



Intelligent Lighting Control System

Accurate lights control

精准控制每一盏灯



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SHANGHAI EUCHIPS INDUSTRIAL CO., LTD.

As the pioneer of LED controllers and dimmers, Shanghai Euchips Industrial Co., Ltd. has focused on Controlling and Dimming system since 2005.

Our core team of R&D has engaged on the research and development of LED Controlling and Dimming system since the year 2001. The company was established in the year of 2005 with the registered fund of 10 million RMB. Currently, we have 120 employees in total, including 28 engineers. Our company has owned more than 80 patents by January 2016.

Euchips sold more than 1 million units of controllers and dimmers in 2015. And we nowadays have built relationships with clients from more than 90 countries.

Our company owns DALI, 0-10V/1-10V, DMX, triac dimmer and controller series which are compatible with systems of Crestron, Philips, Osram, Lutron, Dynalite, Clipsal, LDS, ABB, Schneider, Leviton, JUNG, Berker, Be Lichtregler, etc. Euchips' products have been applied to more than 200 five-star hotels such as Shangri-La, Hyatt, Kempinski, Pullman, Crown Plaza and so on.

Wish we can fight together and share in the glory in the coming future!



Projects

China

Eastern China Region

Shanghai Pudong Kerry center
Shanghai Shangri-La Hotel Pudong
Shanghai Shangri-La Hotel Jinan
Shanghai Jinan Kerry Center
Shanghai Marriott Hotel
Shanghai Lujiazui International Finance Center
Ritz-Carlton Pudong - Shanghai
Shanghai Gold Center hotel
Shanghai Park Hyatt Hotel
Shanghai Zhongshan Park Paris spring
Shanghai Andaz Hotel
Hangzhou International Hotel
Ritz-Carlton Shanghai
Shanghai Four Seasons hotel
Shanghai South Le Grand Large Hotel
Nanjing Fairmount Hotel
Ningbo Park Hyatt Hotel Dongqian Lake
Xiamen Westin
Xiaoshan Radisson Hotel

Northern China Region

Beijing Yintai center
Beijing Park Hyatt Hotel
Beijing Shangri-La Hotel
China World Hotel
China World Trade Center Tower 3
Beijing Kerry Center Hotel
Beijing Kempinski Hotel
Beijing Pullman Hotel
Tianjin Cristal Hotel
Shandong Sheraton Hotel Jiaozhou
Shandong Shangri-La Hotel Linyi

Southern China Region

Shenzhen Mixc
Shenzhen Grand Hyatt hotel Futian
Shenzhen Shangri-La Hotel Futian
Shenzhen Shangri-La Hotel Luohu
Dongguan Sofitel Hotel
Guangzhou forest and Village Club
Guangzhou Four Seasons hotel





Project

Microsoft Development Center in Beijing

Microsoft Beijing R&D center uses DMX lighting control system.
Main products: DMX100, PX24501, etc.



Project

Beijing Ju Jun Villa

Beijing Ju Jun Villa is located in the Asian Games Village, Changping District, with a beautiful scenery and peaceful environment. The sample room of Ju Jun Villa was designed with various kinds of 0-10V controllers like DIMS1L10V-0, and also 0-10V dimming drivers like EUP15A. All those LED controllers make the lamps more energy-saving, humanized and creating more natural living environment.



Project

Weifang, Shandong-Weichai Power

Weichai, started since 1946, is nowadays one of the most competitive manufacturing group of automobile and equipment in China. Weichai owns fifty-five thousand employees all over the world. Weichai gained an income of 107 billion in 2014, making itself the second place among the Enterprises of 100 Tops in Chinese Machinery Industry. The sample room of Weichai uses Euchips' special DMX decoder-PX24501 to control all the RGB lamps, and the lighting effects those decoders create make Weichai's products more colorful.



Project

Shandong Art Gallery

Shandong Art Gallery was officially opened in 12th Oct. 2013. As a culture landmark building in Shandong Province, it is full of modern sense. Euchips' 0-10V dimmable LED driver model DIM-S1L10V-0 shows the advancement of functional facilities!



Project

Sichuan Deng Xiao Ping's Memorial

Deng is Chinese famous leader. He makes a significant contribution to Chinese construction, both in economy and politics. This memorial is built for him. It uses Euchips' 0-10V dimmer, named DIM-S1L10V-0.



Project

COACH

COACH is one the most famous and luxurious brand in the world. Lighting systems for Coach shops in Beijing, Kunming, Malaysia and Singapore use Euchips' DMX system, including DMX800 and PX24600.

Shanghai New World - Andaz Hotel

Andaz hotel in Shanghai New World uses the theme of atmosphere lightings to make an impressive effect. People can change the color due to their interests and mood. These effects are mainly made by Euchips' DMX Decoder, including DMX decoder PX24501 and 100W Triac driver DIM107H-24

Hotel case



PULLMAN HOTEL(in Shanghai South Railway Station)

Pullman is an international high-end business hotel located in ZStar Plaza in Shanghai South Railway Station. Its lighting application uses Dynalite 0-10V, Triac masters with Euchips dimmable LED drivers and waterproof LED SMD. Our model EUP120A-12 and DIMH1-350-12 are custom products special for PULLMAN.

Hotel case



Shangri-La Hotel in Jing'an District, Shanghai

Shangri-La Hotel in Jing'an District, Shanghai. This Shangri-La Hotel is located in the middle of Jing'an District, a business and leisure zone with multifunctions of living, shopping and officing. Euchips' 0-10V controllers are mainly used in this hotel, such as DIM-S1L10V-0 and DIM7001-12. With Euchips' LED products, the splendid lights of Shangri-La Hotel are in glorious harmony with the beautiful evening scenery of Shanghai.

Hotel case



Hyatt Hotel in Chongming

Hyatt Hotel is in the east of Shanghai Congming island. It aims to provide customers a peaceful place. Cooperating with Dynalite's DMX system, Euchips' DMX decoders including DMX102 and PX24500 are used.

Hotel case



Changshu Pullman Hotel

Pullman is one of the world famous hotels. Glad to tell you that Pullman Hotel in Changshu also uses Euchips' LED lighting system. Cooperating with Lutron, 0-10V and Phase-cut drivers are installed, including EUP120A-12, DIM108H-12 and DIM107H-12.

Hotel case



Jin'ao Fairmont Hotel

Jin'ao Fairmont Hotel, located in Nanjing, is a famous hotel that gets a hundred years' of history. Lighting controlling of Fairmont Hotel is achieved with 0-10V controller series, including mainly DIM-S1L10V-0, DIM7002-12, DIM7002-24, creating an elegant atmosphere.

Hotel case





Hotel case

Nanjing Starwood Hotel

Nanjing Starwood Hotel is an international high-end business hotel. Its lighting control system uses Euchips 0-10V constant voltage LED driver EUP120-12A, EUP75A-1H24V-1, EUP150A-1W24V-1 and Systemteq 0-10V dimming system.



Project

Licheng KTV in Beijing

Licheng KTV in Beijing selects the Triac constant voltage dimming driver of 100W, DIM107H-12 to control the lights of boxes and corridors, creating more enjoyable and comfortable atmosphere for the guests.



Hotel case

Four Season Hotel – Beijing Yansha Bridge

Four Seasons Hotel Beijing has a multifunctional meeting room, which using Euchips' DIM107H-24 and DIM108H-24 for its Lighting system and stage settings.



Hotel case

Jinan Crowne Plaza Hotel

Euchips 0-10V dimmable drivers work with Philip's MR16 and Lutron's 0-10V dimming system during the rebuilt of Crowne Plaza Jinan on 2013. Euchips dimmable drivers (DIM7001-12) dim the MR16 smoothly. This makes hotel bright and beautiful.



Hotel case

Sheraton Shenyang South City Hotel

heraton Shenyang South City Hotel is 27 floors, near to many International companies. Its lighting system uses 0-10V driver: DIM-S1L10V-0B.



Hotel case

Sichuan Cartier hotel

Sichuan Cartier hot spring hotel use 0-10v dimmable drivers to match to Dyalite. Main products: EUP75A-1H24V-1, MultiDIM-15V-0. Main aim: Create Comfortable lighting effects.

Holiday Inn Shijiazhuang Hotels

Shijiazhuang Holiday Inn is a business hotel managed by the world's largest international hotel management group IHG. It uses Euchips 100W Triac dimmable LED driver DIM107H-12.



Hotel case

Four Points Sheraton Ballroom

Euchips DMX512 controllers are used with LUCI RGB led tubes, ballroom lights, etc. The lights can be changed easily to match the atmosphere. The main products are DMX300, DMX102 and PX24500



Hotel case

Yunnan Lijiang Jin Maoji Grand Hyatt Hotel

Yunnan Lijiang Jin Maoji grand hyatt hotel is located in Lijiang, the history world cultural heritage city. This hotel use Euchips' 0-10V dimmable drivers. Main product is DIM7001-12. It woeks with dynalite's 0-10V system to dimming the Philips 7W MR16. This mixes with the modern fashion elements and the national architectural features ingeniously.



Hotel case

Holiday Inn Resort Hainan Clearwater Bay Hotel

Holiday Inn Resort Hainan Clearwater Bay hotel is managed by internationally renowned InterContinental Hotels Group, located in Clearwater Avenue. Euchips 0-10V dimmers of DIM-S1L10V-0B and DIM7001-12 are used in this hotel, dimming the hotel successfully.



Hotel case

Hainan Wenchang Hilton hotel

Hilton is located in the south of China – Hainan province. It's hot and beautiful all the year round. Hilton hotel uses 0-10v dimmable drivers to work with Dyalite. Main products are DIM108H-12, DIM107H-12, DIM106H-12, EUP75T-1H12V-1, EUP150T-1H12V-1.



Hotel case

Westin Haikou Greentown Hotel

The lighting control system of The Westin Resort Bay Greentown uses Euchips' constant voltage 0-10V dimmer DIM-S1L10V-0B and constant current 1-10V driver EUP15A-1W350C-1.

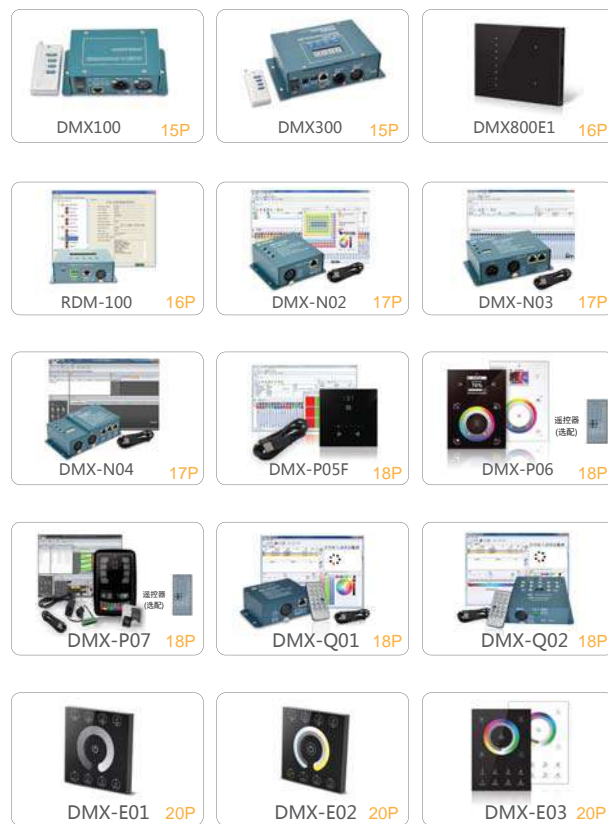


Hotel case

Products Family

DMX Controllers Series

DMX/RDM Master Controller (Stand Alone/Software)



Constant Voltage DMX Decoder Series



Constant Voltage DMX Driver Series



Constant Current DMX Decoder Series



DMX Signal Splitter Series



DALI Controller Series

DALI Master Controller Series



DALI Control Panel



Constant Voltage DALI Decoder Series



Constant Voltage DALI Driver Series



Constant Current DALI Driver Series



Constant Current DALI Decoder Series



DALI Bus Power Supply

DALI&0-10V Series



0-10V/1-10V Dimmer Series

0-10V Panel Controller Series



Constant Voltage 0-10V Dimmer Series



Constant Voltage Dimmable Driver Series



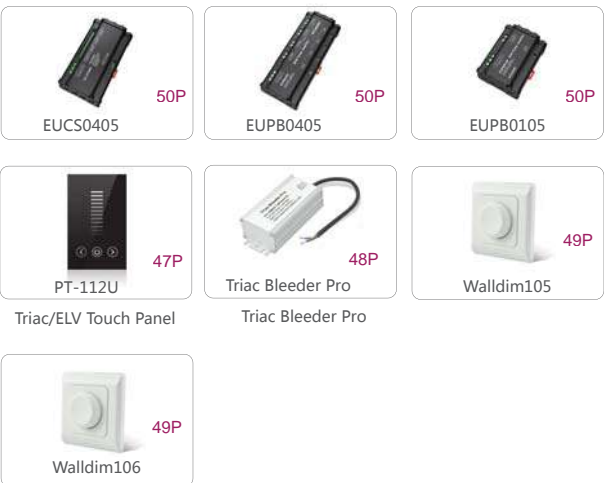
0-10V/1-10V Dimmer Series

Constant Current Dimmable Driver Series



Triac/ELV Dimmer Series

Triac/ELV Master Controller Series



Triac/ELV Dimmer Series

Constant Voltage Dimmable Driver Series



Constant Current Dimmable Driver Series

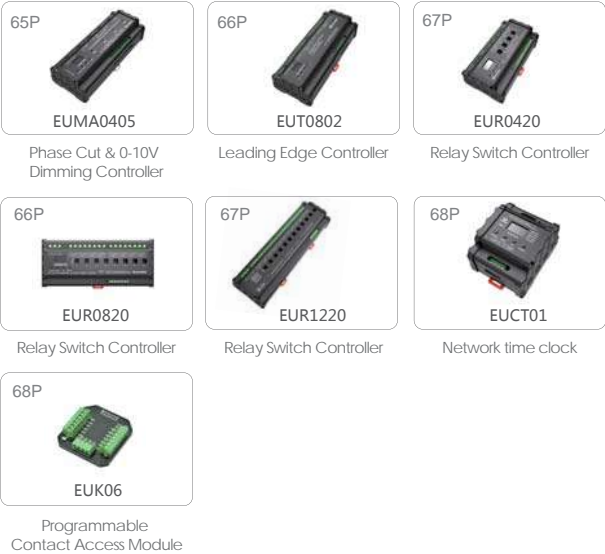


SPI Controller Series



EU-BUS Controller Series

EU-BUS Controller Series



Intelligent Lamp Series



LED Power Amplifier Series



LED Wireless Controller Series

LED Wireless Controller Series



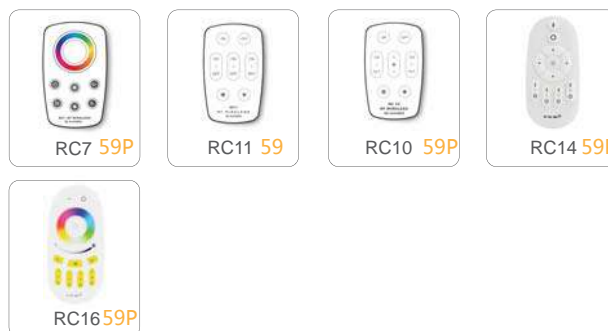
LED Constant Current Wireless Driver Series



LED Constant Voltage Wireless Driver Series



Remote Controller Series



Microwave Motion Sensor

Microwave Motion switch



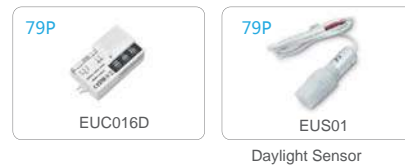
0-10V Microwave Motion Sensor



Microwave Motion power supply

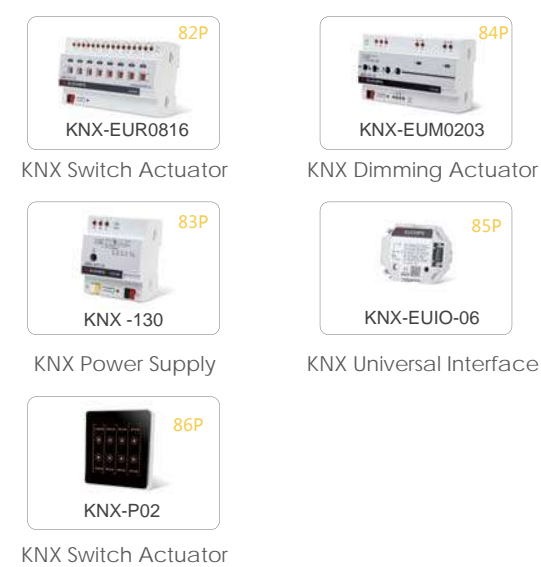


Sensor



KNX Controller Series

KNX Switch Actuator



Multi-function Dimming Driver



Battery-less Wireless Switch



Signal Converter Series



LED Driver(UL Listed)

