuan Hotel
11. The Marriott Hotel
12. Guangzhou’s Rich Flower Holiday Inn
13. Chongqing Fuli Kaiyue
14. The Futian Taixue Building in Shenzhen
15. The Cross-strait Lighting Experience Museum
16. The Four Seasons Hotel in Shenzhen
17. The Shangri-la Hotel in Shenzhen
18. The Four Seasons Hotel in Shenzhen
19. The Ritz-Carlton Hotel in Shenzhen
20. Shenzhen Imperial Court Center
21. Shenzhen Guzheng Building
22. The Four Seasons Hotel in Shenzhen
23. Shenzhen Imperial Court Center
24. Shenzhen Imperial Court Center
25. Shanghai Jing’an Shangri-la Hotel
26. Shanghai Xintiandi – The Andshi Hotel
27. Shangri-la Hotel, Nanchang
28. The New World Hotel in Chongwenmen, Beijing
29. The New World Hotel in Chongwenmen
30. The Jiali Center in Shanghai Pudong
31. Shanghai Jing’an Shangri-la Hotel
32. Shanghai Xintiandi – The Andshi Hotel
33. Shangri-la Hotel, Nanchang
34. The New World Hotel in Chongwenmen
35. The Jiali Center in Shanghai Pudong
## LED Power Amplifier Series

### DMX Series
- **Constant Voltage DMX Decoder Series**
- **Constant Current DMX Decoder Series**
- **DMX Signal Splitter Series**
- **DMX/RDM Master Controller (Stand Alone/Software)**
- **DMX Panel Controller Series**

### 0-10V/1-10V Series
- **Constant Voltage Dimmable Driver Series**
- **Constant Current Dimmable Driver Series**
- **Constant Voltage 0-10V Dimmer Series**
- **0-10V Panel Controller Series**
- **Analog Signal Amplifier**

### DALI&1-10V Five-in-one Dimming Drivers
- **Constant Current Dimming Drivers**
- **Constant Voltage Dimming Driver**
Universal LED Drivers (Mainly for North America)

DALI Constant Voltage Dimming Driver

Phase-Cut Constant Voltage Dimming Driver

Phase-Cut Constant Current Dimming Driver

0/1-10V Constant Voltage Dimming Driver

2.4G RGB/RGBW Drivers

2.4G Constant Current Drivers

2.4G RGB/RGBW Remote Control Series

2.4G Color-Temperature Remote Control Series

2.4G Brightness Remote Control Series

EU-BUS System

Waterproof LED Street Light Driver Series

Constant Current NFC Programmable

Constant Voltage LED Drivers

Non-Dimming LED Drivers Series

Ultra-Thin Waterproof Driver Series

Ultra-Thin Grid Power Supply

LED Wireless Controller Series

Remote Control Series Bluetooth to DALI

BLEBOX-A

Remote Control Series
DALI (Digital Addressable Lighting Interface) is one of the most popular standards of lighting control and a special protocol for digital lighting control. It is transmitted in the Manchester encoding format with great dimming function of whole, group dimming, addressing dimming, multiple scene mode settings, etc. As requirements for lighting control system in modern high-end hotel, business center and home have increased, the Dal control is widely used and shows a strong advantage in the field of intelligent lighting control with its simple, reliable, excellent function, easy installation, flexible extend features.

IEC62386 is the international standard of digital addressable lighting interface, which solves the compatibility of different manufacturer’s devices. It provides designers with the best performance and the most personalized selection solution. IEC62386-207 is the special requirements of LED module (DT6), which mainly defined the brightness adjustment and has been maturely applied in the field of lighting control. IEC62386-208 is the special requirement of color control (DT8), which supports color control, include RGB and color temperature. It can be widely used in education, office, hospital, retail and other occasions. This increased color control provides architects with more options for using Dali lamps to control the color and brightness of each room. Dal standards have been developing over the decades and forming the DALI-2.0. DALI-2.0 fills the gaps of original standards and adds new function. It introduces the standardization of control devices, including input devices and control devices, while maintaining backward compatibility.

**TouchDIM Wiring Diagram**

DALI Group/Scene Controller

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**Description**

Widely used for brightness adjusting and color-temp controlling of LED constant voltage lights. It can be used as decoder and also driver. Dimming with 1-100% range (LED brightness starts at 1%).

**Features**

- Comply to DALI standard protocol IEC 62386
- Short circuit / Over load protection
- Security level: 2
- DALI Digital control input, PWM output
- Support Touch DIM function, and can be dimmed manually
- PWM digital dimming, no alter the LED color rendering index
- Built-in MCUs , customizable logarithmic curve, linear dimming curve
- Dimming depth : 1% Dimming range: 1%-100%
- No minimum load requirements

**Advantages**

- Compatible with MR16
## DALI Constant Voltage Drivers

### Description
Widely used for brightness adjusting and color-temp. controlling of LED constant voltage lights. It can be used as decoder and also driver. Dimming with 1-100% range (LED brightness starts at 1%).

### Features
- Comply to DALI standard protocol IEC 62386
- Short circuit / Over load protection
- DALI Digital control input, PWM output
- Support Touch DIM function, and can be dimmed manually

### Advantages
- PMN digital dimming, no alter the LED color rendering index
- Built-in MCUs, customizable logarithmic curve, linear dimming curve
- Dimming depth: 1%  Dimming range: 1%- 100%
- No minimum load requirements

### Introduction
- PWM digital dimming, no alter the LED color rendering index
- High efficient
- Wide input voltage range 100 - 240 volts, PF > 0.95
- Comply to DALI standard protocol IEC 62386
- Short circuit / Over load protection
- Security level: 2

### Features Advantages
- Built-in MCUs , customizable logarithmic curve, linear dimming curve
- Dimming depth : 1%  Dimming range : 1%- 100%
- High  Protection  level
- With overload, short circuit, over voltage, over temperature and other protection functions, and can automatically recover after the fault is removed
- Comply with CE/CB/ Enec/ SAA/ RoHS/ CCC and other certification requirements
- Built - in 2kV ~ 10kV lightning protection circuit ( depending on the product power )
- Ambient temperature range: to -25 \(^\circ\)C  - +50 \(^\circ\)C
- Five - years warranty

### Technical Specifications

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product No.</th>
<th>Input Voltage (VAC )</th>
<th>Output Current (A)</th>
<th>Output Voltage (VDC )</th>
<th>Channel</th>
<th>Power (W)</th>
<th>G.W</th>
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</table>

### Ultra-Thin Waterproof Dimming Driver

### Description
DALI and 0 - 10V dimming options can be used for DC constant voltage LED lamps.

### Features
- Wide input voltage range 100 - 240 volts, PF = 0.95
- The die-casting shell is integrally formed, and the product meets the structural requirements of Class I power supply
- Adopting high quality getting compound with scientific proportion, the protection grade is as high as IP67
- With overload, short circuit, over voltage, over temperature and other protection functions, and can automatically recover after the fault is removed
- Comply with CE/CB/ Enec/ SAA/ RoHS/ CCC and other certification requirements
- Built - in 2X4 - 10X1V lighting protection circuit ( depending on the product power )
- Ambient temperature range to -25 \(^\circ\)C  - +50 \(^\circ\)C
- Five - years warranty

### Technical Specifications

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product No.</th>
<th>Input Voltage (VAC )</th>
<th>Output Current (A)</th>
<th>Output Voltage (VDC )</th>
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</table>

### Apply lamps and lanterns

- Wall Washer
- LED Strip Light
- LED Tube
- Underground Light
- MR16 Accenture Light
- M15
**Introduction**

**Track light installation solution**

- **Magnetic guide Track**
- **Built-in Track**

**Description**

Mainly used for monochrome constant current lamp dimming, set dimmer and driver as one of the dimming driver. To achieve bright lighting regulation with 1-100% dimming.

**Features**

- Support DALI standard protocol IEC62386
- Support TouchDim function and can be dimmed manually
- PWM dimming, used for constant voltage lights
- Support short circuit, over current protection, over temperature protection

**Advantages**

- MCUs built-in, customizable log curve, linear dimming curve
- Secondary-level structure, less than 3%
- Safe isolation, provide a more secure level
- Dimming depth: 1% Dimming range: 1%- 100%
- Load range: 10% - 100%

### Item No. | Product No. | Product pictures | Input Voltage | Output Current | Product No. | Input Voltage | Output Power | Weight | Dimming range |
<table>
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<td>1 Support</td>
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</table>

- **Constant Current Drivers**

- **EUP10D-1HMC-0**
  - **Support 1-100% dimming.**
  - **Load range: 10% - 100%**
DALI Constant Current Drivers

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input Voltage VAC</th>
<th>Output Voltage Channel</th>
<th>Output Voltage (VDC)</th>
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<td>Support</td>
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</tbody>
</table>

Features
- Meets DALI 2.0 standard Protocol
- Supports PWM-CCR dimming, without flicker
- Supports short circuit, over load protection
- Built-in driver
- Input support hot plug

Constant Voltage Decoder

Description
Using DC power supply, PWM control output, mainly for LED constant voltage lamp dimming / color control

Features
- Supports DALI standard protocol IEC62386
- Supports short circuit, over current protection, Safety level: second level
- DALI digital control, PWM dimming
- Supports TouchDim function and can be dimmed manually

Advantages
- Supports DALI standard protocol IEC62386
- Supports short circuit, over current protection, Safety level: second level
- DALI digital control, PWM dimming
- Supports TouchDim function and can be dimmed manually
- No minimum load requirements

Signal Converter

Description
Euchips signal converter can transfer them to same signal.

Features
- Meets DALI protocol IEC62386
- Supports 0-10V/1-10V analog signal output
- Supports SPI chip WS2811B, WS2811F, WS2812, LPD6803, MBI6020, UCS2903 etc
- Euchips signal converter can transfer them to same signal.

Multifunctional sensor

Features
- Supports single, group and broadcast control mode to control corresponding LED drivers
- Supporting DALI and DALI 0 protocols
- Three control modes of light, infrared and infrared light are supported
- It can realize the function of constant illumination, sense sunlight, and adjust the brightness request in real time to achieve constant illumination in the illumination area.
**Tunable White**

**Description**
Especially designed to allow for the Tunable White control of LED modules. It represents a simple way of CCT control via DALI using standard components – LED driver and DALI controller.

**Features**
-  Support DALI standard protocol IEC62386-209/IEC60929
-  Only one DALI address is occupied
-  Support short circuit, over current protection, over temperature protection
-  Automatically check equipments accessible to Master
-  Automatically allocate short addresses according to DALI Protocol
-  Able to set or read all the parameters in the parameter chart of DALI Protocol
-  Able to set or read by groups and scenes
-  Support DALI 2.0

**Advantages**
-  Complies with DALI protocol standard IEC62386
-  Used to adjust brightness and color temperatures of lamps with DALI interface can save basic brightness and startup brightness
-  Simple and stylish appearance, elegant appearance, convenient operation
-  Can be installed in standard DIN 49073 electrical box

---

**Power Supply**

**Tunable White**

**Description**
Especially designed to allow for the Tunable White control of LED modules. It represents a simple way of CCT control via DALI using standard components – LED driver and DALI controller.

**Features**
-  Support DALI standard protocol IEC62386-209/IEC60929
-  Only one DALI address is occupied
-  Support short circuit, over current protection, over temperature protection
-  Automatically check equipments accessible to Master
-  Automatically allocate short addresses according to DALI Protocol
-  Able to set or read all the parameters in the parameter chart of DALI Protocol
-  Able to set or read by groups and scenes
-  Support DALI 2.0

**Advantages**
-  Complies with DALI protocol standard IEC62386
-  Used to adjust brightness and color temperatures of lamps with DALI interface can save basic brightness and startup brightness
-  Simple and stylish appearance, elegant appearance, convenient operation
-  Can be installed in standard DIN 49073 electrical box

---

**DALI Master Controller**

**Description**
Communicating with PC by USB cable connection, build-in booster circuit can supply 25mA power from DALI bus. Used to configure luminaire parameters.