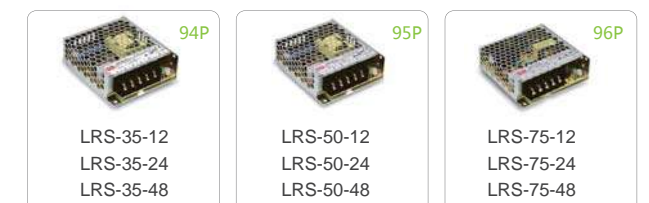


Waterproof LED Street Light Driver Series



Industrial Power Supply Series

35W, 50W, 75W Single Output Switching Power Supply



100W, 150W Single Output Switching Power Supply



200、350W Single Output Switching Power Supply



DMX/RDM Series

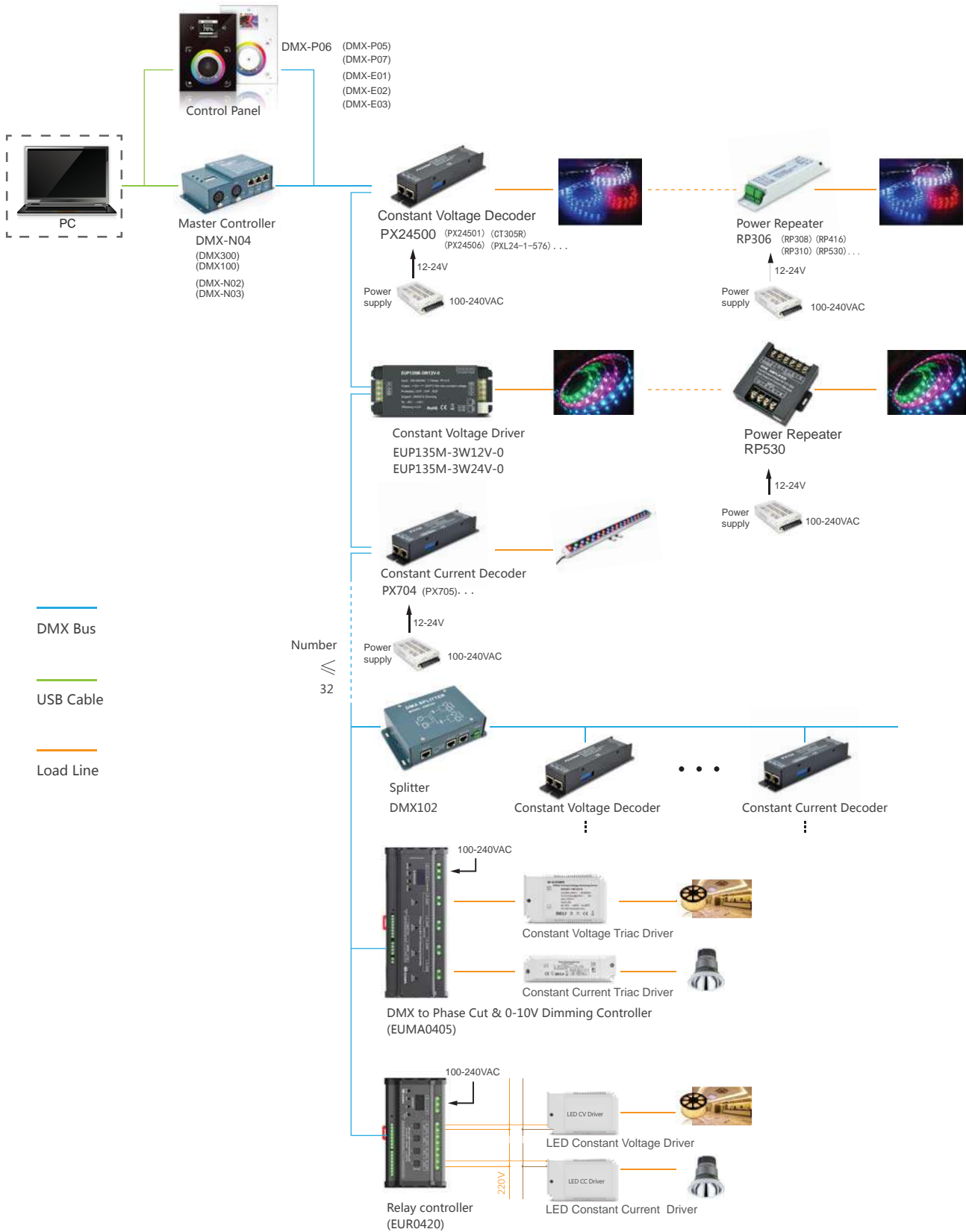


DMX512 (Digital Multiplex) is a standard protocol for digital communication networks that are commonly used to control the stage lights and effects. It was originally invented by USITT.

Compared with traditional analog dimming system, digital lighting system, which is based on DMX512 control protocol, can offer powerful control functions for large and medium-sized indoor and outdoor LED lighting system. After revision and improvement, DMX512-A standard supports bidirectional transmission. It can return an error diagnostic report of the lamps and other information. What’ s more, it can be compatible with all lighting equipments meeting DMX512 standards.

A network consists of one DMX512 controller – which is the master of the network — and one or more slave devices. For the master controllers, we also offer software to program. They support both stand alone and PC.

DMX Control System



DMX Stand Alone Masters

DMX100

DMX Stand Alone Controller



DMX100 is a full-color LED control system which is used for indoor and outdoor decorative lighting. with the wireless remote control, you can change the modes and adjust speed very conveniently. There are 30 modes of jump, fade, running, chase and with the pause function, you can keep the fixed color optionally.

Feature

- ▶ Meets DMX512(1990)
- ▶ RF remote control function
- ▶ 256 levels of grey, totally 16.77 million colors, really full color
- ▶ Various of output interface, XLR-3 Male & Female, RJ45
- ▶ Eight different speed levels
- ▶ Automatic parameter memory
- ▶ Various modes with pause function

Parameter

Item No.	Input Voltage	Protocol	DMX Channels	Operation Mode	Connection	Software	G.W.(g)	Size(mm)
DMX100	12VDC	DMX512(1990)	512	Stand Alone	XLR-3/RJ45	Not Support	709	140*80*46

RoHS CE

DMX300

DMX Stand Alone Controller



DMX300 is a full-color LED control system which focuses on indoor and outdoor decorative lighting. It comprises scene-edit software , LCD screen and buttons. You can according freely with RF remote control. There are several default modes.

Feature

- ▶ Meets DMX512(1990)
- ▶ Digital screen shows current status
- ▶ RF remote control function
- ▶ 256 levels of grey, totally 16.77 million colors, really full color
- ▶ Various output interface, XLR-3 Male & Female, RJ45
- ▶ Eight different speed levels
- ▶ Automatic parameter memory

Parameter

Item No.	Input Voltage	Protocol	DMX Channels	Operation Mode	Connection	Software	G.W.(g)	Size(mm)
DMX300	12VDC	DMX512(1990)	512	Stand Alone	XLR-3/RJ45	EC Flash	1208	190*123*53

RoHS CE

DMX Stand Alone Masters

DMX800E1

DMX Stand Alone Controller



DMX800E1 has fashionable glass panel, simple switch and more levels dimming functions, suitable for kinds of standards wall mounted method. Widely used in dance stage, grogshop, club, office and many other lighting control applications.

Feature

- ▶ Meets DMX512(1990)
- ▶ Wsing tempered glass material
- ▶ Controlled by touchable button and silder key and with system indicate LED, easy to learn and use
- ▶ Has advanced power management system and enter standby status
- ▶ Automatic memory function
- ▶ Smooth Dimming curve, no flicker

Parameter

Item No.	Input Voltage	Protocol	DMX Channels	Operation Mode	Connection	Software	G.W.(g)	Size(mm)
DMX800E1	12-24VDC	DMX512(1990)	512	Stand Alone	Connector	No support	315	146*106*11

RoHS CE

RDM-100

RDM Stand Alone Controller



RDM-100 meets RDM(2009) protocol. It can speak to RDM devices, set initial address and read the datas from devices. The software can also edit the lighting effcts and set scenes. read their parameters. Can program the lighting change effects and set scenes.

Feature

- ▶ Meets RDM(2009) protocol , compatible with DMX 512 (1990)
- ▶ 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

Parameter

Item No.	Input Voltage	Protocol	DMX Channels	Operation Mode	Connection	Software	G.W.(g)	Size(mm)
RDM-100	5V DC	RDM(2009) DMX512(1900)	512	PC+Stand Alone	USB	RDM Master	710	154*105*49

RoHS CE

DMX N Series Master Controllers



Feature

- ▶ Meets DMX512(1990)
- ▶ 512*3 channels in live mode(computer) and stand alone (DMX-N04)
- ▶ USB or Ethernet connection, programmable by software
- ▶ Micro SD card memory for stand alone use(DMX-N04)
- ▶ Clock & calendar triggering function(DMX-N04)
- ▶ Various output interface, XLR-3, XLR-5 and RJ45

Description

N series DMX master controllers have more than 512*3channels, connecting by Ethernet, and have the programming software for the abundant LED lighting effects, meet for customers’ different requests.

Parameter

							RoHS	CE
Item No.	Input Voltage	Protocol	DMX Channels	Operation Mode	Connection	Software	G.W.(g)	Size(mm)
DMX-N02	5-5.5VDC	DMX512(1990)	256	PC+Stand Alone	USB	Euchips one	515	105*90*40
DMX-N03	5-5.5VDC	DMX512(1990)	512	PC+Stand Alone	USB	Euchips one	627	143*95*44
DMX-N04	5-5.5VDC	DMX512(1990)	512*3	PC+Stand Alone	USB+ETHERNET	Euchips seven	677	160*88*48



DMX P Series Touch Panel Controllers



Feature

- ▶ Uses tempered glass material, stylish appearance
- ▶ Sensitive keys, lively LCD screen
- ▶ USB or Ethernet connection, programmable by PC software
- ▶ 8 dry contact trigger ports
- ▶ Wall mounted

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, PC software pre-effects editor.

Parameter

							RoHS	CE
Item No.	Input Voltage	Protocol	DMX Channels	Operation Mode	Connection	Software	G.W.(g)	Size(mm)
DMX-P05F	5V DC	DMX512(1900)	128	PC+Stand Alone	USB	Euchips one	250	86*86*10
DMX-P06	6V DC	DMX512(1990)	512*2	PC+Stand Alone	USB+ETHERNET	Euchips seven	508	146*106*11
DMX-P07	5V DC	DMX512(1990)	512*2	PC+Stand Alone	USB+ETHERNET	Euchips seven	392	168*128*17



DMX Q Series Master Controllers

Feature

- ▶ 256-grey levels for each R,G,B channel, totally 16.77 million colors, really full color
- ▶ Keys support long press, short press and anti-shake operations
- ▶ Supports kinds of output connectors: XLR3, RJ45, T.Block



Description

Q series DMX master controller are mainly used to control RGB lighting changes, supports 512 channels and professional PC editing software, It can operate online or stand alone 10 keys remote control for scenes changing, very easy to use for users.

Parameter

Item No.	Input Voltage	Protocol	DMX Channels	Operation Mode	Connection	Software	G.W.(g)	Size(mm)
DMX-Q01	5V DC	DMX512(1990)	512	PC+Stand Alone	USB	Euchips 8	510	100*70*44
DMX-Q02	5V DC	DMX512(1990)	512	PC+Stand Alone	USB	Euchips 8	620	132*114*40



DMX E Series Touch Panel Controllers



Description

Meets 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.

Feature

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



Parameter

Item No.	Input Voltage	Protocol	DMX Channel	Area	Scene	Dimmer	G.W.(g)	Size(mm)
DMX-E01	5VDC	DMX512/1990	4	4	4	Brightness Adjust	110	86*86*10
DMX-E02	5VDC	DMX512/1990	8	4	3	Color Temp. Adjust	110	86*86*10
DMX-E03	5VDC	DMX512/1990	16	4	4	RGBW Adjust	200	146*106*11

Constant Voltage DMX Decoder Series

Feature

- ▶ Meets DMX512/1990
- ▶ 256-level brightness, full-color control
- ▶ Works with control system, can express perfect effect
- ▶ Can drive 1~3 channel of each lamp
- ▶ Can set the DMX address freely
- ▶ With anti-interference performance, over-heat and over-current protection, self-recovery function

Description

DMX constant voltage LED decoders are PWM constant voltage output, working with DMX control system and applying to control kinds of single color or RGB LED strips and constant voltage sources. Open green ends, RJ45 and various connecting methods are optional. They require of 12-24VDC power supply.



Constant Voltage DMX Decoder Series

Parameter

RoHS CE

Item No.	Input Voltage	Output Current	Output Power	Address Setting	DMX Interface	G.W.(g)	Size(mm)
CT305R	12-24VDC	5A*3Channels	180~360W	DIP Switch	RJ45	282	177*41.5*33.5
CT305RL	12-24VDC	5A*3Channels	180~360W	DIP Switch	RJ45	282	177*41.5*33.5
CT310RF	12-24VDC	8A*3Channels	288~576W	Button	RJ45	1076	190*123*53
DIM101M-DIN	12-24VDC	5A*3Channels	180~360W	Button	Connector	120	112*35*67
PX24500	12-24VDC	5A*3Channels	180~360W	DIP Switch	RJ45	263	177*41.5*33.5
PX24500A	12-24VDC	6A*3Channels	216~432W	Button	Connector	165	168*51*22
PX24500D	12-24VDC	5A*4Channels	240~480W	Button	Connector	165	168*51*22
PX24501	6-24VDC	5A*3Channels	90~360W	DIP Switch	RJ45/XLR-3	331	125*54*41
PX24504	12-24VDC	5A*4Channel	240~480W	DIP Switch	Connector	150	120*42*23
PX24505	12-24VDC	6A*4Channels	288~576W	DIP Switch	RJ45/XLR-3	344	125*54*41
PX24506	12-24VDC	3A*3Channels	108~216W	DIP Switch	Connector	136	86*51*18
PX24507	12-24VDC	5A*3Channels	180~360W	DIP Switch	RJ45	145	86*54*20
PX24606	12-24VDC	3A*1Channel	36~72W	DIP Switch	Connector	141	120*42*23
PX24800E1	5-24VDC	6A*3Channel	90~432W	Button	Connector	165	67×50×22
PX403	12-24VDC	3A*4Channels	144~288W	DIP Switch	RJ45	262	177*41.5*33.5
PXL24-1-576	12-24VDC	1A*24Channels	288~576W	DIP Switch	Connector	511	195*100*18
PXL24-2-1152IR	12-24VDC	2A*24Channels	576-1152W	DIP Switch	Connector	460	195*100*18



Constant Voltage DMX Driver Series

Feature

- ▶ 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

Description

DMX constant voltage LED drivers are PWM constant voltage output, working with DMX control system and applying to kinds of single color or RGB LED strips and constant voltage sources. 120-240AC input, power supplies are not required.



Parameter

Item No.	Input Voltage	Output Current	Output Voltage	Output Power	Protocol	G.W.(g)	Size(mm)
EUP135M-3W12V-0	100-240VAC	3.75A*3Channels	12VDC	135W	DMX512(1990)	610	196*75*40
EUP150M-3W24V-0	100-240VAC	2.08A*3Channels	24VDC	150W	DMX512(1990)	610	196*75*40

RoHS CE

Constant Current DMX Decoder Series

Feature

- ▶ 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

Description

DMX constant current LED decoders are PWM constant current output, working with DMX control system and applying to kinds of LED down lamps, track lamps, ceiling lamps and constant current sources. 12-48VDC input. Setting output currents and other parameters by Nixie tubes and DIP switches.



Parameter

Item No.	Input Voltage	Output Current	Output Voltage Range	Address Setting	DMX Interface	G.W.(g)	Size(mm)
PX704	12-48VDC	350mA*4Channels	3-42V	DIP Switch	RJ45	312	177*41.5*33.5
PX705	12-48VDC	300mA*3Channels 350mA*3Channels 500mA*3Channels 650mA*3Channels 700mA*3Channels	3-42V	Button	Connector	175	168*51*24.5
PX706	12-48VDC	1050mA*4Channels	3-42V	Button	RJ45	185	168*51*24.5

RoHS CE



DMX Splitter Series

Feature

- ▶ Integrate 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

Description

DMX splitter is dedicated to the DMX512 digital lighting control and signal amplification, also it can make the signal isolation to guarantee the reliability of the whole control system.

When the distance of DMX master and first decoder /driver is more than 100m, quantity of DMX decoders/drivers is over 32 pieces, distance between decoders/drivers more than 40m, DMX splitter is needed.