**Features**
-  Automatically check equipments accessible to Master
-  Automatically allocate short addresses according to DALI Protocol
-  Support re-addressing of all equipments
-  Able to set or read all the parameters in the parameter chart of DALI Protocol
-  Able to set or read by groups and scenes
-  Support DALI 2.0

**Advantages**
-  Software interface friendly, easy to operate, learn and use.
### DALI Hybrid

DALI Hybrid is a touch-sensitive panel for easy-to-use control of lighting control systems and DALI Type 8 colour devices. It can be widely used in schools, retail hospitals, and offices.

#### Features
- Supports DALI Type 8 colour temperature
- Supplied via DALI bus: Support broadcast control.
- Adjust the brightness and color temperature of the lamp
- Save and call up to 4 scenes

#### Advantages
- Group serial number can be freely set by DIP switch
- Use blue led button indicator, easy to use.
- Can support many standards electrical wall box
- Glass panel, fashion style.

### DALI Control Panel

Mainly used for LED constant current lamp dimming control, can be widely used in hotels, restaurants, villas, offices and other regions, to achieve digital dimming.

#### Features
- Meet DALI standard protocol IEC62386
- Use DALI BUS supply power
- Support broadcast control
- Can control up to 3 groups separately
- Can control up to 4 scenes separately
- Groups and scenes can be set by dip-switch on back side

#### Advantages
- Stand alone controlled 3 groups, 4 scenes
- Can set the scene by dial switch and select turn on and off
- Group serial number can be freely set by DIP switch
- Use blue led button indicator, easy to use.
- Can support many standards electrical wall box
- Glass panel, fashion style.

### DALI Scene/Group Input Module

Mainly used for LED constant current lamp dimming control, can be widely used in hotels, restaurants, villas, offices and other regions, to achieve digital dimming.

#### Features
- Can choose different scenes
- Each button reacts fast
- Power supplies via DALI bus
- Easy to build into the wall like normal switch
- Designed to comply with IEC60929/62386

#### Advantages
- Can set the scene or group division by dial switch
- Can set the scene or group division by dial switch
- Can set first address by dial switch
- Power supplies via DALI bus
- Easy to build into the wall like normal switch
- Designed to comply with IEC60929/62386

### DALI&1-10V

Five In One Dimming Drivers

#### Features
- Single channel constant current output, selectable multilevel current
- Efficiency 85%
- Active PFC
- Smooth dimming curves, without flick
- Short circuit, overload, over temperature functions
- Suitable for indoor LED lamps, such as LED downlight and panel light.

#### Advantages
- PWM digital dimming, CRI will not be changed
- Built-in MOS, customized logarithmic or linear dimming curve
- Second level of security isolation, output ripple is less than 3%
- Load range 10%-100%
- Support five in one dimming (DALI&1-10V active signal /PWM signal / adjustable resistance/Touch DIM)

### Constant Current Dimmable Drivers

#### Features
- Single channel constant current output, selectable multilevel current
- Efficiency 85%
- Active PFC
- Smooth dimming curves, without flick
- Short circuit, overload, over temperature functions
- Suitable for indoor LED lamps, such as LED downlight and panel light.

#### Advantages
- PWM digital dimming, CRI will not be changed
- Built-in MOS, customized logarithmic or linear dimming curve
- Second level of security isolation, output ripple is less than 3%
- Load range 10%-100%
- Support five in one dimming (DALI&1-10V active signal /PWM signal / adjustable resistance/Touch DIM)

### Constant Voltage Dimmable Drivers

#### Features
- Single channel constant current output, selectable multilevel current
- Efficiency 85%
- Active PFC
- Smooth dimming curves, without flick
- Short circuit, overload, over temperature functions
- Suitable for indoor LED lamps, such as LED downlight and panel light.

#### Advantages
- PWM digital dimming, CRI will not be changed
- Built-in MOS, customized logarithmic or linear dimming curve
- Second level of security isolation, output ripple is less than 3%
- Load range 10%-100%
- Support five in one dimming (DALI&1-10V active signal /PWM signal / adjustable resistance/Touch DIM)
Leading edge dimming usually uses silicon controlled rectifier (SCR) as a switching device, so it is also called silicon controlled dimmer (Phase-cut dimmer). Its working principle is to wait for the trigger to turn on from the zero phase of AC voltage, and when it turns on, AC power is transmitted to the load. The sine wave shape is changed by adjusting the conduction angle of each half wave of alternating current, so that the effective value of alternating current is changed to achieve the purpose of dimming.

The forward phase-cut (FPC) dimmer has the following advantages:
- Low dimming cost
- Compatible with existing lines and does not need to be rewired, so it dominates the market. Most manufacturers also produce this type of dimmers.

The back-edge (reverse) phase-cut dimmer (RPC) turns on immediately after the half-wave of AC voltage starts, and turns off immediately when the half-wave voltage reaches the set turn-on angle. Similar to front-end dimming, dimming is achieved by adjusting the conduction angle.

The MOSFET is generally used as the switching device in the back edge phase-cut dimmer, because if the SCR is used as the activeswitch, it cannot be turned off immediately according to the characteristics of the SCR, and it will not turn off until the voltage half-wave crosses zero.
Phase-Cut
Constant Voltage Dimmable Drivers

Description
Support leading edge (Phase-Cut) and Trailing edge (ELV), suitable for DC 12-24V constant voltage LED lightings, such as LED strip light, LED flood light, etc. Widely used in hotel, club, villa, market, office and home.

Features
- Output short-circuit protection, overpower protection, overcurrent protection
- Smooth dimming curve, no flicker

Advantages
- Excellent compatibility with major brand control system
- Controlled by PWM (Pulse-Width Modulation), not change color rendering index
- Built-in MCU (Micro controller unit), support both logarithmic curve and linear curve dimming customizable
- Dimming depth 1%, dimming range 1% to 100%
- No minimum load
- Support Leading edge (Phase-Cut) and Trailing edge (ELV)

Compatible with MR16

Apply lamps and lanterns

Wall Washer
LED Strip Light
LED Tube
Underground light
MR16 terminal light
More
Phase-Cut
Constant Current Dimmable Drivers

Description
Supports leading edge (Phase-Cut) and trailing edge (ELV), suitable for constant current LED lightings, such as LED down light, COB spot light, ceiling light, etc. Widely used in hotel, club, villa, market, office and home.

Features
- Multi-current selection
- Smooth dimming curve
- Output short circuit protection and over current protection

Advantages
- Excellent compatibility with major brand control system
- Built-in MCU (Micro controller unit), support both log curve and linear dimming (switchable)
- Secondary-level structure, output ripple current less 3%
- Output short circuit protection and over current protection
- Security isolation, provide security level
- Dimming depth 1%, dimming range 1% to 100%
- Load range 10%-100%

LED Power Amplifier
Phase-Cut

Wiring Diagram

Features
- Increase master controller or dimmer load capacity
- Standard 35 mm din rail, convenient installation
- Accept leading edge (Phase-Cut) and trailing edge (ELV)

Advantages
- Pioneer of power amplifier with multi-channel and high power
- Provide perfect solution to phase cut dimmer and master controller under loading
- Ensure the dimming effect consistent before and after using power amplifier

Triac/ELV Master Controller

Features
- Dimming brightness difference can be adjusted by adjustable resistance
- Over current and short circuit protection. Power LED to indicate dimmer current status
- 0-100% brightness control, smooth dimming curve with no flicker

Advantages
- No flicker in HD recording
- Controlled by PWM (Pulse-Width Modulation), no change color rendering index

Apply lamps and lanterns
- Downlight
- Par. Light
- Spotlight
- Ceiling Light
- Backshelf light
- Floor light
- Track light
- Flood light

Item No. | Input Voltage (VAC) | Output Current (VDC) | Output Power (W) | Dim Mode | D.W. (g) | Size (mm)
---|---|---|---|---|---|---
EUP01T-1HMC-0 | 100-240 | 280/350/450mA*1 | 9-45 | 10 | Phase-Cut | 150 | 137*82*31
PUP01T-1LMC-0 | 100-240 | 10A*1 | 1100 (110V) / 2200 (220V) | 9-42 | 30 | EUP20T-1HMC-0 | 130 | 167*52*24
EUP01T-1HMC-0-200 | 200-240 | 220/240/300mA*1 | 9-40 | 10 | Phase-Cut | 125 | 160*43*292
EUP01T-1HMC-0-350 | 200-240 | 350/450/500mA*1 | 9-40 | 15 | Phase-Cut | 125 | 160*43*292
EUP01T-1HMC-0-500 | 200-240 | 550/650/700mA*1 | 9-40 | 20 | Phase-Cut | 150 | 160*43*292

Item No. | Input Voltage (VAC) | Output Current (VDC) | Output Power (W) | Dim Mode | D.W. (g) | Size (mm)
---|---|---|---|---|---|---
EUP01T-1HMC-0-100 | 100-240 | 120/150/180mA*1 | 9-40 | 10 | Phase-Cut | 125 | 160*43*29
PUP01T-1LMC-100 | 100-240 | 10A*1 | 1100 (110V) / 2200 (220V) | 9-42 | 30 | EUP20T-1HMC-0 | 130 | 167*52*24
EUP01T-1HMC-0-200 | 200-240 | 220/240/300mA*1 | 9-40 | 10 | Phase-Cut | 125 | 160*43*292
EUP01T-1HMC-0-350 | 200-240 | 350/450/500mA*1 | 9-40 | 15 | Phase-Cut | 125 | 160*43*292
EUP01T-1HMC-0-500 | 200-240 | 550/650/700mA*1 | 9-40 | 20 | Phase-Cut | 150 | 160*43*292

Item No. | Input Voltage (VAC) | Output Current (VDC) | Output Power (W) | Dim Mode | D.W. (g) | Size (mm)
---|---|---|---|---|---|---
EUP01T-1HMC-0-120 | 100-240 | 120/150/180mA*1 | 9-40 | 10 | Phase-Cut | 125 | 160*43*29
PUP01T-1LMC-120 | 100-240 | 10A*1 | 1100 (110V) / 2200 (220V) | 9-42 | 30 | EUP20T-1HMC-0 | 130 | 167*52*24
EUP01T-1HMC-0-200 | 200-240 | 220/240/300mA*1 | 9-40 | 10 | Phase-Cut | 125 | 160*43*292
EUP01T-1HMC-0-350 | 200-240 | 350/450/500mA*1 | 9-40 | 15 | Phase-Cut | 125 | 160*43*292
EUP01T-1HMC-0-500 | 200-240 | 550/650/700mA*1 | 9-40 | 20 | Phase-Cut | 150 | 160*43*292

Item No. | Input Voltage (VAC) | Output Current (VDC) | Output Power (W) | Dim Mode | D.W. (g) | Size (mm)
---|---|---|---|---|---|---
EUP01T-1HMC-0-370 | 200-240 | 350/450/500mA*1 | 9-40 | 15 | Phase-Cut | 125 | 160*43*292
PUP01T-1LMC-370 | 200-240 | 10A*1 | 1100 (110V) / 2200 (220V) | 9-42 | 30 | EUP20T-1HMC-0 | 130 | 167*52*24
EUP01T-1HMC-0-530 | 200-240 | 550/650/700mA*1 | 9-40 | 20 | Phase-Cut | 150 | 160*43*292
PUP01T-1LMC-530 | 200-240 | 10A*1 | 1100 (110V) / 2200 (220V) | 9-42 | 30 | EUP20T-1HMC-0 | 130 | 167*52*24
EUP01T-1HMC-0-690 | 200-240 | 650/750/850mA*1 | 9-40 | 20 | Phase-Cut | 150 | 160*43*292
PUP01T-1LMC-690 | 200-240 | 10A*1 | 1100 (110V) / 2200 (220V) | 9-42 | 30 | EUP20T-1HMC-0 | 130 | 167*52*24
EUP01T-1HMC-0-850 | 200-240 | 850/1000mA*1 | 9-40 | 20 | Phase-Cut | 150 | 160*43*292
PUP01T-1LMC-850 | 200-240 | 10A*1 | 1100 (110V) / 2200 (220V) | 9-42 | 30 | EUP20T-1HMC-0 | 130 | 167*52*24
EUP01T-1HMC-0-1000 | 200-240 | 1000mA*1 | 9-40 | 20 | Phase-Cut | 150 | 160*43*292
PUP01T-1LMC-1000 | 200-240 | 10A*1 | 1100 (110V) / 2200 (220V) | 9-42 | 30 | EUP20T-1HMC-0 | 130 | 167*52*24

Item No. | Input Voltage (VDC) | Output Current (VDC) | Output Power (W) | Dim Mode | D.W. (g) | Size (mm)
---|---|---|---|---|---|---
DIM105 | 12-24 | 15/4*1 | 180-360 | Phase-Cut | 40-220 | 14% | 167*52*24
**Instruction Manual Push/Rotary LED Dimmer**

**Features**
- Suitable for both retrofit and new installations
- Use only two wire connection - no neutral required
- Soft-start for lamp and driver life
- Inbuilt overload, short-circuit, over current, over temperature protection

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input Voltage (VAC)</th>
<th>Load range (W)</th>
<th>Dim Mode</th>
<th>G.W.</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walldim107</td>
<td>220-240</td>
<td>5-150</td>
<td>Phase-Cut</td>
<td>140</td>
<td>63<em>39</em>44</td>
</tr>
<tr>
<td>Walldim108</td>
<td>220-240</td>
<td>10-150</td>
<td>Phase-Cut</td>
<td>140</td>
<td>5.5<em>23</em>23</td>
</tr>
</tbody>
</table>

**Features**
- Support Leading edge (Phase-Cut) and Trailing edge (ELV) dimming power supply, incandescent, etc.
- High flame retardant material, high temperature resistance impact
- Elegant, easy to operate, with fashionable and elegant appearance
- Can directly replace the existing wall switch

<table>
<thead>
<tr>
<th>Advantages</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Compatible with EUCHIPS drivers, smooth dimming curve and no flicker</td>
</tr>
<tr>
<td>- Convenient wiring without removing shell, compatible electric box for countries</td>
</tr>
<tr>
<td>- Multi-function and support Leading edge (Phase-Cut) and Trailing edge (ELV) dimming</td>
</tr>
</tbody>
</table>

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**Instruction Manual Rotary Dimmer Switch**

**Features**
- Suitable for both retrofit and new installations
- Use only two wire connection - no neutral required
- Soft-start for lamp and driver life
- Inbuilt overload, short-circuit, over current, over temperature protection

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input Voltage (VAC)</th>
<th>Load range (W)</th>
<th>Dim Mode</th>
<th>G.W.</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walldim107</td>
<td>220-240</td>
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<td>220-240</td>
<td>10-150</td>
<td>Phase-Cut</td>
<td>140</td>
<td>5.5<em>23</em>23</td>
</tr>
</tbody>
</table>

**Features**
- Active compensation
- Wired input voltage 100-240VAC
- Suitable for TRIAC circuit load compensation

---

**SCR Dimming Compensator**

**Features**
- Active compensation
- Wired input voltage 100-240VAC
- Suitable for TRIAC circuit load compensation

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input Voltage (VAC)</th>
<th>Power (Typical)</th>
<th>Current (Typical)</th>
<th>O.W.</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triac Bleder 1801</td>
<td>100VAC - 240</td>
<td>36W/715</td>
<td>37mA/1710</td>
<td>15</td>
<td>73<em>18</em>26</td>
</tr>
</tbody>
</table>

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**Instruction Manual Push/Rotary LED Dimmer**
Euchips’ 0-10V/1-10V dimmable drivers solve the compatible problem between fluorescent lamps and LED lamps very successfully. They are widely used with various of capacity dimming system to control the LED ceiling lights, LED downlights, LED panel lights, LED wallwashers, LED strip lights and so on. Our 0-10V/1-10V dimmers support both linear and logarithmic dimming curve, dimming the lights very smoothly and are compatible with various famous lighting control systems, such as Lutron, Dynalite, Schneider, Clipsal, Osram, Philips, ABB and so on.

Restaurant lighting control solution
Constant Voltage Dimmer Series

- Smooth dimming curve, flicker-free
- Customized Dimming curve, improving dimming effect
- No minimum load requirement
- Can be used as normal driver when signal suspending.
- Short circuit/ Over voltage/ Over load protection

Constant Voltage Analog Dimmer Series (Tunable White)

- PWM digital dimming way, do not change color rendering index(CRI)
- With MCU built-in, can be customized linear or logarithmic dimming curve
- Supporting 3-in-1 dimming way(0-10V active signal/PWM signal/adjustable resistor)
- LED can start at 1%, 1-100% full dimming range

Features

- Smooth dimming curve, flicker-free
- Customized Dimming curve, improving dimming effect
- No minimum load requirement
- Can be used as normal driver when signal suspending.
- Short circuit/ Over voltage/ Over load protection

Advantages

- PWM digital dimming way, do not change color rendering index(CRI)
- With MCU built-in, can be customized linear or logarithmic dimming curve
- Supporting 3-in-1 dimming way(0-10V active signal/PWM signal/adjustable resistor)
- LED can start at 1%, 1-100% full dimming range

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input Voltage</th>
<th>Product No.</th>
<th>Output Current</th>
<th>Output Voltage</th>
<th>Output power</th>
<th>Dim Mode</th>
<th>G.W.</th>
<th>Size mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUP12A-1H12V-1</td>
<td>1-10V</td>
<td>1032000002101</td>
<td>121*A</td>
<td>12</td>
<td>12</td>
<td>0/1-10</td>
<td>85</td>
<td>103<em>58</em>25</td>
</tr>
</tbody>
</table>

Standard

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product No.</th>
<th>Input Voltage</th>
<th>Output Current</th>
<th>Output Voltage</th>
<th>Output power</th>
<th>Dim Mode</th>
<th>G.W.</th>
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<tr>
<td>EUP12A-1H12V-1</td>
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<td>12</td>
<td>0/1-10</td>
<td>85</td>
<td>103<em>58</em>25</td>
</tr>
</tbody>
</table>

Compatible with MR16
**0/1-10V Constant Voltage Dimmable Drivers**

**Description**
Our drivers work effectively with Lutron, DAUTEK master controller, supporting both 0-1-10V active dimming way and 1-10V passive dimming way, with smooth dimming curve and no flicker free. They are widely used in dimming the brightness of various kinds of constant voltage luminaries, such as LED strip, MR16, etc. With full dimming range of 0-100% according to the 0-10V output signals.

Added function of Short circuit protection, over voltage protection and over load protection.

**Features**
- Smooth dimming curve, flicker-free
- Customized dimming curve, improving dimming effect
- No minimum load requirement
- Can be used as normal driver when signal suspending
- Short circuit/ over voltage/ over load protection

**Advantages**
- PWM digital dimming way, do not change color rendering index(CRI)
- With MCU built-in, can be customized linear or logarithmic dimming curve
- Supporting 5-in-1 dimming way(0-10V active signal/PWM signal/adjustable resistor)
- LED can start at 1%, 1-100% full dimming range

**Description**

0/1-10V dimming options can be used for DC constant voltage LED lamps.

**Features**
- Wide input voltage range: 100 - 240 volts, PF = 0.95
- The die-casting shell is integrally formed, and the product meets the structural requirements of Class I power supply
- Adopting high quality potting compound with scientific proportion, the protection grade is as high as IP67
- High Protection level

**Advantages**
- High reliability
- Long life
- High efficient
- Complete protection function
- Low input surge current
- Customized Dimming curve, improving dimming effect
- PWM digital dimming way, do not change color rendering index(CRI)
- With MCU built-in, can be customized linear or logarithmic dimming curve
- Supporting 5-in-1 dimming way(0-10V active signal/PWM signal/adjustable resistor)
- LED can start at 1%, 1-100% full dimming range

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**Premium Product No.**

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>1-10V</td>
<td>460</td>
<td>EUP75A-1H24V</td>
<td>100-240</td>
<td>3.1A</td>
<td>24</td>
<td>75</td>
<td>460</td>
<td>210W</td>
<td>0/1-10</td>
<td>750</td>
<td>210W</td>
</tr>
<tr>
<td>1-10V</td>
<td>480</td>
<td>EUP96A-1H24V</td>
<td>100-240</td>
<td>3.1A</td>
<td>24</td>
<td>75</td>
<td>480</td>
<td>242W</td>
<td>0/1-10</td>
<td>150</td>
<td>242W</td>
</tr>
<tr>
<td>1-10V</td>
<td>500</td>
<td>EUP100A-1H24V</td>
<td>100-240</td>
<td>3.1A</td>
<td>24</td>
<td>75</td>
<td>500</td>
<td>242W</td>
<td>0/1-10</td>
<td>103</td>
<td>242W</td>
</tr>
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<td>1-10V</td>
<td>520</td>
<td>EUP120A-1H24V</td>
<td>100-240</td>
<td>3.1A</td>
<td>24</td>
<td>75</td>
<td>520</td>
<td>242W</td>
<td>0/1-10</td>
<td>150</td>
<td>242W</td>
</tr>
</tbody>
</table>

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**Ultra-Thin Waterproof Dimming Driver 0/1-10V**

**Features**
- Wide input voltage range: 100 - 240 volts, PF = 0.95
- The die-casting shell is integrally formed, and the product meets the structural requirements of Class I power supply
- Adopting high quality potting compound with scientific proportion, the protection grade is as high as IP67
- Supporting 5-in-1 dimming way(0-10V active signal/PWM signal/adjustable resistor)
- LED can start at 1%, 1-100% full dimming range
- High Protection level

**Advantages**
- High reliability
- Long life
- High efficient
- Complete protection function
- Low input surge current
- Low output ripple noise
- High Protection level

---

**HG**
### Constant Current Dimmable Drivers 0/1-10V

#### Description

Our constant current dimmable drivers are widely used in various indoor LED illumination, such as LED current constant spot light, down lights, panel lights. Single channel output, switchable output current level, supporting 1-10V dimming way, 0-240V wide voltage input, AC-DC high effectiveness. With active PFC function built-in, our dimmable drivers can be used as normal drivers when signal suspending. Having smooth dimming curve and flicker-free. With short-circuit function, being widely used in various indoor LED illuminations.

#### Features
- Single channel output, switchable output current level
- Supporting 1-10V dimming way, active/passive
- Having active PFC function built-in
- Can be used as normal drivers when signal suspending

#### Advantages
- 3-stage dimming
- With MCU built-in, customized Logarithmic or Linear dimming curve
- Secondary-level structure, less than 3% low-frequency ripple output
- Supporting 1-10V dimming way, active/passive
- Having active PFC function built-in
- With security isolation function, having higher security level
- Can be used as normal drivers when signal suspending
- LED start from 1%, dimming range from 1-100%
- 10%-100% on-load range

#### Constant Voltage Dimmer

#### Description

Mainly used for dimming the brightness of the led strips and LED modules, or use the 1-10V signal to dimming the brightness; suitable for various kinds of led modules.