Parameter

RoHS

Item No.	Input Voltage	Transmission	Input Channel	Isolated Output	G.W.(g)	Size(mm)
DMX102	12-24VDC	DMX	1	2	693	151*90*40
DMX102W	12-24VDC	DMX	1	2	152	200*31*21
DMX103	12-24VDC	DMX	1	1	220	123*59*23.5
RDM103	12-24VDC	RDM/DMX	1	1	220	123*59*23.5
WIFI-DMX-01	5VDC	DMX	7	/	100	120*30*30



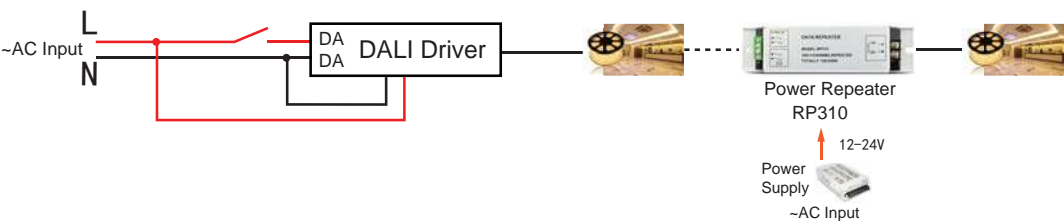
DALI Series



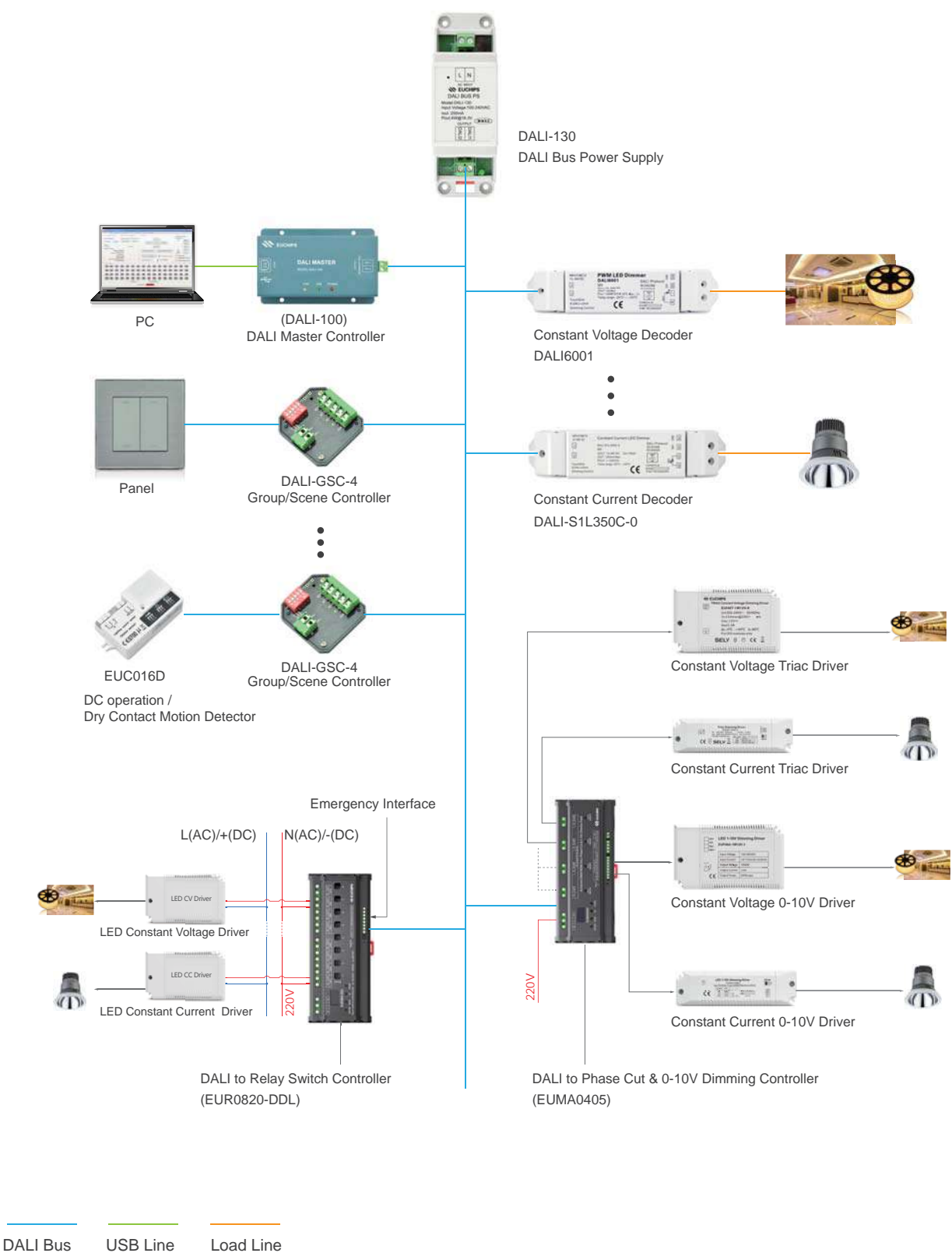
DALI is a special protocol for lighting control. DALI system can be made up of control gear, control devices and bus power supplies. DALI organization counts almost 120 international member companies in the luminaire and lamp industries. Euchips is a member of Dali protocol.

One of the benefits of DALI is the flexibility in the way that devices may be addressed. DALI is tailor made for modern lighting solutions. Each lumi naire is individually addressable; a large number of groups and scenes can be pre-selected to enable the lighting installation to be quickly adapted to suit a wide range of applications. When controlling the light sources based on daylight sensing, presence detection and personal control, user friendly installations can be realized as well as energy efficient installations. A DALI system could be as smal as a single luminaire, but is scalable to multiple systems across a building or more.

TouchDIM Wiring Diagram



DALI Wiring Diagram



DALI Bus

DALI-130

DALI Bus

Feature

- ▶ Output voltage 16V±5%
- ▶ Output current 250mA max
- ▶ Wide input voltage range 100VAC-240VAC
- ▶ Support two installation methods , rail and screw fixing
- ▶ LED indicator light shows status

Parameter

Item No.	Input Voltage	Output Current	Power Consumption	DALI Protocol	G.W.(g)	Size(mm)
DALI-130	100-240V AC	250mA*1Channel	4W	IEC62386	105	112*35*67



DALI&0-10V Series

Feature

- ▶ Single channel output, output current level selectable by DIP S.W.
- ▶ Support a variety of dimming mode (DALI/0-10V active signal/adjustable resistance/PWM/Touch DIM)
- ▶ Wide range of input voltage 100VAC ~ 240VAC
- ▶ High efficiency up to 82%
- ▶ Built-in active PFC function
- ▶ Dimming effect smooth, no flicker
- ▶ Protections: Short circuit.
- ▶ Suitable for indoor LED lighting application, such as down light, panel light, and so on



Parameter

Item No.	Input Voltage	Output Current	Output Voltage	Output Power	Touch DIM	G.W.(g)	Size(mm)
EUP12AD-1WMC-0	100-240VAC	180/240/300mA*1Channel	9-40VDC	12W	Support	130	150*43*29
EUP15AD-1WMC-0	100-240VAC	280/350/450mA*1Channel	9-40VDC	15W	Support	130	150*43*29
EUP20AD-1WMC-0	100-240VAC	300/500/700mA*1Channel	9-40VDC	20W	Support	130	150*43*29
EUP30AD-1HMC-0	200-240VAC	600/700/800/900mA*1Ch	3-50VDC	30W	Support	150	150*43*29

DALI Master Controller Series

DALI-100

DALI Master Controller



Communicating with PC by USB cable connection, build-in booster circuit can supply 20mA power from DALI bus. Software is easy to understand and use.

Feature

- 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

Parameter

Item No.	Input Voltage	Power Consumption	Control Signal	DALI Protocol	G.W.(g)	Size(mm)
DALI-100	5VDC	<2W	DALI Signal	IEC62386/IEC60929	200	108*72.5*23.5



DALI-P02

DALI Control Panel

Feature

- Meet DALI standard protocol IEC60929/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

Parameter

Item No.	Input Voltage	Power Consumption	Control Signal	DALI Protocol	G.W.(g)	Size(mm)
DALI-P02	Supplied Via Dali Bus	<0.2W	DALI Signal	IEC60929/IEC62386	145	86*86*10



DALI Group Scene Controller

DALI-GSC-4

DALI Scene/Group Switch



Feature

- 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 IEC60929/60386

Parameter

Item No.	Input Voltage	Power supply	Signal current	Scene/Group	G.W.(g)	Size(mm)
DALI-GSC-4	12-20VDC	Via DALI signal line	2 mA	1-4 Scenes	20	44*46*14



DALI-P03

DALI Dimmer

Feature

- Comply with DALI protocol IEC 62386
- Brightness setting for luminaries with DALI interface
- Storing a basic brightness and a fixed power-on brightness
- Fashion and easy to use
- Installation in appliance box to DIN 49073
- Suitable for home, office, hotel, engineering, etc.

Item No.	Input Voltage	Power Consumption	Control Signal	DALI Protocol	G.W.(g)	Size(mm)
DALI-P02	100-240VAC	1W	DALI Signal	IEC60929/IEC62386	110	86*86*50

DALI Reset Switch Panel

Feature

- Fashion, and easy to use
- Structure is designed based on single 86 boxes, it is very convenient for wiring installation

Description

Panel is mainly cooperated with DALI-GSC-4 Its main function is trigger the scenes can match with all kinds of different standards of wall boxes, suitable for hotel, club house, office and other places that need to control lights.



Parameter

Item No.	Input Voltage	Output Current	Type	G.W.(g)	Dimension
RSSW-01	12V	<50mA*2Channels	Dual control switch	145	86*86*16
RSSW-02	12V	<50mA*4Channels	Dual control switch	145	86*86*16
RSSW-03	12V	<50mA*6Channels	Dual control switch	145	86*86*16
RSA-01	12V	<50mA*2Channels	Dual control switch	105	86*86*16
RSA-02	12V	<50mA*4Channels	Dual control switch	105	86*86*16
RSA-03	12V	<50mA*6Channels	Dual control switch	105	86*86*16



Constant Voltage DALI Decoder Series

Feature




- Support DALI protocol IEC62386
- DALI digital control input, PWM dimming output
- Support short circuit, over current protection
- Support TouchDim function and can be dimmed manually

Description

DC power input and PWM output. This series is widely used for brightness adjusting and color-temp controlling of constant voltage lights.



Parameter

RoHS   							
Item No.	Input Voltage	Output Current	Output Voltage	Output Power	TouchDIM	G.W.(g)	Size(mm)
DALI6001	12-24VDC	5A*1Channel	12-24VDC	60-120W	Support	38	128*30*19.2
DALI6002E1	12-24VDC	10A*2Channels	12-24VDC	120-240W*2	Support	112	167*51*23
DALI6003E1	12-24VDC	6A*3Channels	12-24VDC	72-144W*3	Support	112	167*51*23
DALI6004	12-24VDC	5A*4Channels	12-24VDC	60-120W*4	Support	112	167*51*23
DIM101D-DIN	12-24VDC	10A*1Channel	12-24VDC	120-240W	Support	86	112*35*67



Constant Voltage DALI Driver Series

Feature

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

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 0-100% range (LED brightness starts at 1%)



Parameter

Item No.	Input Voltage	Output Current	Output Voltage	Output Power	TouchDIM	G.W.(g)	Size(mm)
EUP12D-1W12V-0	100-240VAC	1A*1Channel	12VDC	12W	Support	85	73*36*29
EUP40D-1W12V-0	100-240VAC	3.4A*1Channel	12VDC	40W	Support	220	137*82*31
EUP40D-1W24V-0	100-240VAC	1.7A*1Channel	24VDC	40W	Support	220	137*82*31
EUP75D-1H12V-0	200-240VAC	6.2A*1Channel	12VDC	75W	Support	415	204*54*33
EUP75D-1H24V-0	200-240VAC	3.1A*1Channel	24VDC	75W	Support	415	204*54*33
EUP75D-1H12V-0E1	200-240VAC	6.2A*1Channel	12VDC	75W	Support	300	210*57*34
EUP75D-1H24V-0E1	200-240VAC	3.1A*1Channel	24VDC	75W	Support	300	210*57*34
EUP75D-1H12V-0WP	200~240VAC	6.2A*1Channel	12VDC	75W	Support	600	188*52*35
EUP75D-1H24V-0WP	200~240VAC	3.1A*1Channel	24VDC	75W	Support	600	188*52*35
EUP135D-1W12V-0	100-240VAC	11.25A*1Channel	12VDC	135W	Support	668	196*75*40
EUP150D-1W24V-0	100-240VAC	6.25A*1Channel	24VDC	150W	Support	610	196*75*40
EUP300D-1H12V-0WP	200-240VAC	25A*1Channel	12VDC	300W	Support	1500	307*70*44
EUP300D-1H24V-0WP	200-240VAC	12.5A*1Channel	24VDC	300W	Support	1500	307*70*44

Constant Current DALI Driver Series

Feature

- Support DALI protocol IEC62386
- High efficiency up to 88%
- Built-in active PFC function
- Support short circuit, over current and over temp. protection

Description

Support DALI protocol IEC62386 and support constant current output. This series is mainly used for brightness adjusting. It has the functions of both decoder and driver. Dimming with 0-100% range (LED brightness starts at 1%)



Constant Current DALI Driver Series

Parameter

CB   SAA  DALI RoHS 

Item No.	Input Voltage	Output Current	Output Voltage	Output Power	Touch DIM	G.W.(g)	Size(mm)
EUP5D-1HMC-0SE	200-240VAC	170mA*1Channel	6-21VDC	3.6W	Support	60	128*30*19.2
EUP11D-1W350C-0	100-240VAC	350mA*1Channel	3-31VDC	11W	Support	110	73*36*29
EUP11D-1W500C-0	100-240VAC	500mA*1Channel	3-21VDC	11W	Support	110	73*36*29
EUP11D-1W700C-0	100-240VAC	700mA*1Channel	3-16VDC	11W	Support	110	73*36*29
EUP12D-1WMC-0	100-240VAC	280/350/500mA*1Channel	3-42VDC	12W	Support	130	150*43*29
EUP20D-1WMC-0	100-240VAC	350/500/700mA*1Channel	3-42VDC	20W	Support	130	150*43*29
EULP20D-1WMC-0	100-240VAC	300/500/700mA*1Channel	9-58VDC	20W	Support	230	280*30*21
EUP25D-MC-0	100-240VAC	350/500/700mA*1Channel	3-40VDC	25W	Support	158	167*51*21
EUP30D-1HMC-0	200-240VAC	600/700/800/900mA*1Ch	3-50VDC	30W	Support	150	150*43*29
EULP35D-1WMC-0	100-240VAC	600/700/800/900mA*1Ch	9-59VDC	32W	Support	230	280*30*21
EUP40D-1WMC-0SE	100-240VAC	350/500/700/1050mA*1Ch	20-75VDC	40W	Support	238	137*82*31
EUP50D-1WMC-0	100-240VAC	500/700/1050/1200mA*1Ch	9-65VDC	50W	Support	220	137*82*31
EULP50D-1HMC-0	200-240VAC	900/1000/1100/1200mA*1Ch	9-56VDC	50W	Support	230	278*30*28
EUP60D-1HMC-0	200-240VAC	1050/1200/1400mA*1Ch	9-58VDC	60W	Support	410	203*54*33
EUP60D-1HMC-0E1	200-240VAC	1050/1200/1400mA*1Ch	9-58VDC	60W	Support	365	210*57*34
EUP60S-700D	120 – 277VAC	700mA*2Channel	4-43VDC	60W	Support	380	204*54*33
EUP100D-1HMC-0	200-240VAC	900/1050/1200/1400/1700/2100mA*1Ch	20-85VDC	100W	Support	520	196*75*40



Constant Current DALI Decoder Series

Feature

- Support DALI protocol IEC62386
- Support TouchDim function and can be dimmed manually
- Automatically searching address
- Support short circuit, over current protection
- DC power input

Description

Support DALI protocol IEC62386 and support constant current output. This series is mainly used for brightness adjusting and color-temp. adjusting of LED constant current lights. Widely used in hotel, hospitals and offices.



Parameter

DALI RoHS 

Item No.	Input Voltage	Output Current	Output Voltage	Output Power	TouchDIM	G.W.(g)	Size(mm)
DALI-S1L350C-0	12-48VDC	350mA*1Channel	9-40VDC	3-13W	Support	105	168*39.4*30
DALI-S1L700C-0	12-48VDC	700mA*1Channel	9-40VDC	3-36W	Support	105.5	168*39.4*30



0-10V/1-10V Dimmer Series

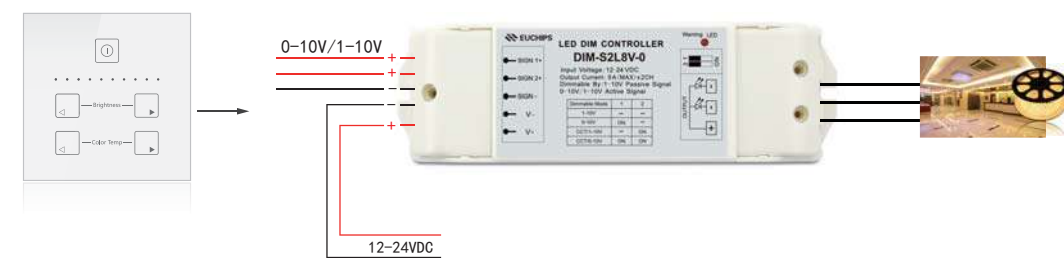


Wiring Diagram

Constant Voltage Dimmer Series



Constant Voltage Analog Dimmer Series(CCT Mode)



Constant Current Dimmable Driver Series



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.

0-10V Panel Controller Series



Feature

- ▶ 0-10V dimming, with smooth dimming curve
- ▶ Glass material, with stylish appearance
- ▶ With touchable buttons, easy to learn and use

Description

WallDim series are designed with fashionable and beautiful appearance, complete functions, easy operations, touch keys, 0-10V signal controller and various forms. It is mainly used to connect with 0-10V/1-10V controllers. It can realize 0-10V/1-10V smooth dimming effect according to different requirements.

Parameter

Item No.	Output Channel	Input Voltage	Output Current	Output Signal	G.W.(g)	Size(mm)
WALLDIM103	1	/	/	0-10VDC	140	86*86*44
WALLDIM202	2	12-24VDC	50mA*2Channel	0-10VDC	130	86*86*38
WALLDIM200	1	90-265VAC	50mA*1Channel	0-10VDC	196	86*86*38
WALLDIM201	1	15-48VDC	150mA*1Channel	0-10VDC	120	86*86*10
PA-112U	1	100-240VAC	15mA*1Channel	0-10VDC	241	120*72*41.8

RoHS CE

Analog Signal Amplifier

EUC601

Analog Signal Amplifier

Feature

- ▶ Used to amplify power of the analog signal
- ▶ The input signal can be 0-10V active signal, resistance/passive signal, or PWM signal
- ▶ High quality amplifier, output current of 200mA
- ▶ Used for the situation that the main controller's driver ability isn't enough
- ▶ Many signal amplifiers can be connected in series

Parameter

Item No.	Input Voltage	Output Current	Output Voltage	Input Signal	G.W.(g)	Size(mm)
EUC601	15-48VDC	200mA*1Channel	0-10VDC	0-10V active signal, resistance/passive signal, or PWM signal	90	168*39.4*30



Constant Voltage Dimmer Series

Constant Voltage Dimmable Driver Series

Feature

- Support various of analog dimming signals
- Support dimming curve selection function
- Support minimum brightness up-regulation function
- Support the short circuit, over-current protection and alarm indicating function

Feature

- Support 0-10V/1-10V analog dimming signal, active or passive signals
- Smooth dimming curve, no flicker
- Customized

Description

0-10V/1-10V dimmers are widely used for dimming LED strips, LED modules.

Description

0-10/1-10v products can match Lutron, Dynalite, etc. They are widely used with constant voltage LED lightings, such as LED strips, MR16, etc. Also short circuit, overload, over voltage protection can make the system safe.