#### Features
- Support the short circuit, over current protection and alarm function
- Increase delay processing and increase anti-interference
- Support 3-in-1 dimming functions (0-10V /1-10V active signal /Adjustable resistance / PWM)
- Dimming depth is 1%, dimming scale is 1%-100%
- Support 3-in-1 dimming functions (0-10V /1-10V active signal /Adjustable resistance / PWM)

### Table: Constant Current Dimmable Drivers

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product No.</th>
<th>Product pictures</th>
<th>Input Voltage (VAC)</th>
<th>Output Current</th>
<th>Output power (W)</th>
<th>Dim Mode</th>
<th>G.W.</th>
<th>Size</th>
<th>Multifunction Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUP10A-HMC-1</td>
<td>10300300101</td>
<td>1</td>
<td>220-240</td>
<td>120/180/240/300mA*1</td>
<td>9-40</td>
<td>10</td>
<td>0/1-10</td>
<td>125</td>
<td>150<em>41</em>29</td>
</tr>
<tr>
<td>EUP10A-HMC-850</td>
<td>10300300101</td>
<td>6</td>
<td>120-277</td>
<td>350/400/450/500mA*1</td>
<td>650/700mA*1</td>
<td>10</td>
<td>0/1-10</td>
<td>150</td>
<td>150<em>41</em>29</td>
</tr>
<tr>
<td>EUP10A-HMC-1200</td>
<td>10300300101</td>
<td>8</td>
<td>120-277</td>
<td>200/250/300/350mA*1</td>
<td>40</td>
<td>10</td>
<td>0/1-10</td>
<td>150</td>
<td>150<em>41</em>29</td>
</tr>
<tr>
<td>EUP10A-HMC-1450</td>
<td>10300300101</td>
<td>10</td>
<td>120-277</td>
<td>120/180/240/300mA*1</td>
<td>30</td>
<td>10</td>
<td>0/1-10</td>
<td>150</td>
<td>150<em>41</em>29</td>
</tr>
<tr>
<td>EUP35A-1H24C-0</td>
<td>10300300101</td>
<td>4</td>
<td>220-240</td>
<td>1400mA*1</td>
<td>120</td>
<td>10</td>
<td>0/1-10</td>
<td>275</td>
<td>82<em>30</em>21</td>
</tr>
<tr>
<td>EUP35A-1H24C-0</td>
<td>10300300101</td>
<td>6</td>
<td>220-240</td>
<td>1400mA*1</td>
<td>120</td>
<td>10</td>
<td>0/1-10</td>
<td>275</td>
<td>82<em>30</em>21</td>
</tr>
<tr>
<td>EUP35A-1H24C-0</td>
<td>10300300101</td>
<td>8</td>
<td>220-240</td>
<td>1400mA*1</td>
<td>120</td>
<td>10</td>
<td>0/1-10</td>
<td>275</td>
<td>82<em>30</em>21</td>
</tr>
<tr>
<td>EUP35A-1H24C-0</td>
<td>10300300101</td>
<td>10</td>
<td>220-240</td>
<td>1400mA*1</td>
<td>120</td>
<td>10</td>
<td>0/1-10</td>
<td>275</td>
<td>82<em>30</em>21</td>
</tr>
<tr>
<td>EUP35A-1H24C-0</td>
<td>10300300101</td>
<td>12</td>
<td>220-240</td>
<td>1400mA*1</td>
<td>120</td>
<td>10</td>
<td>0/1-10</td>
<td>275</td>
<td>82<em>30</em>21</td>
</tr>
</tbody>
</table>

### Table: Constant Voltage Dimmer

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product No.</th>
<th>Product pictures</th>
<th>Input Voltage (VAC)</th>
<th>Output Current</th>
<th>Output power (W)</th>
<th>Dim Mode</th>
<th>G.W.</th>
<th>Size</th>
<th>Multifunction Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIM-S1L10V-0</td>
<td>10300300101</td>
<td>1</td>
<td>12-24</td>
<td>15A*1</td>
<td>180</td>
<td>10</td>
<td>0/1-10</td>
<td>No Support</td>
<td>100</td>
</tr>
<tr>
<td>DIM-S2L8V-0</td>
<td>10300300101</td>
<td>8</td>
<td>12-24</td>
<td>5A*2</td>
<td>180</td>
<td>10</td>
<td>0/1-10</td>
<td>No Support</td>
<td>100</td>
</tr>
<tr>
<td>DIM119</td>
<td>10300300101</td>
<td>1</td>
<td>12-24</td>
<td>15A*1</td>
<td>180</td>
<td>10</td>
<td>0/1-10</td>
<td>No Support</td>
<td>100</td>
</tr>
<tr>
<td>DIM116 1</td>
<td>10300300101</td>
<td>2</td>
<td>12-24</td>
<td>5A*3</td>
<td>180</td>
<td>10</td>
<td>0/1-10</td>
<td>No Support</td>
<td>141</td>
</tr>
<tr>
<td>Dim151A-DIN</td>
<td>10300300101</td>
<td>1</td>
<td>12-24</td>
<td>15A*1</td>
<td>180</td>
<td>10</td>
<td>0/1-10</td>
<td>Support</td>
<td>80</td>
</tr>
</tbody>
</table>

### Apply lamps and lanterns
- Downlight
- Panel Light
- Spotlight
- Ceiling Light
- Decorative Light
- Floor Light
- Track Light
- Landscape Light
- LED Strip Light
- LED Tube
- Under-ground Light
- MR16 Temura Light
- PAR56
**0/1-10V 0-10V Panel Controller**

**Description**

Walldim series are designed to be high-end, multi-functions touch panel controllers, with characteristics of fashionable and beautiful appearance, compact functions, easy operations, sensitive key touch. It is mainly used with 0-10V dimming controllers. It can realize 0-10V smooth dimming according to different requirements. Usually, the signal input current of our 0-10/1-10 dimmable drivers are less than 1mA, it's easy to calculate the quantity of the dimmable drivers that can connect to our wall dimmers, based on the output signal current of the wall dimmers.

**Features**
- 0-10V dimming mode, dimming curve is smooth
- Touch control buttons, easy operations
- Glass materials, with fashionable and beautiful appearance

**Advantages**
- With wire cut function (WALLDM103E1)
- Conform to the European rules, the installation box is the national standard (except PA112U)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product pictures</th>
<th>Input Voltage (VDC)</th>
<th>Output Channel</th>
<th>Output Current (mA)</th>
<th>Output Signal Channel</th>
<th>G.W.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>WALLDM103E1</td>
<td>1</td>
<td>0/1-10</td>
<td>1</td>
<td>/</td>
<td>150</td>
<td>168<em>39.4</em>30</td>
<td></td>
</tr>
<tr>
<td>WALLDM103E2</td>
<td>2</td>
<td>12-15</td>
<td>2</td>
<td>500mA</td>
<td>0/1-10</td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>WALLDM103E3</td>
<td>4</td>
<td>15-46</td>
<td>1</td>
<td>1500mA</td>
<td>0/1-10</td>
<td>155</td>
<td></td>
</tr>
</tbody>
</table>

**Magnetic guide Driver**

**Features**
- Input 0-10V /1-10 active signal. Adjustable resistance, PWM signals
- With the strong ability of pulling and filling current

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input Voltage</th>
<th>Output Current (mA)</th>
<th>Output Voltage (VDC)</th>
<th>Input Signal</th>
<th>G.W.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMF02A-T5MC</td>
<td>48V</td>
<td>350/500/550/700mA</td>
<td>0-40</td>
<td>0-10</td>
<td>180</td>
<td></td>
</tr>
</tbody>
</table>

**Analog signal amplifier 0/1-10V**

**Features**
- For higher the output power of the synchronized changing signal
- Built with high quality amplification devices, the output capacity reach to 200mA
- Mainly used for the occasion when the master controller's signal is insufficient.

**Advantages**
- Input 0-10V /1-10V active signal. Adjustable resistance, PWM signals
- With the strong ability of pulling and filling current

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input Voltage</th>
<th>Output Current (mA)</th>
<th>Output Power (W)</th>
<th>Input Signal</th>
<th>G.W.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUCE01</td>
<td>0-48VDC</td>
<td>200mA</td>
<td>0-10</td>
<td>0-10V active signal, passive signal, or PWM signal</td>
<td>90</td>
<td>180<em>30</em>40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product No.</th>
<th>Input Voltage (VDC)</th>
<th>Output Current Channel</th>
<th>Output Voltage (VDC)</th>
<th>Output power (W)</th>
<th>Dim Mode</th>
<th>G.W.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMF02A-T5MC</td>
<td>ZS01000001001</td>
<td>48V</td>
<td>350/500/550/700mA</td>
<td>0-40</td>
<td>28</td>
<td>(0/1.1)</td>
<td>180</td>
<td>125<em>45</em>10</td>
</tr>
</tbody>
</table>
**DALI/1-10V**

Five In One Dimming Drivers

Constant Current Dimmable Drivers

**Features**

- Single channel constant current output, selectable multilevel current
- Efficiency 80%
- Active PFC
- Smooth dimming curves, without flick
- Short circuit, overload, over temperature functions
- Suitable for indoor LED lamps, such as LED downlight and panel light.

**Advantages**

- PWM digital dimming, CRI will not be changed.
- Built-in MCU, customized Logarithmic or Linear dimming curve
- Second level of security isolation, output ripple is less than 3%
- Load range 10%-100%
- Support five in one dimming (DALI/1-10V active signal /PWM signal / adjustable resistance/Touch DIM)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product No.</th>
<th>Input Voltage VAC</th>
<th>Output Current Channel</th>
<th>Output Voltage VDC</th>
<th>Output power W</th>
<th>Touch DIM</th>
<th>G.W.</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUP010AD-1HMC-0</td>
<td>100100000101</td>
<td>220-240</td>
<td>200/250/300/350mA*1</td>
<td>9-40</td>
<td>12</td>
<td>Support 120</td>
<td>105<em>45</em>39</td>
<td></td>
</tr>
<tr>
<td>EUP015AD-1HMC-0</td>
<td>100100000102</td>
<td>220-240</td>
<td>350/400/450/500mA*1</td>
<td>9-40</td>
<td>15</td>
<td>Support 120</td>
<td>105<em>45</em>39</td>
<td></td>
</tr>
<tr>
<td>EUP030AD-1HMC-0</td>
<td>100100000103</td>
<td>220-240</td>
<td>550/600/650/700mA/ 800/850/900mA*1</td>
<td>9-45</td>
<td>30</td>
<td>Support 150</td>
<td>105<em>45</em>39</td>
<td></td>
</tr>
</tbody>
</table>

**Apply lamps and lanterns**

- Downlight
- Panel Light
- Spot Light
- Ceiling Light
- Flood Light
- Track Light
- Wall Washer
- LED Strip light
- LED Tube
- Underground Light
- AR111 Venture Light

Constant Voltage Dimmable Drivers

**Features**

- Single channel constant current output, selectable multilevel current
- Efficiency 80%
- Active PFC
- Smooth dimming curves, without flick
- Short circuit, overload, over temperature functions
- Suitable for indoor LED lamps, such as LED downlight and panel light.