Parameter

SELV RoHS CE

Item No.	Input Voltage	Output Current	Output power	Dim Mode	Multifunction Switch	G.W.(g)	Size(mm)
DIM-S1L10V-0	12-24VDC	10A*1 Channel	120-240W	0-10V/1-10V	Support	100	167*51*23
DIM-S2L8V-0	12-24VDC	8A*2 Channels	192-384W	0-10V/1-10V	Support	100	167*51*23
DIML1-10-240	12-24VDC	10A*1 Channel	120-240W	0-10V	No Support	124	165*39*26
DIM118B	12-24VDC	10A*1 Channel	120-240W	1-10V	No Support	124	167*51*23
DIM116	12-24VDC	5A*3 Channel	180-360W	0-10V	No Support	140.5	165*39*26
Multidim-15V-0	12-24VDC	15A*1 Channel	180-360W	0-10V/1-10V	Support	115.5	167*51*23
DIM151A-DIN	12-24VDC	15A*1 Channel	180-360W	0-10V/1-10V	Support	85	112*35*67



Constant Voltage Dimmable Driver Series

Parameter

							RoHS	CE
Item No.	Input Voltage	Output Current	Output Voltage	Output power	Dim Mode	G.W.(g)	Size(mm)	
EUP12A-1W12V-1	100-240VAC	1A*1 Channel	12VDC	12W	1-10V	115	73*36*29	
EUP40A-1W12V-1	100-240VAC	3.4A*1 Channel	12VDC	40W	1-10V	245	122*78*32	
EUP40A-1W24V-1	100-240VAC	1.7A*1 Channel	24VDC	40W	1-10V	245	122*78*32	
EUP75A-1H12V-1	200-240VAC	6.2A*1 Channel	12VDC	75W	1-10V	412	204*54*33	
EUP75A-1H24V-1	200-240VAC	3.1A*1 Channel	24VDC	75W	1-10V	412	204*54*33	
EUP75A-1H12V-1E1	200-240VAC	6.2A*1 Channel	12VDC	75W	1-10V	300	210*57*34	
EUP75A-1H24V-1E1	200-240VAC	3.1A*1 Channel	24VDC	75W	1-10V	300	210*57*34	
EUP75A-1H12V-1WP	200-240VAC	6.2A*1 Channel	12VDC	75W	1-10V	462	188*52*35	
EUP75A-1H24V-1WP	200-240VAC	3.1A*1 Channel	24VDC	75W	1-10V	462	188*52*35	
EUP150-12A	200-240VAC	12.5A*1 Channel	12VDC	150W	0-10V/1-10V	610.5	200*98*38	
EUP150-24A	200-240VAC	6.25A*1 Channel	24VDC	150W	0-10V/1-10V	610.5	200*98*38	
EUP135A-1W12V-1	100-240VAC	11.25A*1 Channel	12VDC	135W	1-10V	662.5	196*75*40	
EUP150A-1W24V-1	100-240VAC	6.25A*1 Channel	24VDC	150W	1-10V	662.5	196*75*40	
EUP300A-1H12V-1WP	200-240VAC	25A*1 Channel	12VDC	300W	1-10V	1500	307*70*44	
EUP300A-1H24V-1WP	200-240VAC	12.5A*1 Channel	24VDC	300W	1-10V	1500	307*70*44	



Constant Current Dimmable Driver Series

Feature

- ▶ Single channel constant current output , multi-current selection
- ▶ Support 0-10V/1-10V analog dimming signal, active or passive signals
- ▶ Built-in active PFC function
- ▶ Without signal input, it can work as non-dimmable power supplies
- ▶ Smooth dimming curve, no flicker
- ▶ Short circuit protection

Description

This series of products are mainly used with various constant current LED indoor lightings, such as LED spotlights, down lights, panel lights, etc.



Constant Current Dimmable Driver Series

Parameter

CB    RoHS 

Item No.	Input Voltage	Output Current	Output Voltage	Output power	Dim Mode	G.W.(g)	Size(mm)
EUP5A-1HMC-1SE	200-240VAC	170mA*1Channel	6-21VDC	3.6W	1-10V	60	128*30*19.2
EUP12A-1WMC-1	100-240VAC	180/240/300mA*1Channel	9-40VDC	12W	1-10V	120	150*43*29
EUP15A-1WMC-1	100-240VAC	280/350/450mA*1Channel	9-40VDC	15W	1-10V	120	150*43*29
EUP15A-1H500C-1	200-240VAC	350/500mA*1Channel	30-42VDC 20-30VDC	15W	1-10V	105	73*36*29
EUP20A-1WMC-1	100-240VAC	300/500/700mA*1Channel	9-40VDC	20W	1-10V	110	150*43*29
EUP25A-1WMC-1	100-240VAC	350/500/700mA*1Channel	3-42VDC	25W	1-10V	170	167*51*21
EUP30A-1HMC-1	200-240VAC	600/700/800/900mA*1Ch	3-50VDC	30W	1-10V	140	150*43*29
EUP40A-1WMC-1SE	100-240VAC	350/500/700/1050mA*1Ch	20-75VDC	40W	1-10V	245	137*81.5*31
EUP50A-1WMC-1	100-240VAC	500/700/1050/1200mA*1Ch	9-70VDC	50W	1-10V	220	137*82*31
EUP60A-1HMC-1	200-240VAC	1050/1200/1400mA*1Ch	9-58VDC	60W	1-10V	410	204*54*33
EUP60A-1HMC-1E1	200-240VAC	1050/1200/1400mA*1Ch	9-58VDC	60W	1-10V	410	210*57*34
EUP60S-700A	120-277VAC	700mA*2 Channel	4-43VDC	60W	1-10V	394	204*54*33
EUP100A-1HMC-1	200-240VAC	900/1050/1200/ 1400/1700/2100mA*1Ch	20-110VDC	100W	1-10V	520	196*75*40

Triac/ELV Dimmer Series



Leading edge dimmer usually uses thyristor as a switching device, so it is also known as Triac dimmer. It starts working from a 0-phase AC voltage, waiting for the trigger to be turned on. Then the AC voltage will be delivered to the load. Changing sine wave by adjusting the conduction angle of each AC half-wave, thereby changing the effective value of the alternating current, in order to achieve the purpose of dimming.

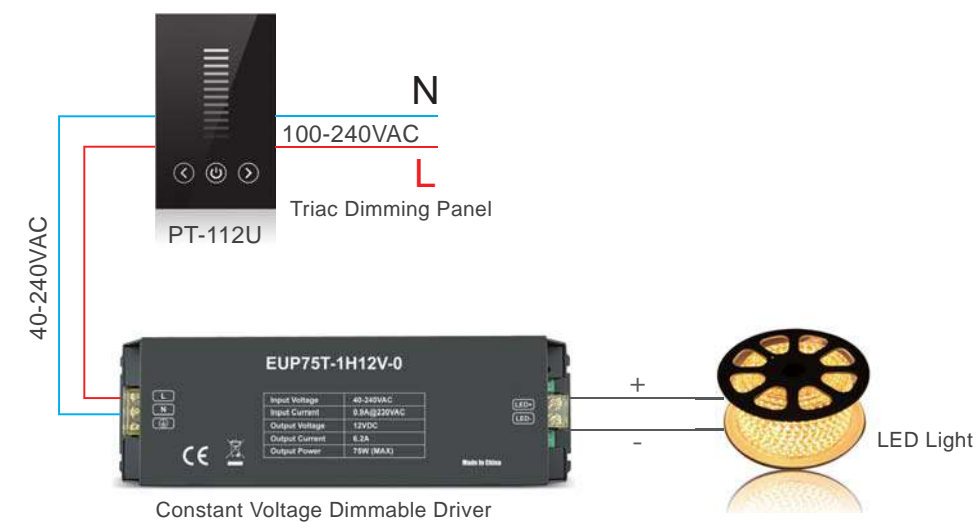
Leading edge dimmer has low costs and is compatible with existing lines, no need of rewiring. So it dominates the market. Most manufacturers also use this type dimmer.

Trailing edge dimmer turns on immediately after a half-wave of the AC voltage begins, when the half-wave voltage reaches the set conduction angle, device shuts down immediately. Similar to Leading edge dimmer, Trailing edge dimmer achieves the purpose of dimming by adjusting the conduction angle. Trailing edge phase cut dimmer usually uses MOSFET as a switching device but not thyristor, because device won't shut down immediately but have to wait until the half-wave voltage pass through zero.

Trailing edge phase control dimmer is composed with the trailing edge phase controller, an active switch, zero-crossing detection circuit and overload protection circuit. It can dim incandescent lamps and adapt the electronic transformer load very well. It works very stably and can be widely used. Compared to Leading edge phase cut dimmer, Trailing edge can theoretically better match with LED sources because there is no minimum current requirement.



Wiring Diagram



Triac/ELV Panel Series

PT-112U

Feature

- ▶ Support Trailing edge(ELV) Dimmer
- ▶ Single channel output, the max current is up to 1A
- ▶ Using tempered glass material, stylish appearance
- ▶ Controlled by touchable buttons, easy to learn and use



PT-112U

Description

Single loop smart lighting control panel, replace traditional dimming knob, can be applied to small space of lighting control.

Parameter

SELV RoHS

Item No.	Input Voltage	Output Current	Output Voltage	Output power	G.W.(g)	Size(mm)
PT-112U	100-240VAC	1A*1Channel	40-240VAC	220W	240	120*74*42

Triac/ELV Master Controller Series

DIM105 DIM105L

Constant Voltage Dimmer Series

Feature

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



Parameter

RoHS

Item No.	Input Voltage	Output Current	Output Power	Dim Mode	Dimming Voltage	G.W.(g)	Size(mm)
DIM105	12-24VDC	15A*1Channel	180-360W	Triac/ELV	40-220VAC	115.5	167*52*24
DIM105L	12-24VDC	15A*1Channel	180-360W	Triac/ELV	40-110VAC	115.5	167*52*24

Triac Bleeder Pro

Feature

- ▶ Active compensation circuit
- ▶ With over temperature protection
- ▶ Load compensation for thyristor controlled silicon



Parameter

RoHS

Item No.	Input Voltage	Power (Typical)	Current	G.W.(g)	Size(mm)
Triac Bleeder Pro	110VAC ~ 240VAC	4W@110VAC / 3.4W@220VAC	44mA@110VAC / 31.5mA@220VAC	245	144*63*40

Triac Bleeder TB01

Feature

- ▶ Active compensation
- ▶ Wide input voltage of 100VAC ~ 240VAC
- ▶ Suitable for TRIAC circuit load compensation



Item No.	Input Voltage	Power (Typical)	Current	G.W.(g)	Size(mm)
Triac Bleeder TB01	100VAC ~ 240VAC	3W@115VAC / 1.5W@230VAC	37mA@115VAC / 24mA@230VAC	75	73*36*29



Walldim105 (Triac) Walldim106 (ELV)

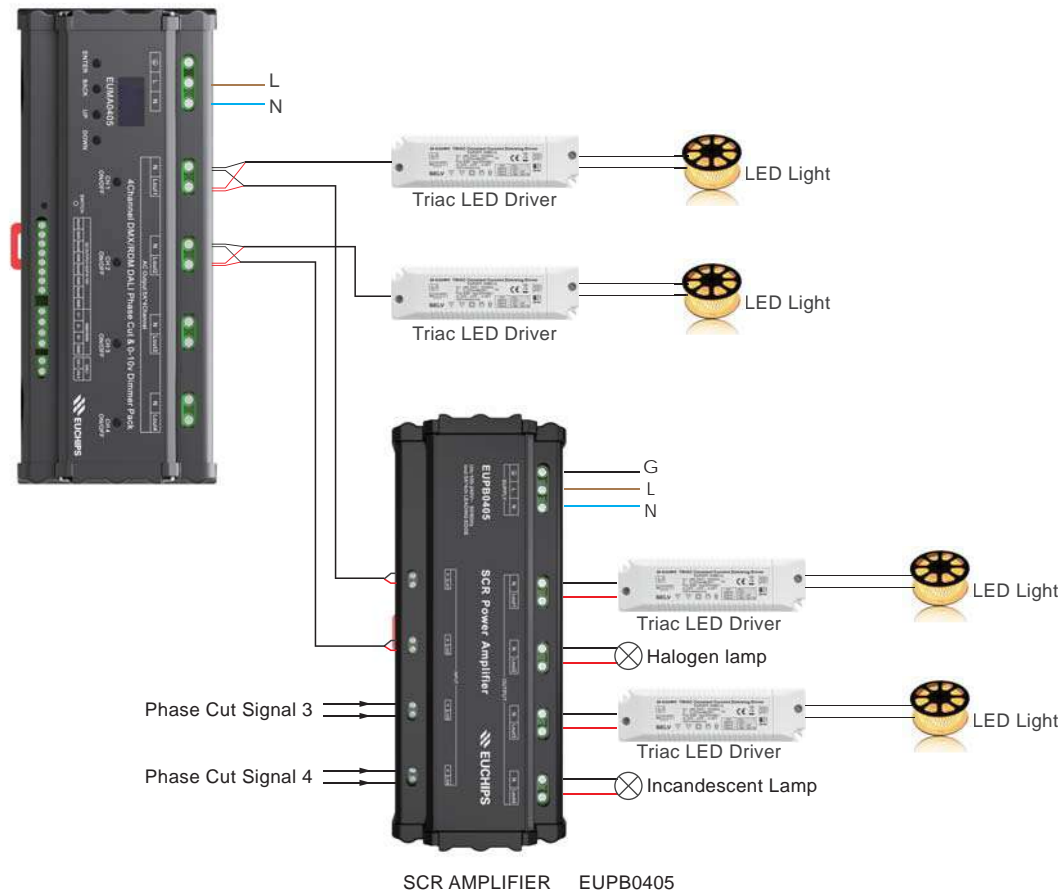
Triac / ELV Dimmer

Feature

- ▶ Support leading edge for Walldim 105
 - ▶ Support trailing edge for Walldim 106
 - ▶ Suitable for phase cut dimming power supply, incandescent lamp, 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

Item No.	Input Voltage	Standby loss	Load range	G.W.(g)	Size(mm)
Walldim105	200-240VAC	< 0.1W	4-500W	110	86*86*50
Walldim106	200-240VAC	< 0.1W	4-400W	110	86*86*50

Wiring Diagram



Triac/ELV Master Controller Series

EUPB0105

SCR AMPLIFIER

Feature

- ▶ Single channel output of 5A
- ▶ Accept leading and trailing edge signal,output leading edge
- ▶ Standard 35 mm din rail, convenient installation
- ▶ Suitable for use with TRIAC dimming driver, incandescent, low voltage, neon and selected fluorescent fixtures.



Parameter

CB RoHS CE

Item No.	Input Voltage	Output Current	Output power	G.W.(g)	Size(mm)
EUPB0105	100~240V	5A*1Channel	1100W	380	121.5*96.5*65.5

EUPB0405

SCR AMPLIFIER

Feature

- ▶ Single channel output of 5A
- ▶ Accept leading and trailing edge signal,output leading edge
- ▶ Standard 35 mm din rail, convenient installation
- ▶ Suitable for use with TRIAC dimming driver, incandescent, low voltage, neon and selected fluorescent fixtures.



Parameter

CB RoHS CE

Item No.	Input Voltage	Output Current	Output power	G.W.(g)	Size(mm)
EUPB0405	100~240V	5A*4Channel	4400W	950	222.5*96.5*65.5

EUCS0405

Power sensor

Feature

- ▶ AC input terminal voltage, current, power, power factor
- ▶ Sampling accuracy 5%
- ▶ Standard 35 mm din rail, convenient installation



Parameter

CB RoHS CE

Item No.	Input voltage range	Input current sampling range	Output Current	G.W.(g)	Size(mm)
EUCS0405	0-277VAC	0-5Aac	10A*4Channels	TBD	TBD

Constant Voltage Dimmable Driver Series

Feature

- Support Leading edge (TRIAC) and Trailing edge (ELV)
- Indicator light of power supply
- Output short-circuit protection, over load protection, over current protection
- Smooth dimming curve, no flicker

Description

Suitable for various constant voltage indoor LED lightings, such as LED strip light, LED flood light, etc. Widely used in hotel, market, office, home, etc.

Parameter



Item No.	Input Voltage	Output Current	Output Voltage	Output Power	Dim Mode	G.W.(g)	Size(mm)
EUP12T-1W12V-1	200-240VAC	1A*1Channel	12VDC	12W	Triac/ELV	85	73*36*29
EUP40T-1W12V-0	200-240VAC	3.3A*1Channel	12VDC	40W	Triac/ELV	210	137*82*31
EUP40T-1W24V-0	200-240VAC	1.67A*1Channel	24VDC	40W	Triac/ELV	210	137*82*31
EUP75T-1H12V-0	200-240VAC	6.2A*1Channel	12VDC	75W	Triac/ELV	380	204*54*33
EUP75T-1H24V-0	200-240VAC	3.1A*1Channel	24VDC	75W	Triac/ELV	380	204*54*33
EUP75T-1H12V-0E1	200-240VAC	6.2A*1Channel	12VDC	75W	Triac/ELV	300	210*57*34
EUP75T-1H24V-0E1	200-240VAC	3.1A*1Channel	24VDC	75W	Triac/ELV	300	210*57*34
EUP75T-1H12V-0WP	200-240VAC	6.2A*1Channel	12VDC	75W	Triac/ELV	462	188 *52*35
EUP75T-1H24V-0WP	200-240VAC	3.1A*1Channel	24VDC	75W	Triac/ELV	462	188 *52*35
EUP120T-1W12V-0	200-240VAC	10A*1Channel	12VDC	120W	Triac/ELV	515	196*75*40
EUP120T-1W24V-0	200-240VAC	5A*1Channel	24VDC	120W	Triac/ELV	670	196*75*40
EUP150T-1H12V-0	200-240VAC	12.5A*1Channel	12VDC	150W	Triac/ELV	842	260*78.3*45
EUP150T-1H24V-0	200-240VAC	6.25A*1Channel	24VDC	150W	Triac/ELV	842	260*78.3*45
EUP300T-1H12V-0WP	200-240VAC	25A*1Channel	12VDC	300W	Triac/ELV	1500	307*70*44
EUP300T-1H24V-0WP	200-240VAC	12.5A*1Channel	24VDC	300W	Triac/ELV	1500	307*70*44
DIM106H-12	200-240VAC	12.5A*1Channel	12VDC	150W	Triac/ELV	612	200*98*39
DIM106H-24	200-240VAC	6.25A*1Channel	24VDC	150W	Triac/ELV	612	200*98*39
DIM107H-12	200-240VAC	8.5A*1Channel	12VDC	100W	Triac/ELV	566	200*98*39
DIM107H-24	200-240VAC	4.5A*1Channel	24VDC	100W	Triac/ELV	566	200*98*39

Constant Voltage Dimmable Driver Series



Constant Current Dimmable Driver Series

Feature

- Multi-current selection
- Support Leading edge (TRIAC) and Trailing edge (ELV) Dimmer
- Smooth dimming curve
- Output short circuit protection and over current protection

Description

Suitable for various constant current indoor LED lightings, such as LED down light, COB spotlight, ceiling light, panel light, etc.
Widely used in hotel, market, office, home, etc.