**Advantages**

- PWM digital dimming, CRI will not be changed.
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- Second level of security isolation, output ripple is less than 3%
- Load range 10%-100%
- Support five in one dimming (DALI/1-10V active signal /PWM signal / adjustable resistance/Touch DIM)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product No.</th>
<th>Input Voltage VAC</th>
<th>Output Current Channel</th>
<th>Output Voltage VDC</th>
<th>Output power W</th>
<th>Touch DIM</th>
<th>G.W.</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUP12AD-1HMC-0</td>
<td>10010000101</td>
<td>220-240</td>
<td>200/250/300/350mA*1</td>
<td>9-40</td>
<td>12</td>
<td>Support 120</td>
<td>105<em>45</em>39</td>
<td></td>
</tr>
<tr>
<td>EUP15AD-1HMC-0</td>
<td>10010000102</td>
<td>220-240</td>
<td>350/400/450/500mA*1</td>
<td>9-40</td>
<td>15</td>
<td>Support 120</td>
<td>105<em>45</em>39</td>
<td></td>
</tr>
</tbody>
</table>

**Apply lamps and lanterns**

- Downlight
- Panel Light
- Spot Light
- Ceiling Light
- Flood Light
- Track Light
- Wall Washer
- LED Strip light
- LED Tube
- Underground Light
- AR111 Venture Light

**Hybrid**

**Features**

- Constant Current Dimmable Drivers
- Constant Voltage Dimmable Drivers

**Advantages**

- PWM digital dimming, CRI will not be changed.
- Built-in MCU, customized Logarithmic or Linear dimming curve
- Second level of security isolation, output ripple is less than 3%
- Load range 10%-100%
- Support five in one dimming (DALI/1-10V active signal /PWM signal / adjustable resistance/Touch DIM)

**Power Amplifier**

**Description**

LED power amplifiers offer the users various solutions and are suitable for different situations, with the input voltage of 12-24VDC, they can be used in single color, RGB and RGBW lamps, maximum output power to be 720W. They are also designed with different appearances for various installations.

**Features**

- For the amplification of power of constant voltage LED controllers
- Controlled by PWM (Pulse-Width Modulation)
- Theoretically, limitless LED modules can be connected if many power amplifiers are in cascade connection

**Advantages**

- Constant Current Waterproof NFC Programmable Dimming Driver

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product No.</th>
<th>Input Voltage VDC</th>
<th>Output Current A*Channel</th>
<th>Output Voltage VDC</th>
<th>Output power W</th>
<th>G.W.</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSP15DA-DIN</td>
<td>1</td>
<td>12-24</td>
<td>10A*1</td>
<td>120-240</td>
<td>90</td>
<td>112<em>39</em>39</td>
<td></td>
</tr>
<tr>
<td>RSP5-1A-DIN</td>
<td>1</td>
<td>5A*1</td>
<td>180-360</td>
<td>160</td>
<td>112<em>39</em>39</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSP10</td>
<td>2</td>
<td>12-24</td>
<td>10A*1</td>
<td>120-240</td>
<td>138</td>
<td>185<em>42</em>46</td>
<td></td>
</tr>
<tr>
<td>RSP20</td>
<td>2</td>
<td>12-24</td>
<td>10A*2</td>
<td>180-360</td>
<td>162</td>
<td>185<em>42</em>46</td>
<td></td>
</tr>
<tr>
<td>RSP30</td>
<td>3</td>
<td>12-24</td>
<td>15A*3</td>
<td>215-430</td>
<td>208</td>
<td>210<em>55</em>50</td>
<td></td>
</tr>
<tr>
<td>RSP40</td>
<td>4</td>
<td>12-24</td>
<td>15A*4</td>
<td>200-400</td>
<td>220</td>
<td>180<em>51</em>22</td>
<td></td>
</tr>
<tr>
<td>RSP50</td>
<td>5</td>
<td>12-24</td>
<td>15A*5</td>
<td>360-720</td>
<td>225</td>
<td>50<em>40</em>25</td>
<td></td>
</tr>
</tbody>
</table>
DMX/RDM Series

DMX 512 protocol is a Digital Multiplex protocol developed by USITT, the American Theater Technology Association. Because of its simplicity and practicality, it has been widely recognized by manufacturers and users all over the world since its introduction. More and more manufacturers are producing or adopting DMX 512 digital dimming equipment.

DMX is the abbreviation of Digital Multiplex, meaning multiplex digital transmission. DMX512 control protocol is the industry standard for data transmission between lighting controller and lighting equipment issued by USITT in 1990. Its full name is USITT DMX 512 (1990), including electrical characteristics, data protocol and data format.

Euchips is currently one of the few suppliers in the world to provide a complete set of DMX and RDM solutions. We provide DMX master controller and editing software, sub-controller and DMX power supplies, DMX signal amplifiers, and various signal converters. For example, DMX to relay, DMX to 0-10V, DMX to SCR dimming and other rich product lines. The sub-controllers provide 1 channel dimming, 2 channel color temperature dimming, 3 channel RGB, 4 channel RGBW, 5 channel RGBWW and 8/12/24/32 channel sub-controllers.

Constant voltage low power led strip 200M (but not more than 32 decoders), Constant voltage high power lamp 40M.

Multiple Protection, More Security
- Over Current
- Short Circuit
- Over Temperature

Diversified Output Port
- Connector
- RJ45
- XLR

OLED Screen
OLED screen and four buttons, make the operation more intuitive and more convenient

Can be used as a master
Master mode and sub-control mode can be switched
Can be used to dim single color/CCT/RGB/RGBW/RGBWW
**Description**

PWM constant voltage output, working with DMX control system and mainly used to control kinds of single color or RGB LED strips and constant voltage light sources. Green terminal, RJ45 and XLR interface are optional. Need 12-24VDC external power supply.

**Features**

- Meets DMX512/1990
- 256-level brightness, full-color control
- Works with control system, can express perfect effect
- Can drive 1-4 channel of each lamp
- Can set the DMX address freely
- With anti-interference performance, over-heat and over-current protection, self-recovery function

**Advantages**

- PWM digital dimming, not changing the color rendering index.
- No minimum loading required.
DMX

### Constant Current Decoders

**Description**

PWM constant current output, working with DMX control system and mainly used for kinds of LED down lamps, tracklamps, ceiling lamps and constant current light sources. 12-48VDC input. Setting output currents and other parameters by Nixie tubes and DIP switches.

**Features**

- Multiple output currents are optional
- Can set DMX address freely
- Modular, can be combined with LED lamps flexible
- Over-heat protection, output short circuit protection
- Constant Current Decoders

**Advantages**

- PWM digital dimming, not changing the color rendering index.
- Loading range 10 -100%.

### Product pictures

- **Item No.** PX706
- **Product pictures**
- **Input Voltage** 12-48VDC
- **Output Current** 100/200mA*4
- **Output Voltage Range** 3-42V
- **Address Setting** Button
- **DMX Interface** Connector
- **G.W.** 805
- **Size** 167*75*24.5

- **Item No.** PX707
- **Product pictures**
- **Input Voltage** 12-48VDC
- **Output Current** 350-1600mA*4
- **Output Voltage Range** 1-42V
- **Address Setting** Button
- **DMX Interface** Connector
- **G.W.** 350
- **Size** 135*81*56

- **Item No.** PX708
- **Product pictures**
- **Input Voltage** 12-48VDC
- **Output Current** 350/500/700mA*4
- **Output Voltage Range** 1-42V
- **Address Setting** Button
- **DMX Interface** Connector
- **G.W.** 90
- **Size** 112*57*67

### Signal Splitter

**Description**

DMX splitter is mainly used for amplifying the DMX512 digital lighting control signal, also it can make the signal isolation to guarantee the reliability of the whole control system. When the distance between DMX master and first decoder /driver is more than 40m, quantity of DMX decoders/drivers is over 32 pieces, distance between decoders/drivers more than 40m, DMX splitter is needed.

**Feature**

- Integrates signal isolation and relay functions
- Input and output signal are electrically isolated from each other, which can easily avoid the damage of electrical equipment interface - RS-485

**Advantages**

- Accurate dimming color
- Electrical isolation
- Stable signal transmission

### Product pictures

- **Item No.** DMX512
- **Product pictures**
- **Input Voltage** 12-24V
- **Transmission** DMX
- **Input Channel** 1
- **Isolated Output** 2
- **G.W.** 805
- **Size** 112*92*40

- **Item No.** DMX515
- **Product pictures**
- **Input Voltage** 12-24V
- **Transmission** DMX
- **Input Channel** 1
- **Isolated Output** 1
- **G.W.** 220
- **Size** 123*92*45

- **Item No.** DMX-104
- **Product pictures**
- **Input Voltage** 80-240V
- **Transmission** DMX
- **Input Channel** 3
- **Isolated Output** 4-6 non-isolated
- **G.W.** 750
- **Size** 180

- **Item No.** DMX-108
- **Product pictures**
- **Input Voltage** 80-240V
- **Transmission** DMX
- **Input Channel** 3
- **Isolated Output** 8 isolated +1 non-isolated
- **G.W.** 2000
- **Size** 483*250*46

### Constant Voltage Drivers

**Description**

PWM constant voltage output, working with DMX control system and mainly used to kinds of single color or RGB LED strips and constant voltage light sources. 100-240AC input, external power supplies are not needed.

**Features**

- Works with control system, with perfect effect
- Can set the DMX address freely
- Uses touchable color ring remote control, easy to operate
- With anti-interference performance, over-heat and over-current protection, self-recovery function

**Advantages**

- High voltage power supply without external power supply
- Accurate dimming color

### Product pictures

- **Item No.** EUP101M-1HV-1C-0
- **Product pictures**
- **Input Voltage** VAC
- **Output Current** Channel 1
- **Output Voltage Range** 20V
- **G.W.** 110
- **Size** 110*43*26

- **Item No.** EUP101M-1HWC-0
- **Product pictures**
- **Input Voltage** VAC
- **Output Current** Channel 2
- **Output Voltage Range** 100-240V
- **G.W.** 220
- **Size** 130*82*31

- **Item No.** EUP152M-2HV-2C-0
- **Product pictures**
- **Input Voltage** VAC
- **Output Current** Channel 3
- **Output Voltage Range** 3.15A
- **G.W.** 135
- **Size** 190*70*40

- **Item No.** EUP152M-3HV-3C-0
- **Product pictures**
- **Input Voltage** VAC
- **Output Current** Channel 4
- **Output Voltage Range** 2.08A
- **G.W.** 150
- **Size** 190*70*40
## Features
- Meets DMX512/1990
- W2 DMX Channels PC or Stand Alone
- USB 2.0 connection program by software
- Various Output Interface XLR-3 / RJ45 / Green Terminal
- SD card of internal memory
- Default scene triggering when power up
- Stand-alone Memory capacity 5000 steps to 103 steps
- Compatible with any DMX fixture and DMX LED driver
- Euchips X-DMX software compatible

## Signal Converter
Euchips signal converter can transform them to same signal.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input Voltage</th>
<th>Protocol</th>
<th>DMX Channels</th>
<th>Operation Mode</th>
<th>Connection</th>
<th>Software</th>
<th>G.W.</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMX-02</td>
<td>5</td>
<td>SPI</td>
<td>512</td>
<td>Stand Alone</td>
<td>80mA, Green Terminal</td>
<td>Euchips X-DMX</td>
<td>285</td>
<td>107<em>70</em>36</td>
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<td>Stand Alone</td>
<td>80mA, Green Terminal</td>
<td>Euchips X-DMX</td>
<td>285</td>
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</tr>
</tbody>
</table>

## Description
DMX-X01 DMX-X02 DMX-X03 are a series of full-color LED DMX control systems which focuses on indoor and outdoor decorative lighting, which can be used stand alone or with computer. It comprises scene-edit software. You can edit various lighting effects by downloading the program which edit according to your special requirement from your PC. The control system can fulfill 256 grey levels for each R,G,B color, totally 16.77 million real full-color. The software has been developed specially for architectural lighting and features easy to use effects which can be dropped onto timelines, along with multi-zone and synchronization allowing you to program a project with multiple rooms and areas with ease.