Parameter



Item No.	Input Voltage	Output Current	Output Voltage	Output Power	Dim Mode	G.W.(g)	Size(mm)
EUP6T-1H350C-0	200-240VAC	350mA*1Ch	11-17VDC	6W	Triac/ELV	60	94*30*21
EUP6T-1H700C-0	200-240VAC	700mA*1Ch	6-9VDC	6W	Triac/ELV	60	94*30*21
EUP12T-1HMC-0	200-240VAC	180/240/300mA*1Ch	3-42VDC	12W	Triac/ELV	130	150*43*29
EUP15T-1HMC-0	200-240VAC	350/500/700mA*1Ch	3-42VDC	15W	Triac/ELV	130	150*43*29
EUP18T-MC-0	200-240VAC	350/500/700mA*1Ch	3-48VDC	18W	Triac/ELV	140	102*66*30
EUP20T-1HMC-0	200-240VAC	350/500/700mA*1Ch	9-40VDC	20W	Triac/ELV	130	153*41*28
EUP30T-1HMC-0	200-240VAC	600/700/900mA*1Ch	3-55VDC	30W	Triac/ELV	120	150*43*29
EUP30T-MC-0	220-240VAC	350/500/700/1050mA*1Ch	3-40VDC	30W	Triac/ELV	175.8	137*81.5*31
EUP45T-1WMC-0	200-240VAC	500/700/900/1050mA*1Ch	33-65VDC	45W	Triac/ELV	225	137*81.5*31
EUP60T-1HMC-0	200-240VAC	900/1050/1200/1400mA*1Ch	24-85VDC	60W	Triac/ELV	240	137*81.5*31
EUP60T-1HMC-0WP	200-240VAC	1050/1200/1400mA*1Ch	9-89VDC	60W	Triac/ELV	TBD	178 *52*35
EUP100T-1HMC-0WP	200-240VAC	1400/1700/2100mA*1Ch	20-90VDC	100W	Triac/ELV	TBD	TBD

LED Power Amplifier Series



Feature

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

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.



Parameter



Item No.	Input Voltage	Output Current	Output Voltage	Output Power	G.W.(g)	Size(mm)
RP1-10A-DIN	12-24VDC	10A*1Channel	12-24VDC	120-240W	90	112*35*67
RP3-5A-DIN	12-24VDC	5A*3Channels	12-24VDC	180-360W	100	112*35*67
RP310	12-24VDC	10A*1Channel	12-24VDC	120-240W	138	165*39*26
RP306	12-24VDC	5A*3Channels	12-24VDC	180-360W	142	165*39*26
RP306W	12-24VDC	3A*3Channels	12-24VDC	108-216W	208	200*31*21
RP316	12-24VDC	6A*3Channels	12-24VDC	216-432W	80	168*51*22
RP416	12-24VDC	5A*4Channels	12-24VDC	240-480W	120	168*51*22
RP530	12-24VDC	10A*3Channels	12-24VDC	360-720W	225	82.4*91*25

SPI Controller Series



These two controllers can control LED lamps that are compatible with IC based on LPD6803 LPD1101, D705, UCS6909, UCS6912, LPD8803, LPD8806, TM1803, TM1804, TM1809, TM1812, UCS1903 UCS1909, UCS1912 UCS2903, UCS2909, UCS2912, TLS3001, TLS3002, WS2801,WS2803, WS2811, WS2812B, P9813, etc.

And they support DMX512/1990 international standard protocol interface,containing at the same time the DMX and SPI master control modes, with 30 kinds of dynamic models of adjustable speed and brightness; Meanwhile,they also contain DMX-SPI decoder mode,and then each channel of LED lamps that are compatible with IC could be controlled by DMX master, achieving 0-100% dimming or programming various changing effects.

With the RF remote, SPI100 - RF can conviniently choose various dynamic lighting effects and adjust the speed or brightness.



SPI100



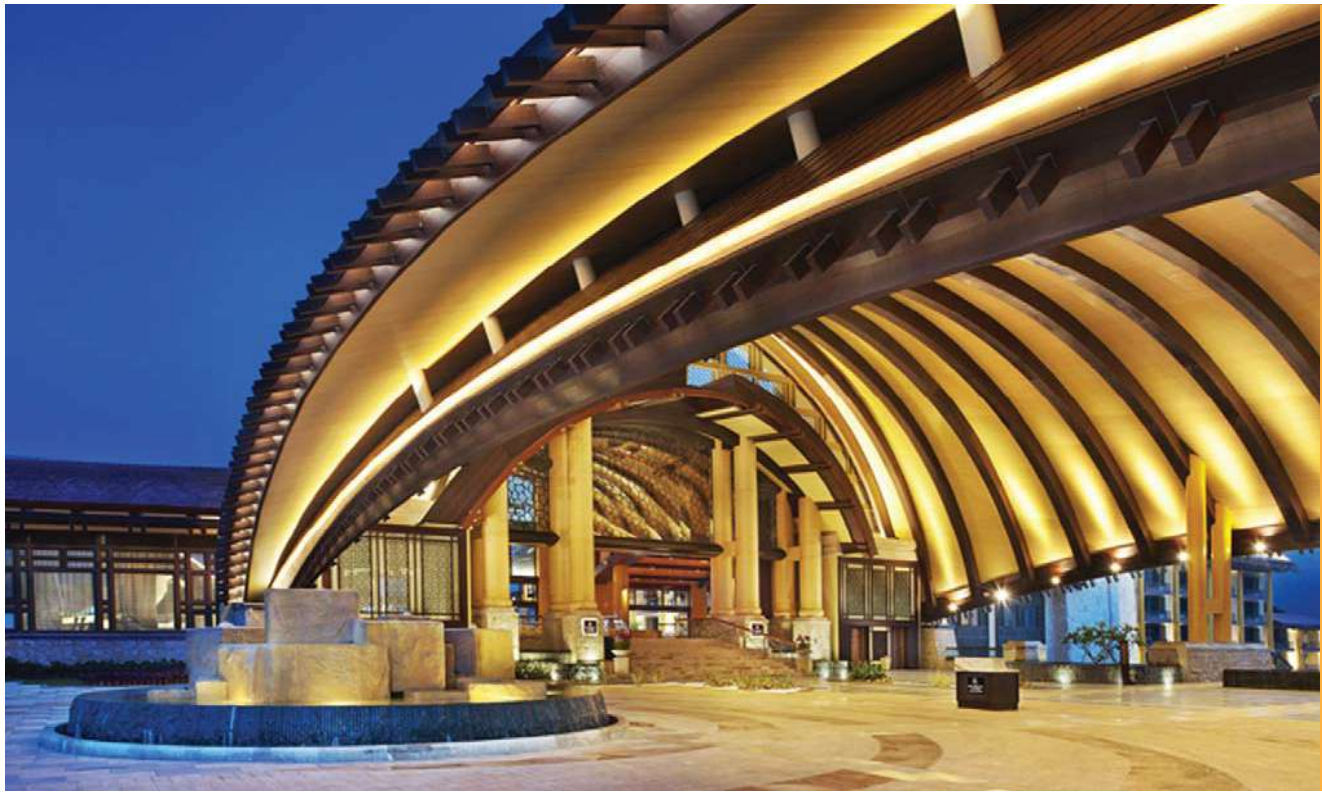
SPI100-RF

Parameter



Item No.	Input Voltage	Output Current	Output Signal	Input Signal	Change Mode	Control Quantity	G.W.(g)	Size(mm)
SPI100	5~24VDC	5A*1channel	SPI(TTL)	DMX512	30	170 Pixel	145	67*50*22
SPI100-RF	5~24VDC	5A*1channel	SPI(TTL)DMX	DMX512	30	500 Pixel	140	67*50*22

LED Wireless Controller Series



With ten years' developing experience, CT wireless controllers adopt the advanced RF technology of 2.4G wireless signal, and they get a strong penetration,a gentle dimming effect, and a colorful dynamic changes. They are creatively designed with a user-friendly experience.

Presently, Euchips have developed RF series, WiFi series, 2.4G color-temperature and RGBW bulbs. The products have been widely used in LED single color dimming, color-temperature or RGBW controlling, meeting users' different dimming requirements.

LED Wireless Controller Series

Feature

- For LED RGB+White controlling
- With memory function
- Wireless controlling, with the maximum distance of 20m
- Over-current, short circuit and over-temperature protection

Description

Wireless controllers are mainly used to control the brightness, color temperature, and the colors of LED lamps. With various kinds of pre-set modes,some of them support group control.



Parameter

Item No.	Input Voltage	Output Current	Mode	Brightness	Speed	RF Type	G.W.(g)	Size(mm)
CT202-RF	12-24VDC	5A*2Channels	/	16	/	RF	140	65*64*24
CT302-RF	12-24VDC	6A*3Channels	10	16	8	RF	93	167*52*24
MCT309	12-24VDC	3A*3Channels	17	32	8	2.4GHz	38	128*30*19.2
CT402-RF	12-24VDC	5A*4Channels	16	16	8	RF	130	65*64*24
MCT408	12-24VDC	2A*4Channels	17	32	8	2.4GHz	38	128*30*19.2
CT318	12-24V DC	6A*3Channels	17	32	8	2.4GHz	115	168*51*22
CT420	12-24VDC	5A*4Channels	17	32	8	2.4GHz	115	168*51*22
CT308ARF	5-24VDC	6A*3Channels	5	8	8	RF	155	211*40*30
CT530-RF	5-24VDC	10A*3Channels	29	8	8	RF	232	82.4*91*25
CT110A	12-24VDC	15A*1Channel	7	256	8	RF	125	155*40*30
DIML168-IR	12-24VDC	10A*1Channel	/	256	/	IR	112.5	87*87*36
CT102	12-24VDC	5A*3Channels	4	55	/	/	153	87*87*67

RoHS

LED Wireless Driver Series

Feature

- brightness is cotrolled by remote
- Multi-current output for selection
- protection of over current and short circuit

Description

Wireless drivers are mainly used to control the brightness and color-temperature by 2.4G signal.Brightness from 1-100%,and without storboflash.Constant current drivers with 60W max. output and Constant voltage drivers with 75W max. output.They can be also controlled by WIFI through WIFI to 2.4G gateway(WIFI-203).



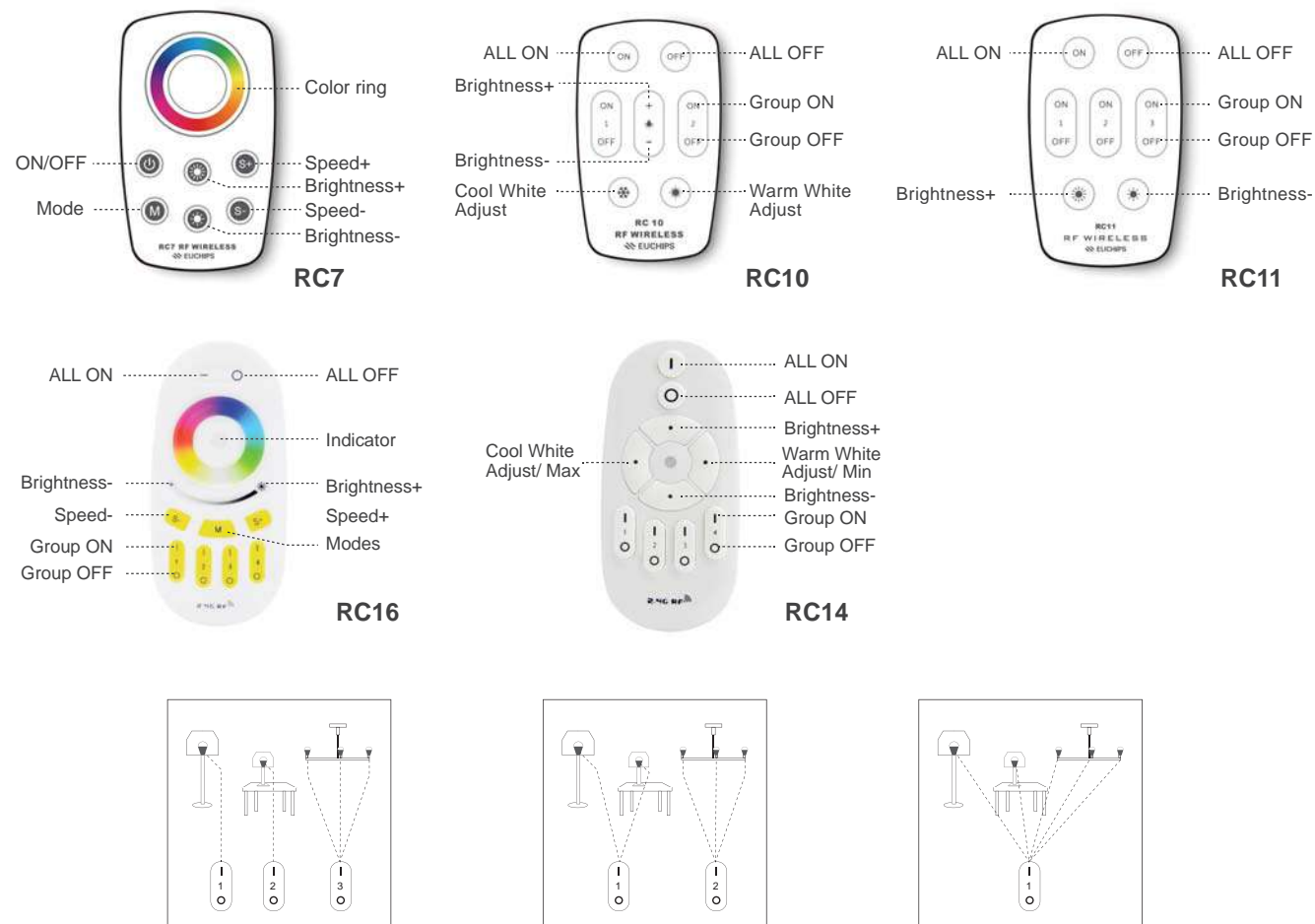
Parameter

Item No.	Input Voltage	Constant Current	Output Voltage	Output power	RF Type	G.W.(g)	Size(mm)
EUP12R-1WMC-0	100-240VAC	180/240/300mA*1Channel	9-40VDC	12W	2.4GHz	120	150*43*29
EUP15R-1WMC-0	100-240VAC	280/350/450mA*1Channel	9-40VDC	15W	2.4GHz	120	150*43*29
EUP20R-1WMC-0	100-240VAC	300/500/700mA*1Channel	9-40VDC	20W	2.4GHz	120	150*43*29
EUP30R-1HMC-0	200-240VAC	600/700/800/900mA*1Channel	3-50VDC	30W	2.4GHz	120	150*43*29
EUP40R-1WMC-0	100-240VAC	350/500/700/1050mA*1Channel	20-75VDC	40W	2.4GHz	210	137*82*31
EUP50R-2WMC-0	100-240VAC	500/600/700/850mA*2Channel	9-50VDC	50W	2.4GHz	260	204*54*33
EUP60R-1WMC-0	100-240VAC	1050/1200/1400mA*1Channel	5-48VDC	60W	2.4GHz	370	204*54*33
Item No.	Input Voltage	Ontput Current	Constant Voltage	Output power	RF Type	G.W.(g)	Size(mm)
EUP12R-1W12V-0	100-240VAC	1A*1Channel	12VDC	12W	2.4GHz	115	73*36*29
EUP40R-1W12V-0	100-240VAC	3.4A*1Channel	12VDC	40W	2.4GHz	245	137*82*31
EUP40R-1W24V-0	100-240VAC	1.7A*1Channel	24VDC	40W	2.4GHz	245	137*82*31
EUP75R-1H12V-0	200-264VAC	6.2A*1Channel	12VDC	75W	2.4GHz	300	210*57*34
EUP75R-1H24V-0	200-264VAC	3.1A*1Channel	24VDC	75W	2.4GHz	300	210*57*34

RoHS

Remote Control Series

RC7 / RC10 / RC11 / RC14 / RC16



Matching Code and Grouping

Choose the LED controller you want to match, turn off the power for 10s, then turn on the power, please quick press button of "Group On" of the group you want to assign within 5s. Lights will flick for 3 times if connected successfully.

Clearing Code and Grouping

Choose the controller you want to clear, turn off the power for 10s, then turn on the power. At same time, please quick press the button of "All On" for 6 times within 5s. Lights will flick for 6 times if code cleared successfully.

Parameter

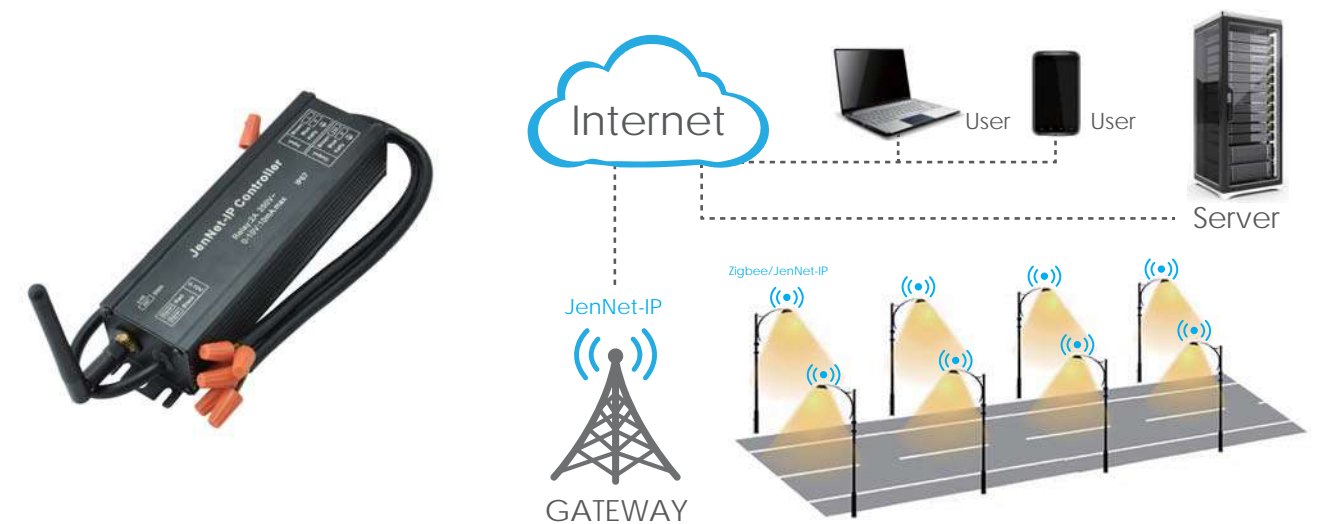
Item No.	Power supply	Remote distance	Mode	Group	RF Type	Material	G.W(g)	Size(mm)
RC7	3V Button cell	20m	RGBW	1	2.4Ghz ISM	ABS	35	100*61.5*9
RC10	3V Button cell	20m	CCT	2	2.4Ghz ISM	ABS	35	100*61.5*9
RC11	3V Button cell	20m	Brightness	3	2.4Ghz ISM	ABS	35	100*61.5*9
RC14	AAA Dry battery*2	20m	CCT	4	2.4Ghz ISM	ABS	50	120*52*20.5
RC16	AAA Dry battery*2	20m	RGBW	4	2.4Ghz ISM	ABS	54	120*52*20.5

RoHS CE

Zigbee/JenNet-IP Control System



This is a JenNet-IP wireless system. It includes a SCADA software, a Gateway, and JenNet-IP (based on Zigbee) modules. Street lamps, tunnel lamps, highbays etc can be controlled by wireless technology of this system.



Parameter

Item No.	Input Voltage	Relay Output	0-10V Output	RF Type	Connect Distant	G.W.(g)	Size(mm)
JenNet-IP Controller	100-240VAC	5A	20mA*1Channel	JenNet-IP 2.4G	1km	564	184*51*34

Intelligent lamp series



Feature

- ▶ 30,000 hours average lifetime
- ▶ No mercury
- ▶ Available in daylight or warm white
- ▶ Can adjust the RGBW Color,brigtness and color-temp



KSF314D0F



KSF314D4F



ESF800052



ESF801052



KSF314D4D

2.4G RGBW LED Bulb Light

Parameter

RoHS 

Item No.	Input Voltage	Power	Color temperature	Luminous flux	Control	G.W(g)	Size(mm)
KSF314D0F	100-240VAC	7W	3000k RGB	480Lm(3000K)	RC16	107.5	Φ62*118
KSF314D4F	100-240VAC	7W	3000k RGB	500Lm(3000K)	RC16	90	Φ62*112

2.4G CCT Bulb Light

Parameter

RoHS 

Item No.	Input Voltage	Power	Color temperature	Luminous flux	G.W(g)	Size(mm)
ESF800051	100-240VAC	7W	3000-6000k	600Lm(6000K) 520Lm(3000K)	119.5	Φ65*116
ESF801051	100-240VAC	7W	3000-6000k	630Lm(6000K) 550Lm(3000K)	137.5	Φ70*127
KSF314D4D	100-240VAC	7W	3000-6000k	600Lm(6000K)520Lm(3000K)	90	Φ62*112

Music Controller



Feature

- ▶ Meets DMX512 (1990) international standard protocol
- ▶ Support 2 independent DMX512 output
- ▶ Support RGB lamp independent or synchronous control
- ▶ Support the real-time adjustment of brightness, color
- ▶ Built-in 29 modes
- ▶ Pattern of change with the melody
- ▶ LCD screen display the current state
- ▶ Automatic save - parameter, not lost power
- ▶ Compatible with any DMX or DMX lamp driver

Description

EuMusic music controller is one high-performance DMX512 Controller. It can work well with DMX decoder to control color and brightness change, such as the decorative lighting of full color RGB strips, LED mould and perforated lamp etc. Eumusic has 29 built-in scenes. Under music mode, the speed of all dynamic scenes will change automatically with music rhythm. The color, speed and smoothness are all adjustable.

Parameter

RoHS 

Item No.	Input Voltage	Power	Working temperature	Output channel	Dimming protocol	G.W.(g)	Size(mm)
EuMusic	5VDC	<5W	0°C-50°C	2	DMX512	500	133*96*34



Signal Converter



Features

- ▶ Meet DMX512(1990) Protocol
- ▶ Meet DALI protocol IEC62386
- ▶ Support 0-10V/1-10V analog signal output
- ▶ Support SPI chip WS2811B, WS2811F, WS2812, LPD6803, MBI6020, UCS2903 etc

Description

When the signals of controller and decoder are different, Euchips signal converter can transfer them to same signal.



Parameter

RoHS CE

Item No.	Input Voltage	Output Current	Input Signal	Output Signal	G.W.(g)	Size(mm)
PX24608	15-48VDC	50mA*4Channels	DMX512	0-10V/1-10V analog signal	261	175*41.5*33.5
DALI6000	12-24VDC	15mA*1Channel	DALI	0-10V analog signal	107	168*50*23.5
PX24609E1	5-24VDC	5A*1Channel	DMX512	SPI analog signal	125	168*51*22
PX24609	12-24VDC	5A*1Channel	DMX512	SPI Control signal	121	168*51*22
EUC701	24VDC	200mA*8Channels	DMX512	0-10V/1-10V analog signal	560	142*105*48



EU-BUS Controllers Series



Nowadays, Phase-cut is still a common dimming type. In the past, phase-cut dimming was mainly for traditional lighting fixtures, like incandescent lightings etc.. So it has compatibility issues for dimming LED lighting fixtures, such as narrow dimming range, flickering and even failing to dim. To solve these problems, Euchips developed the Leading edge load controllers and Trailing edge load controllers.

Under the background of advocating energy conservation and emissions reduction, more and more equipments are required to enhance the intelligent management of energy consumption. The intelligent on-off load controller is an important part of the system. It can control power on and off of equipments, which makes it more convenient for centralized control and intelligent management.

EU-BUS Controllers Series

EU-BUS Controllers Series

EU-BUS Dimming System Solution



EUR0820

Relay Switch Controller

Features

- Meets DMX512(1990)/RDM and DALI IEC62386 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



Parameter

Input voltage	100-240VAC 50/60Hz
Input control signal	DMX512(1990)/RDM , DALI IEC62386 , EU-BUS
Max output current	20A*8Ch
G.W.(g)	1050g
Equipment size	222.5*93.4*63.2mm(L*W*H),standard 35mm din rail



EUT0802

Leading Edge Controller

Features

- Meets DMX512(1990)/RDM,DALI IEC62386 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 is 2A
- 6.3A fuse delay protection for each 2 outputs
- Output 12VDC,supply for control system
- Set fade time of each channel separately, range of 0.1-10s
- Standard 35 mm din rail, convenient installation
- Can save up to 8 events
- suitable for use with TRIAC dimming driver, incandescent, low voltage, neon and selected fluorescent fixtures.



Parameter

Input voltage	100-240VAC 50/60Hz
Input control signal	DMX512(1990)/RDM , DALI IEC62386 , EU-BUS
Max output current	2A*8Ch
G.W.(g)	1050g
Equipment size	222.5*93.4*63.2mm(L*W*H),standard 35mm din rail

EUMA0405

Phase Cut & 0-10V Dimming Controller

Features

- Meets DMX512(1990)/RDM and DALI IEC62386 protocol
- Output phase cut dimming signal and their synchronous DC 0-10V dimming signal
- phase cut dimming controller can work as leading edge (LPC) mode, trailing edge(TPC) mode or switch mode
- Built-in OLED, the user can operate more conveniently
- Set fades time of each channel separately, range of 0.1-10s
- Standard 35 mm din rail, convenient installation
- Each circuit is equipped with emergency switch that control full brightness (100%) output function



Parameter

Input voltage	100-240VAC
Input control signal	DMX512(1990)/RDM , DALI IEC62386 , EU-BUS
Maximum output current of phase cut	5A*4Ch(AC MOSFET, please take 5A*PF as output current limit for each circuit)
Maximum output signal current	20mA*4Ch(for DC0-10V)
Maximum inrush current limit per channel	100A
G.W.(g)	975g
Equipment size	222.5*93.4*63.2mm(L*W*H),standard 35mm dinrail

EU-BUS Controllers Series



EUR0420

Relay Switch Controller

Features

- ▶ Meets DMX512(1990)/RDM,DALI IEC62386 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 0.1-60.9s
- ▶ Standard 35 mm din rail, convenient installation
- ▶ Relay switch channel can be turned on and off manually
- ▶ Can save up to 8 events
- ▶ Suitable for intelligent lighting control - Home Furnishing, office buildings, schools, stadiums, outdoor architecture etc.

Parameter

Input voltage	100-240VAC 50/60Hz
Input control signal	DMX512(1990)/RDM,DALI,and EU-BUS signal
Max output current	20A*4Ch
G.W.(g)	580g
Equipment size	167*93.4*63.2mm(L*W*H),standard 35mm din rail



EUR1220

Relay Switch Controller Summary

Features

- ▶ Meets DMX512(1990)/RDM,DALI IEC62386 protocol and EU-BUS protocol developed by EUCHIPS
- ▶ Output 12 channel relay switch signal
- ▶ Built-in OLED, the user can operate more conveniently
- ▶ Set fades time of each channel separately, range of 0.1-60.9s
- ▶ Standard 35 mm din rail, convenient installation
- ▶ Relay switch channel can be turned on or off manually
- ▶ Can save up to 8 events
- ▶ Suitable for intelligent lighting control - Home Furnishing, office buildings, schools, stadiums, outdoor architecture etc.

Parameter

Input voltage	100-240VAC 50/60Hz
Input control signal	DMX512(1990)/RDM, DALI IEC62386,EU-BUS signal
Max output current	20A*12Ch
G.W.(g)	1100g
Equipment size	295.5*93.4*63.2mm(L*W*H),standard 35mm din rail



EU-BUS Controllers Series



EUCT01

Network time clock

Features

- ▶ Comply with DALI IEC62386 protocol and EU-BUS protocol developed by EUCHIPS
- ▶ Built-in OLED, 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 convenient and flexible
- ▶ Supplied via EU-BUS bus, without external power supply
- ▶ The standard 35mm din rail, convenient installation

Parameter

Power supply	Power supply via EU-BUS bus
Protocol	EU-BUS
Maximum Events	64
Default Events	16
Dimension	76*93.4*63.2mm (L*W*H)
G.W.	250g



EUK06

Programmable Contact Access Module

Features

- ▶ Comply with EU-BUS protocol developed by EUCHIPS
- ▶ Can connect to 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

Parameter

Power supply	Supplied via EU-BUS bus
Protocol	EU-BUS
The number of dry contact signal	6
The number of external backlight	6
Dimension	44*46*14mm (L*W*H)
G.W.	20g

Microwave Motion Sensor



ON-OFF Function / Smart Version

Presentation

EUC030S is an innovative and active motion detector with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. The high quality relay is particularly suitable for commercial use with switching power up to 400W for LEDs and fluorescent lamps and up to 800W for incandescent lamps.

Features

- ▶ Automatic switching based on motion and light level
- ▶ Zero-crossing point operation helps protect the sensor against in-rush current
- ▶ Super compact size makes it suitable to fix within most luminaires
- ▶ 4-pole press-in terminal (L, N, N, L'), easy assembly
- ▶ Detection area, time delay and daylight threshold can be precisely set via DIP switch
- ▶ Wide detection area, range up to 12m in diameter



Item No.: EUC030S

Parameter

Operating voltage	220-240VACm,50/60Hz	Hold time	5s/30s/90s/3min/20min/30min
Rated load	400W(inductive),800W(resistive)	Daylight sensor	2lux/10lux/25lux/50lux/Disable
HF system	5.8GHz±75MHz	Mounting height	6m Max.
Transmitting power	<0.5mW	Motion detection	0.5~3m/s
Power consumption	≤0.5W	Detection angle	150°(wall installation) 360°(ceiling installation)
Detection zone	(D*H)12m*6m	Operating temperature	-20~60 °C
Detection sensitivity	10%/25%/50%/75%/100%	IP rating	IP20



Item No.: EUC034S

Parameter

Operating voltage	200-240VAC , 50/60Hz	Daylight sensor	5lux/15lux/50lux/Disable
Rated load	200W(inductive) , 400W(resistive)	Cut size	80mm
HF system	5.8GHz±75MHz	Mounting height	4m Max.
Transmitting power	< 0.5mW	Motion detection	0.5~3m/s
Power consumption	≤0.8W(Standby),<1W(operation)	Detection angle	150°(wall installation) 360° (ceiling installation)
Detection zone	(D*H)10m*4m	Operating temperature	-35~60°C
Mode	High / Normal	IP rating	IP20
Hold time	CH1: 5s/90s/3min/10min Ch2: 5s/5min/10min/20min		



Two-output Occupancy Sensor

Presentation

EUC034S is an innovative and active motion detector with HF system 5.8GHz. It is always functioning regardless of the background temperature. It supplies individual two outputs to control different loads, suitable for bathroom or any other place where requires different ON-OFF control. Three torsion springs support flush mounting and concealed installation.

Features

- ▶ Two individual controls for lighting and ventilator, applicable to bathroom
- ▶ Advanced microwave technology, can detect slight motions
- ▶ Independent sensor for flush mounting and concealed installation
- ▶ Zero-crossing point operation helps protect the sensor against in-rush current
- ▶ Detection area, hold time and daylight threshold can be precisely set by DIP switch

ON-OFF Function / Economical Version

Presentation

EUC008S E is an innovative and active motion detector with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. The sensor supplies a simple energy-saving solution to use light only when and where you need it. It automatically switches on/off light based on motion and ambient light level. Can control all kinds of lamps, for example, halogen, fluorescent and LED lights. Compact size and small casing, suitable to fix within most luminaires. 4-pole press-in terminal (L, N, N, L'), very easy to install.

Features

- ▶ Automatic switching based on motion and light level
- ▶ Zero-crossing point operation helps protect the sensor against in-rush current
- ▶ Compact size makes it suitable to fix within most luminaires
- ▶ 4-pole press-in terminal (L, N, N, L'), easy assembly
- ▶ Detection area, time delay and daylight threshold can be precisely set via DIP switch
- ▶ Wide detection area, range up to 16m in diameter



Item No.: EUC008S E

Parameter

Operating voltage	220-240VAC , 50Hz	Hold time	5s/30s/90s/3min/20min/30min
Rated load	400W(inductive),800W(resistive)	Daylight sensor	2lux/10lux/25lux/50lux/Disable
HF system	5.8GHz±75MHz	Mounting height	6m Max.
Transmitting power	<0.5mW	Motion detection	0.5~3m/s
Power consumption	≤0.5W(Standby),<1W(operation)	Detection angle	150°(wall installation) 360°(ceiling installation)
Detection zone	(D*H)12m*6m	Operating temperature	-20~60 °C
Detection sensitivity	10%/25%/50%/75%/100%	IP rating	IP20



Item No.: EUC042S

Parameter

Operating voltage	220-240VAC, 50/60Hz
Rated load	200W Max
HF system	5.8GHz±75MHz
Transmitting power	<0.5mW
Power consumption	≤0.5W
Detection zone	(D*H)10m*6m
Detection sensitivity	50%/100%

IP65 ON/OFF Function Sensor For Flood Light

Presentation

EUC042S is an innovative and active motion detector with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. Because of high quality microwave motion sensor and programming, the product show high anti-interference capability on breeze and light rain.

Features

- ▶ With 5.8G Hz microwave technology, stable detection performance and long life time
- ▶ Strong anti-interference capacity for raindrop and breeze,suitable for outdoor use
- ▶ Water proof sensor with IP65 rating
- ▶ Long detection area up to 10m with wall mounting
- ▶ Compact housing design, can be applicable to super thin flood light
- ▶ Automatic switching based on motion and ambient light
- ▶ Zero-crossing point operation helps protect the sensor against in-rush current
- ▶ Detection area, hold time can be set via DIP switches easily



Item No.: EUC032S

Parameter

Operating voltage	200-240VAC, 50/60Hz
Rated load	400W(inductive), 800W (resistive)
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	< 0.5mW
Power consumption	≤ 0.5W
Detection zone	Max.(D*H)16m*6m
Detection sensitivity	10%/25%/50%/75%/100%
Hold time	5s/30s/90s/3min/20min/30min

IP65 Microwave Sensor For Flood Light

Presentation

EUC032S is an innovative and active motion detector with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. The high quality relay is particularly suitable for commercial use with switching power up to 400W for LEDs and fluorescent lamps and up to 800W for incandescent lamps.