### DMX-X01 DMX-X02 DMX-X03
- **Features**
  - Meet DMX512/1990 Protocol
  - Support SPI chips WS2811B, WS2811F, WS2812, LPD6803, MB8020, UCS2903 etc

### Item No. Input Voltage Protocol DMX Channels Operation Mode Connection Software G.W. Size (mm)
<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input Voltage</th>
<th>Protocol</th>
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<tbody>
<tr>
<td>DMX-002</td>
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<td>SPI</td>
<td>256</td>
<td>Stand Alone</td>
<td>80mA, Green Terminal</td>
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<td>107<em>70</em>36</td>
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<td>80mA, Green Terminal</td>
<td>Euchips X-DMX</td>
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<th>G.W.</th>
<th>Size (mm)</th>
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<td>RJ45</td>
<td>128</td>
<td>Stand Alone</td>
<td>RJ45, Green Terminal</td>
<td>Euchips X-DMX</td>
<td>187.6<em>97</em>32</td>
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<tr>
<td>DMX-002</td>
<td>12</td>
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</table>
DMX E Series Touch Panel Controllers

Description
Meets with DMX512 (1990): international standard protocol, with fashionable glass panel, ergonomic concave touch ring, up to 16 channels to control the RGB lights and with 4 customized scenes, can meet most customer’s requests.

Features
- Meets DMX512 (1990) international standard protocol
- High precision touch sensitive keys and dimming ring
- Power cut memory function

Advantages
- RGBW4 Channels Dimming
- Built-in 32 color modes

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Protocol</th>
<th>Function</th>
<th>Area</th>
<th>Scene</th>
<th>Dimmer</th>
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<td>DMX-E01</td>
<td>DMX512 / 1990</td>
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<td>4 16</td>
<td>Brightness Adjust</td>
<td>110 86<em>86</em>10</td>
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<td>DMX512 / 1990</td>
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<td>4 12</td>
<td>Color Temp. Adjust</td>
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<td>DMX512 / 1990</td>
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<td>4 16</td>
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</table>

Touch Panel Controllers

Description
With a stylish glass panel that can be installed on any walls easily. Supports stand alone mode, up to 512 * 2-channel, can adjust scenes, speed or brightness based on the user’s real-time applications, Support PC software pre-effect editing.

Features
- Use tempered glass material, stylish appearance
- Sensitive keys, lively LCD screen
- USB or Ethernet connection, programmable by PC software
- 4 external dry contacts can trigger 15 scenes
- Wall mounted

Advantages
- Using ultra high hardness tempered glass panels
- Support play text, pictures, and animation effects.
- S32*2 DMX channels in online mode.
- Support automatic timing playback at any time.
- Supports multiple device cascade, achieve synchronous control.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Protocol</th>
<th>Input Voltage</th>
<th>Protocol</th>
<th>DMX Channels</th>
<th>Operation Mode</th>
<th>Software</th>
<th>G.W.</th>
<th>Size</th>
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<tr>
<td>DMX-P08</td>
<td>12VDC</td>
<td>DMX512 / 1990</td>
<td>124</td>
<td>PC+Stand Alone</td>
<td>USB-Ethernet</td>
<td>Buhlips X-DMX</td>
<td>510</td>
<td>146<em>106</em>11</td>
</tr>
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<td>DMX-P09</td>
<td>12VDC</td>
<td>DMX512 / 1990</td>
<td>124</td>
<td>PC+Stand Alone</td>
<td>USB-Ethernet</td>
<td>Buhlips X-DMX</td>
<td>510</td>
<td>146<em>106</em>11</td>
</tr>
</tbody>
</table>

RDM Stand Alone Controller

Description
Complies with RDM international standard protocol and be matched with software to scan RDM devices. Display initial address and read the parameters of devices. The software can edit the lighting changing effects, set the scenes and other advanced functions.

Features
- LCD screen displays the current state
- Buttons support long-press, short-press and anti-share operations
- 256 levels of grey, totally 16.77 million colors, really full color
- Built-in 30 kinds of fixed modes, leave 5 kinds of custom modes for users to edit
- Automatic parameter memory

Advantages
- Reserve a 3-wire input terminal, can communicate with the glass panel to do customize control
- Modify the address online, standard DMX bi-directional communication
- Built-in 50 kinds of fixed modes, leave 5 kinds of customized modes for users to edit
Euchips has introduced some LED drivers with ETL/UL standard, which cover the current mainstream dimming methods like DALI, Triac and 0/1-10V.

Euchips has a mature dimming solution after 14 years of development.

DALI series. Euchips is a member of DALI organization. The products are strictly in accordance with the international general standards of IEC62386, IEC62386-207 (DT6) and IEC62386-209 (DT8). The product supports color control, covering RGB and color temperature, and can widely used in education, office, hospital, retail and other occasions. This increased color control provides architects with more options to use DALI products to control the color and brightness of each room in the building.

Triac (Phase dimming) series. We’re continue to innovate, put dimming performance in the first place, compatibility continues to improve, products support [PFC & RPC] edge dimming, adjustable dimming curve, compatible with more than 80% of the knobs and systems on the market.

PS. PFC: Forward phase control; RPC: Reverse phase control.

0-10V/1-10V dimmable drivers solve the compatible problem between fluorescent lamps and LED lamps very successfully. They are widely used with various capacity dimming system to control the LED ceiling lights, LED downlights, LED panel lights, LED washers, LED strip lights and so on. Our 0-10V/1-10V dimmers support both linear and logarithmic dimming curve, dimming the lights very smoothly and are compatible with various famous lighting control systems, such as Lutron, Dynalite, Schneider, Clipsal, Doraiz, Philips, ABB and so on.
Universal LED Drivers

DALI Constant Current LED Driver

Features
- Single channel output, output current level selectable by DIP S.W.
- Support DALI dimming function
- Push Dim (Touch Dim) function (D model)
- Input voltage of 120VAC - 277VAC
- Dimming range 0-100%, Dimming effect smooth, no flicker
- Protections: Short circuit, over load, over voltage

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product No.</th>
<th>Product pictures</th>
<th>Input Voltage (VAC)</th>
<th>Output Current Channel (W)</th>
<th>Output Voltage (VDC)</th>
<th>Output Power (W)</th>
<th>Touch/Dim</th>
<th>G.W.</th>
<th>Size mm</th>
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<td>120-277</td>
<td>1</td>
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<td>75/38/28.5</td>
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<tr>
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<td>120-277</td>
<td>1</td>
<td>2-21</td>
<td>10</td>
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<td>75/38/28.5</td>
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<td>9-47</td>
<td>40</td>
<td>Support</td>
<td>260</td>
<td>121/44/26.5</td>
</tr>
</tbody>
</table>

Phase-Cut Constant Current LED Driver

Features
- Single channel output, output current level selectable by DIP S.W.
- Support Loading edge (Triac) and Trailing edge (ELV) dimmer
- Dimming range from 10% to 100VAC
- Built-in active PFC function
- Class 2 power supply, Full protective plastic housing
- Dimming effect smooth, no flicker
- Protections: Short circuit, over load, over voltage
- Suitable for indoor LED lighting application, such as down light, spotlights, panel light, and so on

<table>
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<tr>
<th>Item No.</th>
<th>Product No.</th>
<th>Product pictures</th>
<th>Input Voltage (VAC)</th>
<th>Output Current Channel (W)</th>
<th>Output Voltage (VDC)</th>
<th>Output Power (W)</th>
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<td>Phase-Cut/EU</td>
<td>260</td>
<td>121/44/26.5</td>
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</table>

Universal LED Drivers

Phase-Cut Constant Voltage LED Drivers

<table>
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<tr>
<th>Item No.</th>
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<th>Output Current Channel (W)</th>
<th>Output Voltage (VDC)</th>
<th>Output Power (W)</th>
<th>Dim Mode</th>
<th>G.W.</th>
<th>Size mm</th>
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<td>56</td>
<td>Phase-Cut/12V</td>
<td>700</td>
</tr>
</tbody>
</table>

0/1-10V Constant Current LED Driver

Features
- Single channel output, switchable output current level
- Supporting 0-10V dimming way, active/passive
- Having active PFC function built-in
- Can be used as normal drivers when signal suspending

<table>
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<th>Item No.</th>
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<th>Output Voltage (VDC)</th>
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<th>G.W.</th>
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0/1-10V Constant Voltage LED Drivers

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</table>
Universal LED Drivers

0/1-10V Constant Current LED Driver

Features
- Isolated Constant LED Driver
- Dimming signal isolation
- Flicker < 30%
- Optional Power/1CT switch adjust
- Optional input Voltage range application
- 0-10V/0-100K/10VPWM Dimming
- High Current Accuracy
- High Efficiency, high PF, LOW THDi
- High reliability

Application
- Over load, short circuit and open protection

| Item No. | Product No. | Input Voltage | Output Current | Output Voltage | Output power | Dim Mode | G.W. | Size
<table>
<thead>
<tr>
<th></th>
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<td>27-42V</td>
<td>48.3</td>
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Apply lamps and lanterns

Downlight
Panel Light
Spotlight
Ceiling Light
Decorative Light
Flush Light
Track Light
Floor Light

Universal LED Drivers

0/1-10V Constant Current LED Driver

Features
- Isolated Constant LED Driver
- Dimming signal isolation
- Free Flicker
- Optional Power/CCT switch adjust
- Optional input Voltage range application
- Optional Auxiliary DC12V supply
- 0-10V/0-100K/10VPWM Dimming
- High Current Accuracy
- Over load, short circuit and open protection

| Item No. | Product No. | Input Voltage | Output Current | Output Voltage | Output power | Dim Mode | G.W. | Size
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Apply lamps and lanterns

Downlight
Panel Light
Spotlight
Ceiling Light
Decorative Light
Flush Light
Track Light
Floor Light
Waterproof LED Street Light Driver Series

NFC Programmable

When you want to change the current, you can choose it accordingly through APP.

100,000 hours Life
Waterproof Rating: IP67
0-10V/PWM/Time/DALI Optional
Maximum power up to 400W
10KV Surge Protection
Constant Power Output
NFC Programmable
CCC / CB / CE Certification
### Constant Current NFC Programmable

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input Voltage Range / Vac</th>
<th>Output Power / Watt</th>
<th>Output Voltage Range / Vdc</th>
<th>Full Power Settable Current Range / mA</th>
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</tbody>
</table>

**Features**
- Great Surge Immunity: 10kV
- 0-10V/PWM/Time/0mA Dimmable
- Dim Off with 0.5W Standby
- 12V 300mA Optional Power
- Input Over Voltage Protection (Optional)
- IP67 waterproof grade

**Advantages**
- Change current by NFC programmer, no power supply needed
- 10kV surge level
- PWM digital dimming, flicker free
- CE/CB/CCC certification

**Apply lamps and lanterns**
- Downlight
- Panel Light
- Spotlight
- Ceiling Light
- Decorative Light
- Flood Light
- Track Light
- Pendant Light


### Constant Voltage LED Drivers

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input Voltage Range / Vac</th>
<th>Output Power / Watt</th>
<th>Output Voltage Range / Vdc</th>
<th>Output Current Range / A</th>
<th>Dimension (L<em>W</em>H)mm</th>
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<td>50</td>
<td>114 - 258</td>
<td>131<em>67.5</em>33.5</td>
<td></td>
</tr>
</tbody>
</table>

**Features**
- 0-10V/PWM/Time/0mA Dimmable
- 2% Minimum Dimming Output
- Dim Off with 0.5W Standby
- 12V 300mA Optional Power
- IP67 waterproof grade

**Advantages**
- 10kV surge level
- The maximum power is 400W
- PWM digital dimming, flicker free
- CE/CB/CCC certification
Ultra-Thin Waterproof Driver