Features

- ▶ Automatic switching based on motion and light level
- ▶ Zero-crossing point operation helps protect the sensor against in-rush current
- ▶ Super Compact size makes it suitable to fix within most luminaires
- ▶ 3-pole press-in terminal (L, N, L'), easy assembly
- ▶ Detection area, time delay and daylight threshold can be precisely set via DIP switch
- ▶ Wide detection area, range up to 12m in diameter
- ▶ Replace PIR sensor for flood light directly



Item No.: EUC602S

Parameter

Operating voltage	120-277VAC, 50/60Hz
Rated load	120V@400W,240@800W,277V@1000W
HF system	5.8GHz±75MHz
Transmitting power	<0.5mW
Power consumption	≤0.5W(standby)
Detection zone	Max.(D*H)20m*15m
Detection sensitivity	25%/50%/75%/100%

North America Version / ON-OFF Function

Presentation

EUC602S is an innovative and active motion detector with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. As it uses the third generation Merrytek technology,normal 5.8GHz microwave module can easily reach high mounting high up to 12m and long detection area 8-9m.

Features

- ▶ Automatic switching based on motion and light level
- ▶ Zero-crossing point operation helps protect the sensor against in-rush current
- ▶ Super Compact size makes it suitable to fix within most luminaires
- ▶ 4-pole press-in terminal (L, N, N, L'), easy assembly
- ▶ Detection area, time delay and daylight threshold can be precisely set via DIP switch



ON-OFF Function / Enhanced Detection Zone

Presentation

EUC046S is an innovative and active motion detector with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. As it uses the third generation Merrytek technology, normal 5.8GHz microwave module can easily reach high mounting high up to 12m and long detection area 8-9m in radius.

Features

- ▶ Automatic switching based on motion and light level
- ▶ Zero-crossing point operation helps protect the sensor against in-rush current
- ▶ Super Compact size makes it suitable to fix within most luminaires
- ▶ 4-pole press-in terminal (L, N, N, L'), easy assembly
- ▶ Detection area, time delay and daylight threshold can be precisely set via DIP switch
- ▶ Wide detection area, range up to 20m in diameter
- ▶ Support higher mounting height 15m Max



Item No.: EUC046S

Parameter

Operating voltage	220-240VAC, 50/60Hz
Rated load	400W(inductive), 800W (resistive)
HF system	5.8GHz±75MHz
Transmitting power	<0.5mW
Power consumption	≤0.5W
Detection zone	Max. (D*H)20m*15m
Detection sensitivity	25%/50%/75%/100%

Hold time	5s/30s/90s/3min/20min/30min
Daylight sensor	5lux/15lux/30lux/50lux/100lux/Disable
Mounting height	15m Max.
Motion detection	0.5~3m/s
Detection angle	150°(wall installation) 360°(ceiling installation)
Operating temperature	-20~60 C
IP rating	IP20



Item No.: EUC003V/C

Parameter



Operating voltage	200-240VAC, 50/60Hz	Daylight sensor	5lux/10lux/30lux/50lux/Disable
Rated load	800W(inductive), 1200W(resistive)	Stand-by period	5s/5min/10min/30min/1h/Disable
HF system	5.8GHz±75MHz	Stand-by dimming level	10%/20%/30%/50%
Transmitting power	< 0.5mW	Mounting height	10m Max.
Power consumption	≤ 0.5W(standby), <1W(operation)	Motion detection	0.5~3m/s
Detection zone Max.	(D*H)16m*10m	Detection angle	150°(wall installation), 360°(ceiling installation)
Detection sensitivity	10%/25%/50%/75%/100%	Operating temperature	-30~70 ℃
Hold time	5s/30s/90s/3min/20min/30min	IP rating	IP20

Dimming Function / Cluster-control Version

Presentation

EUC003V/C is an innovative and active motion detector with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. Basically, EUC003V/C has the same technical parameters and function as EUC003V, with an extra function, clustercontrol.

Features

- ▶ Particularly suitable for cluster-control
- ▶ Built-in daylight sensor
- ▶ 1-10V interface can match up with Merrytek stand-alone daylight sensor EUS01 and achieve daylight harvesting
- ▶ Compact size makes it suitable to fix within most luminaires
- ▶ Detection area, time delay and daylight threshold can be precisely set via DIP switch
- ▶ Wide detection area, range up to 16m in diameter



Item No.: EUC003V/D

Parameter



Operating voltage	200-240VAC, 50/60Hz	Daylight sensor	5lux/10lux/30lux/50lux/Disable
Rated load	800W(inductive), 1200W(resistive)	Stand-by period	5s/5min/10min/30min/1h/Disable
HF system	5.8GHz±75MHz, ISM wave band	Stand-by dimming level	10%/20%/30%/40%/50%
Transmitting power	<0.5mW	Mounting height	8m Max.
Power consumption	≤0.5W(standby), <1W(operation)	Motion detection	0.5~3m/s
Detection zone	Max.(D*H)16m*8m	Detection angle	50°(wall installation), 360°(ceiling installation)
Detection sensitivity	10%/25%/50%/75%/100%	Operating temperature	-35~70 ℃
Hold time	10s/30s/90s/3min/20min/30min	IP rating	IP20

Dimming Function

Presentation

The sensors allow energy saving without compromising comfort. When used in combination with 1-10V dimmable LED drivers or ballasts, they can achieve 3-step dimming function, which is perfect for use in some areas that requires a light change notice before totally switch off.

Features

- ▶ Unique split design makes it is suitable to fix within lamps which have limited space
- ▶ Automatic dimming when used in combination with 1-10V dimmable LED drivers or ballasts
- ▶ Built-in adjustable daylight sensor
- ▶ 1-10V interface can match up with Merrytek stand-alone daylight sensor MS01 and achieve daylight harvesting
- ▶ 4-pole press-in terminal (L, N, N, L'), easy assembly
- ▶ Compact size makes it suitable to fix within most luminaires
- ▶ Detection area, time delay and daylight threshold can be precisely set via DIP switch



Item No.: EUC049V

Parameter



Operating voltage	200-240VAC, 50/60Hz	Daylight sensor	2lux/5lux/10lux/25lux/50lux/100lux/Disable
Rated capacitive load	800W(inductive),1200(resistive)	Stand-by period	0s/5s/5min/10min/30min/1h/+∞
HF system	5.8GHz±75MHz	Stand-by dimming level	10%/20%/30%/50%
Transmitting power	<0.5mW	Mounting height	15m Max.
Power consumption	≤0.5W(standby), <1W(operation)	Motion detection	0.5~3m/s
Detection zone	Max.(D*H)16m*15m	Detection angle	150°(wall installation),360°(ceiling installation)
Detection sensitivity	10%/50%/75%/100%	Operating temperature	-30~70 ℃
Hold time	5s/30s/90s/3min/20min/30min	IP rating	IP20

Dimming Function / Enhanced detection zone

Presentation

The sensors allow energy saving without compromising comfort. When used in combination with 1-10V dimmable LED drivers or ballasts, they can achieve 3-step dimming function, which is perfect for use in some areas that requires a light change notice before totally switch off.

Features

- ▶ Automatic switching or dimming when used in combination
- ▶ with 1-10V dimmable LED drivers or ballasts
- ▶ Built-in daylight sensor
- ▶ 1-10V interface can match up with Merrytek stand-alone daylight sensor EUCS01 and achieve daylight harvesting
- ▶ Compact size makes it suitable to fix within most luminaires
- ▶ Detection area, time delay and daylight threshold can be precisely set via DIP switch



Item No.: EUC031V

Parameter



Operating voltage	120-277VAC, 50/60Hz	Daylight sensor	50lux/100lux/200lux/Disable
Rated load	400W@120VAC, 800W@220-277VAC(inductive) 800W@120VAC, 1200W@220-277VAC(resistive)	Stand-by period	5s/5min/10min/30min/1h/+∞
HF system	5.8GHz±75MHz	Stand-by dimming	10%/20%/30%50%
Transmitting power	<0.5mW	Mounting height	15m Max.
Power consumption	≤0.8W(standby), <1.5W(operation)	Motion detection	0.5~3m/s
Detection zone	Max. (D*H)16m*15m	Detection angle	150°(wall installation), 360°(ceiling installation)
Detection sensitivity	50%/100%	Operating temperature	-20~60 ℃
Hold time	5s/30s/90s/3min/20min/30min	IP rating	IP65

IP65 Microwave Motion Sensor For Warehouse

Presentation

The MC031V sensor is innovative and active motion detectors with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. except the higher mounting height 15m Max.

Features

- ▶ Automatic dimming when used in combination with 1-10V dimmable LED drivers or ballasts
- ▶ Built-in adjustable daylight sensor
- ▶ 1-10V interface can match up with Merrytek stand-alone daylight sensor MS01 and achieve daylight harvesting
- ▶ Detection area, time delay and daylight threshold can be precisely set via DIP switch
- ▶ Wide detection area, range up to 16m in diameter and mounting height 15M Max. suitable for warehouse use
- ▶ Optional mounting brackets for different application



Item No.: EUC601V

Parameter

Operating voltage	120-277VAC, 50/60Hz	Hold time	5s/30s/90s/3min/20min/30min
Rated capacitive load	120V@400W; 220-240V@800W; 277V@1000W	Daylight sensor	2lux/5lux/10lux/25lux/50lux/100lux/Disable
HF system	5.8GHz±75MHz	Stand-by period	0s/5s/5min/10min/30min/1h/+∞
Transmitting power	<0.5mW	Stand-by dimming	10%/20%/30%/50%
Power consumption	≤0.5W(standby), <1W(operation)	Mounting height	15m Max.
Detection zone	Max.(D*H)16m*15m	Motion detection	0.5~3m/s
Detection sensitivity	10%/50%/75%/100%	Detection angle	150°(wall installation),360°(ceiling installation)
		Operating temperature	-35℃~70℃ IP rating IP20



North America Version / Dimming Function

Presentation

The EUC601V innovative and active motion detectors with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. The sensors allow energy saving without compromising comfort. When used in combination with 1-10V dimmable LED drivers or ballasts, they can achieve 3-step dimming function, which is perfect for use in some areas that requires a light change notice before totally switch off.

Features

- Automatic switching or dimming when used in combination with 1-10V dimmable LED drivers or ballasts
- Built-in daylight sensor
- 1-10V interface can match up with Merrytek stand-alone daylight sensor MS01 and achieve daylight harvesting
- Compact size makes it suitable to fix within most luminaires
- Detection area, time delay and daylight threshold can be precisely set via DIP switch



Item No.: EULC28C-P
EULC21C-P
EULC16C-PM
EULC10C-P

Parameter

Item No	EULC28C-P	EULC21C-P	EULC16C-PM	EULC10C-P
Operating voltage	220~240Vac, 50Hz	220~240Vac, 50Hz	220~240Vac, 50Hz	220~240Vac, 50Hz
Output constant current	450/550/600/700mA, set via DIP switch	300/350mA, set via DIP switch	300/350mA, set via DIP switch	300/350mA, set via DIP switch
Output voltage	22~40Vdc	34~60Vdc	28~48Vdc	14~28Vdc
Efficiency	≥80%	≥80%	≥80%	≥80%
Power factor	≥0.9	≥0.9	≥0.9	≥0.9
HF system	5.8GHz±75MHz	5.8GHz±75MHz	5.8GHz±75MHz	5.8GHz±75MHz
Transmitting power	<0.5mW	<0.5mW	<0.5mW	<0.5mW
Power consumption	≤1W(standby)	≤1W(standby)	≤1W(standby)	≤1W(standby)
Detection zone Max.(D x H)	16m x 6m	16m x 6m	16m x 6m	16m x 6m
Detection sensitivity	10%/50%/75%/100%	10%/50%/75%/100%	10%/50%/75%/100%	10%/50%/75%/100%
Hold time	5s/90s/3min/10min	5s/90s/3min/10min	5s/90s/3min/10min	5s/90s/3min/10min
Corridor function	0s/30s/10min/Disable	0s/30s/10min/Disable	0s/30s/10min/Disable	0s/30s/10min/Disable
Daylight sensor	5lux/15lux/50lux/Disable	5lux/15lux/50lux/Disable	5lux/15lux/50lux/Disable	5lux/15lux/50lux/Disable
Stand-by dimming level	20%, can be customized	20%, can be customized	20%, can be customized	20%, can be customized
Mounting height	6m Max.	6m Max.	6m Max.	6m Max.
Motion detection	0.5~3m/s	0.5~3m/s	0.5~3m/s	0.5~3m/s
Detection angle	150°(Wall installation) 360°(Ceiling installation)	150°(Wall installation) 360°(Ceiling installation)	150°(Wall installation) 360°(Ceiling installation)	150°(Wall installation) 360°(Ceiling installation)
Working temperature(Ta)	-20℃~45℃	-20℃~45℃	-20℃~45℃	-20℃~45℃
Size (ΦxH)	82x28.5mm	78x28.5mm	68x28.5mm	68x28.5mm
IP rating	IP20	IP20	IP20	IP20



Microwave motion sensor DIM LED driver

Presentation

Sensor DIM LED drivers, originally pioneered by Merrytek, are innovative products integrated with HF motion detector, daylight sensor and LED power supply. The products supply a simple energy-saving solution for LED ceiling lights. As all control parts are integrated in a same housing, it is very easy to assemble and save labor cost.

Features

- Integration of microwave motion sensor, daylight sensor and LED power supply
- Automatic switching and dimming based on motion and light level
- Constant current can be set via DIP switch
- Compact size makes the drivers suitable to fix within most LED ceiling lights
- Detection area, time delay and daylight threshold can be precisely set via DIP switch



Item No.: EULC12C-P2D

Parameter

Operating voltage	220-240VAC, 50/60Hz	Hold time	5s/90s/3min/10min
Output constant current	270mA fixed before leaving factory	Corridor function	0s/30s/10min/+∞
Output voltage	DC30~42V, 10~15pcs LEDs	Daylight sensor	5lux/15lux/50lux/Disable
Efficiency	≥80%	Stand-by dimming level	35%/50%
Power factor	≥0.9	Mounting height	6m Max.
HF system	5.8GHz±75MHz	Motion detection	0.5~3m/s
Transmitting power	<0.5mW	Detection angle	150° (Wall installation)360° (Ceiling installation)
Power consumption	≤1W(standby)	Working temperature	-20~60℃
Detection zone	Max(D*H)16m*6m	Size	88*68*28.5
Detection sensitivity	10%/50%/75%/100%	IP rating	IP20



ON-OFF / 3-step dimming function For 2D LED ceiling light

Presentation

Sensor DIM LED drivers, originally pioneered by Merrytek, are innovative products integrated with HF motion detector, daylight sensor and LED power supply. The products supply a simple energy-saving solution for LED lights. As all control parts are integrated in a same housing, it is very easy to assemble and save labor cost.

Features

- Integration of microwave motion sensor, daylight sensor and LED power supply
- Automatic switching and dimming based on motion and light level
- Unique design makes the driver suitable to 2D LED ceiling light
- Detection area, time delay and daylight threshold can be precisely set via DIP switch

ON-OFF / 3-step dimming function
Ultra-thin version



Item No.: EULC18C-P
EULC08C-P

Parameter



Item No	EULC18C-P	EULC08C-P
Operating voltage	220~240Vac, 50/60Hz	220~240Vac, 50/60Hz
Output constant current	300mA,	300mA,
Output voltage	35-60Vdc	16-28Vdc
Efficiency	≥80%	≥80%
Power factor	≥0.9	≥0.9
HF system	5.8GHz±75MHz	5.8GHz±75MHz
Transmitting power	<0.5mW	<0.5mW
Power consumption	≤1W(standby)	≤1W(standby)
Detection zone	Max.(D x H)12m x 6m	12m x 6m
Detection sensitivity	10%/50%/75%/100%	10%/50%/75%/100%
Hold time	10s/90s/3min/10min	10s/90s/3min/10min
Corridor function	0s/30s/10min/Disable	0s/30s/10min/Disable
Daylight sensor	5lux/15lux/50lux/Disable	5lux/15lux/50lux/Disable
Stand-by dimming level	20%, can be customized	20%, can be customized
Mounting height	6m Max.	6m Max.
Motion detection	0.5~3m/s	0.5~3m/s
Detection angle	150°(Wall installation) 360°(Ceiling installation)	150°(Wall installation) 360°(Ceiling installation)
Working temperature(Ta)	-20 C ~50 C	-20 C ~50 C
Size (LxWxH)	105×58.5×20mm	90×54.5×16mm
IP rating	IP20	IP20

Presentation

Sensor DIM LED drivers, originally pioneered by Merrytek,are innovative products integrated with HF motiiondetector, daylight sensor and LED power supply. The products supply a simple energy-saving solution for LED panel light. As all control parts are integrated in a same housing, it is very easy to assemble and save labor cost. Compact size makes the drivers easy to be installed in luminaires and get more simple lighting structure.

Features

- ▶ Integration of microwave motion sensor, daylight sensor and LED power supply
- ▶ Automatic switching and dimming based on motion and light level
- ▶ Compact size makes the drivers suitable to fix within most LED panel light
- ▶ Detection area, time delay and daylight threshold can be precisely set via DIP switch



Item No.:EULC18C-PRF

Parameter

Operating voltage	220-240VAC , 50Hz	Hold time	5s/30s/90s/3min/20min/30min
Output constant current	300mA(16-61.2V),350mA(16-54.4V), 450mA(16-40.8V)600mA(16-27.2V), 700mA(16-27.2V) set by 3 dip switches	Stand-by period	0s/5min/10min/30min/1H/+∞
Output voltage	85VDCmax	Daylight threshold	2lux/10lux/35lux/50lux/100lux/Disable
Efficiency	≥83%	Standy-by dimming level	10%/20%/30%/50%
Power factor	≥0.9	Mounting height	3-4m(typical) 8m Max.
HF system	5.8GHz±75MHz	Motion detection	0.5~3m/s
Transmitting power	<0.5mW	Detection angle	150°(wall installation)360°(ceiling installation)
Detection zone	Max.(D x H)12m x 8m	Working temperature(Ta)	-35 C ~50 C
Detection sensitivity	10%/25%/50%/75%/100%	IP rating	IP20



RF Wireless Version Sensor DIM LED Driver

Presentation

MLC18C-PRF Integrates MW motion sensor,dimmable led driver and wireless transceiver technology,to control a group of lamps wirelessly without extra drivers. MW sensor comply with 5.8GHz ISM band,motion can be detected through plastic, glass and thin non-metal materials.Detection area,hold time,dimming leve,stand-by period and daylight threshold are adjustable by dip switches.