Wide voltage input, suitable for regional grid voltage
- Power factor correction, high power factor correction energy saving
- Isolated output, completely isolated from power grid, high safety
- Suitable for harsh environment and operating environment -25℃ - 50℃ IK09 protection level
- Against lightning, high-voltage shock (depend on its power) and overload, short circuit and over temperature protection functions
- Supports phase-cut, DALI, 0-10V dimming mode options
- Comply with CCC, CE, UL and other certification standards
- Efficiency of the whole machine can reach 91%
- High power factor and low ripple current up to 99% of PFC can effectively suppress interference to peripheral devices
- With multiple protection of overvoltage, open circuit, short circuit and overheat
- Restrains the transient current design and effectively reduce the starting current
- Low output ripple noise
- Meet IP67 protection level and RoHS environmental protection standard
- Electromagnetic compatibility complies with EN 55015
- Support dimming options (Phase-cut / 0 - 10V / PWM / Dali)
- For advertising signs, ultra-thin light box, outdoor lighting, LED lamps such as LED stripes and LED bands
- Wide voltage input, suitable for regional grid voltage
- Power factor correction, high power factor correction energy saving
- Isolated output, completely isolated from power grid, high safety
- Suitable for harsh environment and operating environment -25℃ - 50℃ IK09 protection level
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- Support dimming options (Phase-cut / 0 - 10V / PWM / Dali)
- For advertising signs, ultra-thin light box, outdoor lighting, LED lamps such as LED stripes and LED bands

1. High reliability, ultra-thin, small size and long service life
2. The efficiency of the whole machine can reach 91%
3. High power factor and low ripple current up to 99% of PFC can effectively suppress interference to peripheral devices
4. With multiple protection of overvoltage, open circuit, short circuit and overheat
5. Restrains the transient current design and effectively reduce the starting current
6. Low output ripple noise
7. Meet IP67 protection level and RoHS environmental protection standard
8. Electromagnetic compatibility complies with EN 55015
9. Support dimming options (Phase-cut / 0 - 10V / PWM / Dali)
Ultra-Thin Waterproof Driver

Features
- Wide input voltage range (100 - 240VAC, 50 - 60Hz)
- The die-casting shell is integrally formed, and the product meets the structural requirements of Class II power supply.
- Adapting high-quality circuit components with scientific properties, the protection grade as high as IP67.
- With overvoltage, short circuit, over voltage, over temperature and other protection functions, and can automatically recover after the fault is removed.
- Comply with CE/CB/ROHS/SAA/REACH/CCC and other certification requirements.
- Built-in 2kV~10kV lightning protection circuit (depending on the product power).
- Ambient temperature range: -25° C ~ +50° C.
- Five-years warranty.

Advantages
- High reliability
- Long life
- High efficiency
- Complete protection function
- Low input surge current
- Low output ripple ratio
- High protection level.

Slim LED Drivers

Features
- Protection class: IP65.
- Protection type: short circuit, over voltage, over current
- Life-span: 30,000h @ 50°C.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product pictures</th>
<th>Input Voltage (VDC)</th>
<th>Output Current</th>
<th>Output Current (A)</th>
<th>Channel</th>
<th>Input Power (W)</th>
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</table>

Applicable and lanterns
- Wall Washer
- LED Strip Lights
- LED Tube Light
- Underground Light
- MR16 Fitting Light
- HPS
The wireless series LED controller integrates Euchips’ 10 years of research and development experience, adopts advanced 433 MHz remote control technology, fusion of 2.4g wireless signals, with strong wireless signal penetration, excellent high-gray-level performance, soft and delicate dimming effect, and rich and colorful dynamic changes. With creative design and extremely high cost performance ratio, it brings the customer a humanized use experience.

At present, the developed wireless series products include 433 MHz controller, bluetooth controller, 2.4g controller and wireless remote controller series, which are widely used in LED dimming, color temperature dimming and RGB control to meet the multi-directional dimming requirements of different customers.

It is worth mentioning that Euchips’ unique mobile app application software can be flexibly applied to the control of various LED lighting fixtures.

Multi-Pairing

With different functions, the remote controls can be paired with the same receiver, select what you want.
Description
It is mainly used for dimming of constant current lamps and lanterns, with a variety of current options, a maximum power of 40W, 2.4G control, and a brightness of 1 - 100% without stroboscopic effect.

Features
- Adjust the brightness of LED lights by remote controls
- With over-current and short-circuit protection functions.
- The maximum effective transmission distance is 20m
- Adopt 2.4G wireless signal control

Advantages
- Smooth Dimming, flicker free.
- Dimming range 1-100%

24G Brightness Constant Current Drivers

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product picture</th>
<th>Input Voltage (VAC)</th>
<th>Constant Current Output (Channel)</th>
<th>Output Voltage (VDC)</th>
<th>Output power (W)</th>
<th>RF Type</th>
<th>G.W. (g)</th>
<th>Size (mm)</th>
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<tbody>
<tr>
<td>EUP30R-1HMC-D 1</td>
<td>RC5</td>
<td>220-240</td>
<td>9-45</td>
<td>10</td>
<td>2.4GHz</td>
<td>130</td>
<td>190x93x29</td>
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<tr>
<td>EUP30R-1HMC-D 2</td>
<td>RC6</td>
<td>220-240</td>
<td>9-45</td>
<td>10</td>
<td>2.4GHz</td>
<td>245</td>
<td>135x85x31</td>
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</tbody>
</table>

24G LED Drivers

Features
- For LED RGBW lamps color control, brightness and speed adjust.
- With memory function, keep parameters and state before the power outage.
- Wireless controlling, with the maximum distance of 20m
- Adopt 2.4G wireless signal control
- With over current, over temperature and short circuit protection

Advantages
- Smooth Dimming, flicker free.
- Dimming range 1-100%

24G RGB Drivers

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product pictures</th>
<th>Input Voltage (VAC)</th>
<th>Output Current (Channel)</th>
<th>Mode</th>
<th>Brightness</th>
<th>Speed</th>
<th>RF Type</th>
<th>G.W. (g)</th>
<th>Size (mm)</th>
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<tbody>
<tr>
<td>MCT3398 1</td>
<td>RC7</td>
<td>12-24</td>
<td>5A/5</td>
<td>10</td>
<td>32</td>
<td>8</td>
<td>2.4GHz</td>
<td>35</td>
<td>120x106x25</td>
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<td>MCT403 2</td>
<td>RC8</td>
<td>12-24</td>
<td>5A/4</td>
<td>10</td>
<td>32</td>
<td>8</td>
<td>2.4GHz</td>
<td>130</td>
<td>128x106x25</td>
</tr>
<tr>
<td>MCT408 1</td>
<td>RT6</td>
<td>12-24</td>
<td>2.4A</td>
<td>10</td>
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<td>8</td>
<td>2.4GHz</td>
<td>36</td>
<td>123x106x25</td>
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<td>CT308 3</td>
<td>RC9</td>
<td>12-24</td>
<td>6A/3</td>
<td>10</td>
<td>32</td>
<td>8</td>
<td>2.4GHz</td>
<td>90</td>
<td>188x138x32</td>
</tr>
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<td>CT420 4</td>
<td>RC5</td>
<td>12-24</td>
<td>5A/4</td>
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<td>32</td>
<td>8</td>
<td>2.4GHz</td>
<td>90</td>
<td>188x138x32</td>
</tr>
</tbody>
</table>

RGB/RGBW Remote Control Series

Matching Code and Grouping
Select the controller to be controlled in groups, cut off the power supply for 10 seconds and then turn on the power supply again. Within 3 seconds of turning on the power supply, click the corresponding “group on” key, and the lights connected to the controller will “flash three times slowly.”

Clearing Code and Grouping
Select the controller to clear the code, cut off the power supply for 10 seconds and then switch on the power supply again. Within 3 seconds of switching on the power supply, click the “fully open” key 5 times, and the lights connected to the controller will “flash 6 times” to confirm the success of code clearing.

RGB/RGBW Remote Controls

Marshalling motioned

Wireless
### Wireless Color-Temperature Remote Control Series

**Description**
It is mainly used for color temperature adjustment and can carry out group control to meet different dimming requirements of users. Speed adjustment and color selection are carried out by the remote controller to achieve various dynamic dimming effects.

**Features**
- Using the memory function, keep the parameters and state before power failure
- With over-current/over-temperature and short circuit protection

**Advantages**
- Smooth dimming, true color.
- One remote can control single and multiple controllers

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Power supply</th>
<th>Remote distance (m)</th>
<th>Mode</th>
<th>Group</th>
<th>RF Type</th>
<th>Material</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC5</td>
<td>3V Button cell</td>
<td>20</td>
<td>CCT/Brightness</td>
<td>1</td>
<td>240Hz</td>
<td>ABS</td>
<td>100<em>61.5</em>9</td>
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<tr>
<td>RT6</td>
<td>AAA Dry battery*2</td>
<td>20</td>
<td>CCT/Brightness</td>
<td>4</td>
<td>240Hz</td>
<td>ABS</td>
<td>147<em>50</em>18</td>
</tr>
</tbody>
</table>

### Brightness Remote Control Series

**Description**
It is mainly used in brightness level and can carry out group control to meet different dimming requirements of users. It is easy to adjust the speed to achieve rich and colorful dynamic changes.

**Features**
- Using the memory function, keep the parameters and state before power failure
- With over-current, short circuit and over-temperature protection
- Wireless controlling, with the maximum distance of 20m

**Advantages**
- Smooth dimming, true color.
- One remote can control single and multiple controllers

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Power supply</th>
<th>Remote distance (m)</th>
<th>Mode</th>
<th>Group</th>
<th>RF Type</th>
<th>Material</th>
<th>Size (mm)</th>
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<tbody>
<tr>
<td>RC5</td>
<td>3V Button cell</td>
<td>20</td>
<td>Brightness</td>
<td>1</td>
<td>240Hz</td>
<td>ABS</td>
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<td>RT6</td>
<td>AAA Dry battery*2</td>
<td>20</td>
<td>Brightness</td>
<td>8</td>
<td>240Hz</td>
<td>ABS</td>
<td>147<em>50</em>18</td>
</tr>
</tbody>
</table>

### Bluetooth to DALI Controller

**Features**
- Complies with DALI protocol standard IEC62386
- Used to adjust the brightness and color temperature of lamps with DALI interface.
- Through Bluetooth and mobile phone connection for adjustment, Android and IOS APP are available.
- Suitable for families, offices, hotels, engineering, etc.
Nowadays, phase-cut is still a common dimming type. In the past, phase-cut dimming was mainly used in traditional lighting devices, such as incandescent lamps. Therefore, it has compatibility problems in dimming LED lighting fixtures, such as narrow dimming range, flicker and even inability to dim. To solve these problems, Euchips developed a leading edge load controller and a trailing edge load controller. Under the background of advocating energy conservation and emission reduction, more and more equipment are needed to strengthen the intelligent management of energy consumption. Intelligent switch load controller is an important part of the system. It can control the power switch of the equipment and is more convenient for centralized control and intelligent management.
### Dimmer

<table>
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<td>Relay Switch Controller (0-10V)</td>
<td>20A DC 24V</td>
<td>20mA</td>
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### Relay Switch

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### Power Amplifier

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<td>Triac</td>
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<td>Triac</td>
<td>20A DC 24V</td>
<td>50W</td>
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<td>Triac</td>
<td>20A DC 24V</td>
<td>50W</td>
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</tbody>
</table>
**EU-BUS Controllers**

**EU-BUS Dimming System Solution**

**Features**
- Meets DMX512 (1990)/RDM and DALI IEC62386 standard protocol
- Feed-through power circuit design
- Output relay controlled 8 channel, max current of each channel is 20A
- Standard 35 mm din rail, convenient installation
- There is an emergency button for each channel to switch on or off the channel
- Fire trigger function

**Input voltage** 100-240VAC
**Input control signal** DMX512 (1990)/RDM, DALI IEC62386, EU-BUS

**Max output current** 20A

**Equipment size** 222.5 * 93.4 * 63.2

**G.W.** 2250g

---

**Phase Cut Dimming Controller**

**Description**
The product adopt advanced microcomputer control technology, analysis widely used DMX-512 (1990)/RDM and DALI standard protocol and output 4 AC MOSFET phase cut signal. The max current of each channel of phase cut is 5A, the total 4 channels is 20A. In addition, this device can be connected into the Dynalite system by the Dynalite gateway (Note: the Dynalite trademark holder is PHILIPS, the relevant right is owned by the holder of this trademark, the same below).

**Features**
- Meets DMX512 (1990)/RDM and DALI IEC62386 protocol
- Output phase cut dimming signal
- Built-in OLED, the user can operate more conveniently
- Each circuit is equipped with emergency switch to switch on or off the channel
- Fire trigger function

**Input voltage** 50/60Hz
**Input control signal** DMX512 (1990)/RDM, DALI IEC62386, EU-BUS

**Max output signal current** 20mA

**Equipment size** 222.5 * 93.4 * 63.2

**G.W.** 1250g

---

**Relay Switch Controller**

**Description**
The product adopt advanced microcomputer control technology, analysis widely used DMX-512 (1990)/RDM and DALI standard protocol and output a relay control signal. The max current of each channel is 5A, the total 4 channel is 20A. In addition, the device can be connected into the Dynalite system by the Dynalite gateway (Note: the Dynalite trademark holder is PHILIPS, the relevant right is owned by the holder of the trademark, the same below).

**Features**
- Meets DMX512 (1990)/RDM and DALI IEC62386 protocol
- Fixed through power circuit design
- Output relay controller 8-channel, max current of each channel is 20A
- Standard 35 mm din rail, convenient installation
- There is an emergency button for each channel to switch on or off the channel
- Fire trigger function

**Input voltage** 50/60Hz
**Input control signal** DMX512 (1990)/RDM, DALI IEC62386, EU-BUS

**Max output current** 100A

**Equipment size** 602 * 142 * 85 (mm)

**G.W.** 1500g

---

**Item No.: EUMA0405-DDL**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input voltage</th>
<th>Input control signal</th>
<th>Max output current</th>
<th>G.W.</th>
<th>Equipment size (mm)</th>
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<tbody>
<tr>
<td>EUMA0405</td>
<td>100-240VAC</td>
<td>DMX512 (1990)/RDM, DALI IEC62386, EU-BUS</td>
<td>20mA * 4Ch</td>
<td>100A</td>
<td>222.5 * 93.4 * 63.2</td>
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**Item No.: EUR0420**

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<th>Max output current</th>
<th>G.W.</th>
<th>Equipment size (mm)</th>
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<td>EUR0420</td>
<td>100-240VAC</td>
<td>DMX512 (1990)/RDM, DALI IEC62386, EU-BUS</td>
<td>5A * 4Ch (AC MOSFET, please take 5A * PF as output current limit for each circuit)</td>
<td>100A</td>
<td>222.5 * 93.4 * 63.2</td>
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**Item No.: EUR1220**

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<th>Max output current</th>
<th>G.W.</th>
<th>Equipment size (mm)</th>
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<tbody>
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<td>100-240VAC</td>
<td>DMX512 (1990)/RDM, DALI IEC62386, EU-BUS</td>
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</tbody>
</table>

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**Item No.: EUB01**

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<th>Input voltage</th>
<th>Input control signal</th>
<th>Max output current</th>
<th>G.W.</th>
<th>Equipment size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUB01</td>
<td>100-240VAC</td>
<td>DMX512 (1990)/RDM, DALI IEC62386, EU-BUS</td>
<td>20A</td>
<td>2250g</td>
<td>222.5 * 93.4 * 63.2</td>
</tr>
</tbody>
</table>

---
EU-BUS Controllers

Leading Edge Controller

Features
- Meets DMX512/IEC62386/EU-BUS protocol
- With OLED display and manual button, the user can operate more conveniently
- Output 8 channel phase cut or switch signal, max current of each channel ≤ 3A
- 2s fast delay protection for each 2 outputs
- Output DC/AC supply for control system
- Set fade time of each channel separately, range of 0-60s
- Standard 35 mm din rail, convenient installation
- Suitable for use with TRIAC dimming driver, incandescent, low voltage, neon and selected fluorescent fixtures

Relay Switch Controller

Features
- Meets DMX512/IEC62386/EU-BUS protocol and EU-BUS protocol developed by EUCHIPS
- Output 4 channel relay switch signal and their synchronous DC 0-10V control signal
- Built-in OLED, the user can operate more conveniently
- Set fades time of each channel separately, range of 0.1-60s
- Standard 35 mm din rail, convenient installation
- Relay switch channel can be turned on or off manually
- Suitable for intelligent lighting control - Home Furnishing, office buildings, schools, stadiums, outdoor architecture etc
- Fire trigger function

EU-BUS To DALI Gateway

Features
- Assign (including reassign, extent allocation) - the address for DALI equipment
- In EU-BUS mode, can update firmware remotely via EU-BUS interface
- Support EU-BUS function to the DALI command
- Set parameter for DALI equipment, and can be used with the DALI sensor, DALI panel
- Support EU-BUS to DALI command function
- Supplied via EU-BUS bus, without external power supply
- The standard 35mm din rail, convenient installation

EU-BUS Controllers

Relay Switch Controller Summary

Features
- Meets DMX512/IEC62386/EU-BUS protocol and EU-BUS protocol developed by EUCHIPS
- Output 12 channel relay switch signal
- Built-in LCD, the user can operate more conveniently
- Set fades time of each channel separately, range of 0-60s
- Standard 35 mm din rail, convenient installation
- Relay switch channel can be turned on or off manually
- Suitable for intelligent lighting control - Home Furnishing, office buildings, schools, stadiums, outdoor architecture etc
- Fire trigger function

Input voltage | Input control signal | Max output current | G.W. | Equipment size (mm(L*W*H))
--- | --- | --- | --- | ---
100-240VAC | DMX512/IEC62386/ EU-BUS | 20A*12 Channel | 220g | 167*93.4*63.2

EU-BUS To DALI Gateway

Features
- Assign (including reassign, extent allocation) - the address for DALI equipment
- In EU-BUS mode, can update firmware remotely via EU-BUS interface
- Support EU-BUS function to the DALI command
- Set parameter for DALI equipment, and can be used with the DALI sensor, DALI panel
- Support EU-BUS to DALI command function
- Supplied via EU-BUS bus, without external power supply
- The standard 35mm din rail, convenient installation

Input voltage | Communication protocol | The number of DALI equipment | The number of dry contact | G.W. | Equipment size (mm(L*W*H))
--- | --- | --- | --- | --- | ---
EU-BUS | EU-BUS bus | 84 | 1 | 250g | 167*93.4*63.2
EU-BUS SCR Power Amplifier

Thanks for using EUPB0105. This product is mainly used to amplify the power when the load capacity of TRIAC knob or dimming device is not enough. For example, a brand dimmer C output 4-channel leading edge or trailing edge, and the maximum current is 1A/ch. If load current of one channel is larger than 1A, you need to increase the purchase of C or greater power product to meet the requirements, this will increase the cost a lot. You can choose the combination of C+EUPB0105 to amplify the power, which can significantly reduce the cost and facilitate clients to stock up.

**Features**
- Receive leading/trailing edge signal of 100-240VAC
- Single channel leading edge output, the maximum output current of 5A
- Can be connected to incandescent lamp, halogen lamp, TRIAC dimming shiner

Mainly used to enlarge the load capacity when true knob or phase cut dimming module used in Lighting Control systems don’t have enough capacity.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product Description</th>
<th>Input Voltage</th>
<th>Output Current</th>
<th>Output power</th>
<th>G.W. (g)</th>
<th>Equipment size (mm(L<em>W</em>H))</th>
</tr>
</thead>
<tbody>
<tr>
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<td>100-240V 5A*1 Channel</td>
<td>550W</td>
<td>380</td>
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</tr>
<tr>
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<td>100-240V 10A*1 Channel</td>
<td>175<em>93.4</em>63.2</td>
<td></td>
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<td></td>
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<tr>
<td>EUPB0105 3</td>
<td>100-240V 5A*1 Channel</td>
<td>2200W</td>
<td>950</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Network time clock

**Features**
- Comply with EU-BUS protocol developed by EUCHIPS
- OLED display, the user can operate more conveniently
- In EU-BUS mode, the user can update firmware remotely via EU-BUS interface
- Can save up to 64 events
- Can define the trigger time and task for all event conveniently and flexibly
- Real time clock with standby battery
- Supplied via EU-BUS bus, without external power supply
- The standard 35mm din rail, convenient installation

**Programmable Contact Access Module**

**Features**
- Comply with EU-BUS protocol developed by EUCHIPS
- Can connect 6 dry contact signal
- Can connect 6 LED lights as key backlight
- Easy to edit the function for each port
- Supplied via EU-BUS bus, without external power supply
- Compact, easy to install into the electrical box

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Power supply</th>
<th>Protocol</th>
<th>Maximum Events</th>
<th>Default Events</th>
<th>G.W. (g)</th>
<th>Equipment size (mm(L<em>W</em>H))</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU-BUS Debugger</td>
<td>EU-BUS</td>
<td>EU-BUS</td>
<td>6</td>
<td>8</td>
<td>25g</td>
<td></td>
</tr>
</tbody>
</table>

**Programmable Control Panel**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Power supply</th>
<th>Protocol</th>
<th>Access</th>
<th>G.W. (g)</th>
<th>Equipment size (mm(L<em>W</em>H))</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUPK-3N</td>
<td>12V</td>
<td>EU-BUS</td>
<td>1-12</td>
<td>20g</td>
<td>88<em>68</em>54mm</td>
</tr>
</tbody>
</table>
**EU-BUS Controllers**

### 4G master gateway

**Description**

EU-BUS is a high-performance, low-power Consumption network controller introduced by Euchips. It has 250 x series industrial control board built in and is isolated by network, CAN bus and 485. It integrates various peripheral interfaces and can control various EU chips dimming devices through EU-bus protocol.

**Features**

- With 4G gateway, it can achieve remote control by mobile phone APP (phone Android).
- Able to control each channel DM/DM, control multiple groups DM/DM simultaneously.
- With wireless remote group and extended function.
- With 4G gateway, it can achieve single lamp, group and scene control.

### RS485 Network Bridge

The EUB01 is a flexible network communication bridge designed for RS-485 network. The two optically isolated RS-485 ports enable EUB01 to implement trunk and branch topology in large project sites. EUB01 can not only extend the communication distance, make the bus network more flexible and convenient, but also isolate the dry electrical fault network. As the transmission distance is extended or the number of serial devices is increased, the serial signals are continuously attenuated, which will lead to unstable or even unusable bus signals. The EUB01 bridge can enhance and amplify the existing bus signals and increase the number of serial port devices in the bus network.

#### Item No. Item Description

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Input</th>
<th>CPU</th>
<th>Memory</th>
<th>Strorage</th>
<th>System</th>
<th>G.W.</th>
<th>Equipment size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUB01</td>
<td>DC5-36V</td>
<td>TI am3352 Processor, ARM Cortex™-A8 Frequency 520M</td>
<td>1GB RAM ,256MB EEM</td>
<td>128MB NAND FLASH &amp; 16G e.MMC</td>
<td>Linux</td>
<td>160G</td>
<td>200<em>200</em>40</td>
</tr>
</tbody>
</table>

#### Item No. Item Description

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Power supply</th>
<th>Serial ports</th>
<th>Isolation Voltage</th>
<th>Power indication</th>
<th>Communication Voltage</th>
<th>Band-rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUB01</td>
<td>DC5-36V (Recommended 12VDC)</td>
<td>2*RS485</td>
<td>3:10V isolation</td>
<td>LED continuous on</td>
<td>LED floating</td>
<td>9600</td>
</tr>
</tbody>
</table>

**Recommended items**

- Operational temp: -20°C to 70°C
- G.M. : 68
- Equipment size (mm) 175mm x 135mm x 28mm