Features

- ▶ Integrated LED driver, microwave motion sensor,daylight sensor and RF module, applicable to wirelessnet working of luminaires
- ▶ RF wireless networking, up to 16 different groups
- ▶ Night/light function, atomically switch on at dusk and turn off at dawn
- ▶ Multi-output current from 300mA to 700mA

DC operation / Dry Contact Motion Detector

Presentation

The EUC016D is an innovative and active motion detectors with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. It supplies dry contacts in normally closed mode and normally open mode. Dry contact means open or close contact without any current or voltage. It is prefect for use in the solar energy garden lamp or industrial control application where requires isolation between motion signal and power supply.

Features

- ▶ Dry contact detector works in normally closed mode and normally open mode.
- ▶ Automatic switching based on motion and light level.
- ▶ Low voltage input 12VDC
- ▶ Detection area, time delay and daylight threshold can be precisely set via DIP switch.



Item No.: EUC016D

Parameter

Operating voltage	12Vdc (Can be customized)	Hold time	10s/30s/90s/3min/20min/30min
HF system	5.8GHz±75MHz, ISM wave band	Daylight sensor	5lux/10lux/30lux/50lux/Disable
Transmitting power	<0.5mW	Mounting height	6m Max.
Power consumption	≤0.5W(standby), <1W(operation)	Motion detection	0.5~3m/s
Detection zone	Max.(D x H):16mx6m	Detection angle	150°(wall installation) 360° (ceiling installation)
Detection sensitivity	10%/25%/50%/75%/100%	Operating temperature	-25 C ~70 C
Hold time	10s/30s/90s/3min/20min/30min	IP rating	IP20



ON-OFF / 3-step dimming function For LED Panel Light and Tri-proof Light

Presentation

Sensor DIM LED drivers, originally pioneered by Merrytek, are innovative products integrated with HF motion detector, daylight sensor and LED power supply. The products supply a simple energy-saving solution for LED ceiling lights. As all control parts are integrated in a same housing, it is very easy to assemble and save labor cost.

Features

- Integration of microwave motion sensor, daylight sensor and LED power supply
- Automatic switching and dimming based on motion and light level
- Unique design makes the drivers suitable to fix within LED panel light and tri-proof light
- Detection area, time delay and daylight threshold can be precisely set via DIP switch



Item No.: EULC40C-P1

Parameter

Item No	EULC40C-P1	Hold time	5s/90s/3min/10min
Operating voltage	100~277Vac, 50/60Hz	Corridor function	0s/30s/10min/+∞
Output constant current	900mA,	Daylight sensor	5lux/15lux/50lux/Disable
Output voltage	30-42Vdc	Stand-by dimming level	20%/35%
Efficiency	≥86%	Mounting heightMax.(D x H)	6m Max.
Power factor	≥0.9	Motion detection	0.5~3m/s
HF system	5.8GHz±75MHz	Detection angle	150° (Wall installation) 360° (Ceiling installation)
Transmitting power	<0.2mW	Working temperature(Ta)	-20 C ~50 C
Power consumption	≤1.5W(standby)	Size (LxWxH)	202×58×30mm
Detection zone Max.(D x H)	Max.(D×H)16m x 6m	IP rating	IP20
Detection sensitivity	10%/50%/75%/100%		

Daylight Sensor

Presentation

Faced with the skyrocketing cost of energy and environmental concerns, builders, architects and lighting experts are increasingly turning to daylighting as a primary source of illumination. and proper daylight can increase the comfort. To take full advantage of daylight integration, buildings should have automated controls that either turn off or dim artificial light in response to the available daylight in the space. this is called 'daylight harvesting'.

Features

- Provides an energy saving without sacrificing visual comfort
- With ambient light dependent control
- Directly connected to 1-10V interface
- Simple setting of the target light level by mean of potentiometer



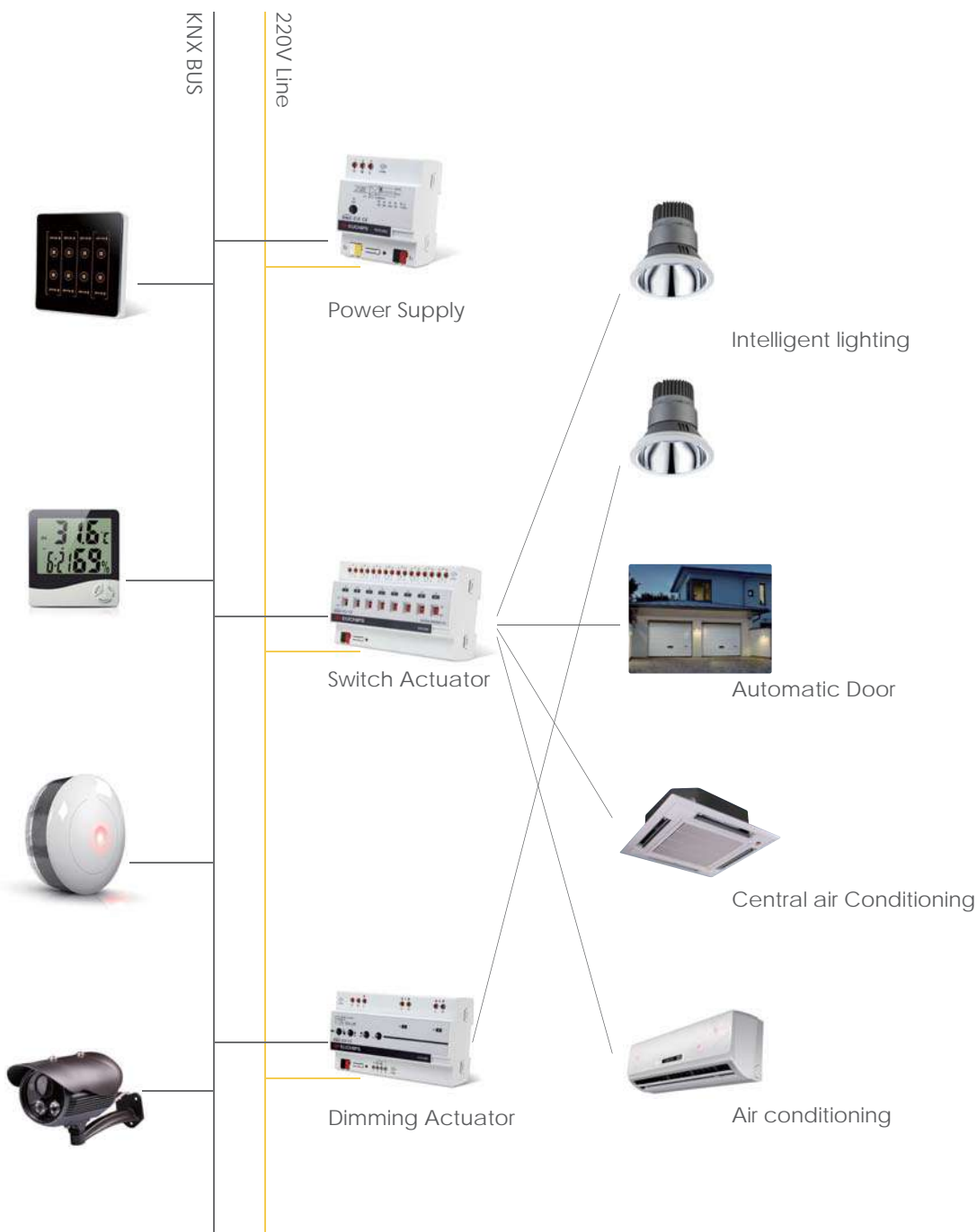
Item No.: EUS01

Parameter

Operating voltage	1-10VDC	Cable length	80cm
Max. current sink	50mA (Maximum rating)	Detection angle	90°
Dimming range	1%~100%	Operating temperature	0 C ~45 C
Color coding of cable	Red +, Black -	IP rating	IP20






KNX Controller Series

KNX Bus System






KNX Controller Series


KNX Switch Actuator

Function Item No.	Input Voltage	Output			Size(mm)L*W*H	Picture
		Channel	Current	Signal		
KNX-EUR0120	100-440VAC	1	20A	Switch	36 x 90 x 57	
KNX-EUR0116	100-440VAC	1	16A	Switch	36 x 90 x 57	
KNX-EUR0420	100-440VAC	4	20A	Switch	72 x 90 x 57	
KNX-EUR0416	100-440VAC	4	16A	Switch	72 x 90 x 57	
KNX-EUR0620	100-440VAC	6	20A	Switch	108 x 90 x 57	
KNX-EUR0616	100-440VAC	6	16A	Switch	108 x 90 x 57	
KNX-EUR0820	100-440VAC	8	20A	Switch	144 x 90 x 57	
KNX-EUR0816	100-440VAC	8	16A	Switch	144 x 90 x 57	
KNX-EUR1220	100-440VAC	12	20A	Switch	215 x 90 x 57	
KNX-EUR1216	100-440VAC	12	16A	Switch	215 x 90 x 57	


KNX Dimming Actuator

Function Item No.	Supply Voltage	Output			Size(mm)L*W*H	Picture
		Channel	Current	Signal		
KNX-EUM0106	85-265VAC	1	6A	ELV	72 x 90 x 57	
KNX-EUM0103	85-265VAC	1	3A	ELV	72 x 90 x 57	
KNX-EUM0206	85-265VAC	2	6A	ELV	144 x 90 x 57	
KNX-EUM0203	85-265VAC	2	3A	ELV	144 x 90 x 57	
KNX-EUM0306	85-265VAC	3	6A	ELV	215x 90 x 57	
KNX-EUM0303	85-265VAC	3	3A	ELV	215x 90 x 57	

KNX Power Supply

Function Item No.	Input Voltage	Output		Size(mm)L*W*H	Picture
		Channel	Current		
KNX -130	85-265VAC	2	320mA	72 x 90 x 57	

KNX Universal Interface

Function Item No.	Input Voltage	IO Channel	Output		Size(mm)L*W*H	Picture
			Current	Function		
KNX-EUIO-06	21-31VDC	6	DC 20V/0.5mA DC 3.3V/Max 2mA	Universal Interface	48 x 41.5 x 19	

KNX Switch Actuator

Function Item No.	Input Voltage	Channel	Function	Size(mm)L*W*H	Picture
KNX -P02	21-31VDC	Max 8	Switch	80 x 80 x 10	

KNX Controller Series

KNX-EUR0816

KNX Switch Actuator

Presentation

switch actuator, optional three kinds of specifications--4, 8, 12 ways, using KNX bus terminals to connect the network system, no additional power supply required, therefore can control the communication load.The distribution of the physical address and parameter setting can be done by using the engineering design tool software ETS (version ETS4) with the knxprod files, knxprod file to be installed in case of using ETS 4 software.

This switch actuator is implement for switching 4 to 12 ways independent electrical AC load or three-phase load. The maximum load current for output of each control point is 20 A, each circuit could be switch on or switch off manually.The switch status are externally visible.

Parameter

KNX-Bus Voltage	21-31VDC
Supply current	< 12mA
Consumption	< 250mW
Current range	0.5A...22A
Control way	8-fold
Rated Voltage	110~440V AC(50/60Hz)
Rated Current	16 Amax
Leakage Loss Per Load	1.5W

Capacitive Load	16A/250V AC 140uf
Minimum cut-off	0.1A/12...24V AC
DC cut-off resistanceload	22A/220V AC
Operation	-5 C...+45 C (3K5 series)
Safety voltage SELV	24V DC
Size	90mm X 144mm X 63mm
Weight	600g
Installation On	35mm mounting rail (EN60715 EN50022)

The following functions can be set by single way:

- Time control function: ON/OFF with adjustable latency time
- Warning function and time adjustable function for stairway illumination
- Scene and pre-set control: 8 or 1
- Logic operation: and/or/xor/gate function
- State value checking and response
- manually force operation and safety function
- current valve function setting
- relay switch location selection after disconnect and recovery of bus voltage
- real-time monitor of load current and overload proection alarm and cut off function

KNX Controller Series

KNX -130

KNX Power Supply



Presentation

EIB/KNX power supply produces and monitors EIB / KNX system voltage. The bus line is decoupled from the power supply with the integrated choke. The power supply is connected to the bus line with a bus connection terminal. A reset is triggered by pressing the reset push button and lasts 22 seconds (regardless of the duration of the push button action).The bus line disconnected from the power supply and the devices connected to this bus line are returned to their initial state. If the line should be disconnected for a longer period, the bus connection terminal must be removed from power supply. A 30V DC auxiliary voltage is made available via an additional connection terminal. This voltage can be used to supply a further bus line (in connection with a separate choke).

Parameter

Operating voltage	195V ~255 Vac, 47~63Hz
Power loss	<3 W
Efficiency	75%
EIB/KNX output (PSU)	1 line with integrated choke
EIB/KNX nominal voltage	30 V DC +1/~2 V

SELV Auxiliary voltage output	1 (without choke)
Auxiliary voltage	30 V DC +1/~1 V, SELV
EIB/KNX nominal current	640 mA, short-circuitproof
Dimension(H×W×D)	90×144×63mm
Weight	400g

KNX Controller Series

KNX-EUM0203

KNX Dimming Actuator



Presentation

Dimming actuator, the modular equipment are designed according to Prom design requirements, is convenient to install on 35mm U-shaped rails of the distribution box. Optional for 1way, 2 ways and 3 ways, using KNX bus terminals to connect the network system, no additional power supply required therefore can control the AC load. This dimming actuator adopts advanced cold MOS power tube and controls load power by lagging corner cut, it has the characteristics of little battery pollution, high efficiency and low load temperature, which is suit for independent electrical AC resistive and capacitive load. Self-adaptive to 50/60 Hz grid frequency, the maximum load currency of every control circuit is 3A/6A. Every output of dimming actuator can be switched and adjusted manually, and all the channels are with the function of short-circuit protection, over-load detection, temperature detection and overheating alarm. Connect the actuator to load by screw terminals,and every output can be controlled independently.The channels and load in a module can achieve dilatation, and can be configurable with soft start function.

Parameter

KNX-Bus feed	21-31VDC
Supply current	< 12mA
Consumption	<500mW
Current range	0.5A...12A
Control channel	3channel
Rated operational voltage	85~265V AC(50/60Hz)
Rated operational current	12 Amax (110v AC)

Power loss of every input	2W
Resistive load	6A\230VAC
Capacitive load	5A/250V AC 140uf
Breaking current drain	50mA/MAX
Cold boot peak point current	20A/220V AC、 200ms
Bulk	8TE
Weight	600g
Installation	35mm U-Shape rail (EN60715 EN50022)

The following functions can be set by single way:

- Dimming function: dimming, relative dimming, absolute dimming
- Time function: switch-on delay, switch-off delay, on-off
- Dimming speed: set the dimming time from 0% to 100%
- Start behavior: set illumination value, switch on and switch off speed
- Current detection: check whether current exceed limitation
- Temperature detection: check whether temperature exceed limitation
- Area limitation: set dimming area
- Scene function: up to 8 scene set

KNX Controller Series

KNX-EUIO-06

KNX Universal Interface



Presentation

KNX Universal Interface via KNX bus with other devices are installed into Electrical equipment for building control systems. KNX universal interface can put in 86 box or 80 box. Configuration is output/input . It is control corresponding operation.

Parameter

KNX-BUS power supply	DC 21V~31V	output voltage/current	DC 3.3V/maximum 2mA
Supply current	< 12mA	Operation temperature	-5 C ...+45 C
Consumption	<360mW	Size	48mm*41.5mm*19 mm
Channel numbers	6 channel	Weight About	17g
Input voltage/current	DC 20V/0.5mA	Installation Inset	86 box or 80 box

Channels grouped function

- Dimming : The short keystroke performs the switching object "Dimming on/off", The long keystroke performs the dimming object "Dimming" . Switches on/off at a falling/rising edge.
- Shutters:The short keystroke (Stop/Blinds Adjustment), The long keystroke(Shutter Down/up).
- Switch :edge control.

Channel unique function

- Switch:edge control, short/long keystroke control,edge reversal.
- Scene:Saving function,select different scene.
- One Button Dimming: The long keystroke addresses the communication object "Dimming on/off".
- One Button Shutter: The long keystroke performs up- and down- movement of the shutter. The short keystroke performs adjust the blinds and stops a running movement of the shutter.
- Counter: Count rising, Count falling, Count rising and falling.

The upper two models are support blocking object, object and/or logical operation ,as well as behavior of power up/ behavior of power down on the device.
LED output control.

KNX Controller Series

KNX -P02

KNX Touch Panel



Presentation

touch panel controller is optional for one-button (gesture recognition) 、 2-button 、 4-button 、 6-button 、 8-button and other special type, using KNX bus terminals to connect the networksystem,no additional power supply required,therefore can control the various KNX actuators equipment.
This panel controller was used as artificial control interface for indoor electrical equipment. Every button controls the function corresponding to the goal node, every way is with equipment on/off status indication.

Parameter

KNX-Bus feed	DC 21V...31V	KNX safety voltage SELV	24V DC
Supply current	< 15mA	Operation	-5 C ...+45 C
Power consumption	< 0.5W	Size(mm)L*W*H	80*80*10
Channel	4 fold /6-fold /8-fold	Weight	30kg
Rated current	12mA	Installation	80/86
Overvoltage	EN60664-1 III		

Touch panel can work as two modes below.

Channel grouped function

- Dimming:edge switch, short/long keystroke dimming.
- Shutters: The short keystroke (Stop/Blinds Adjustment), The long keystroke(Shutter Down/up)
- Switch:edge control

Channel unique function

- Switch: edge control, short/long keystroke control,edge reversal.
- Scene:Saving function,select different scene
- One Button Dimming: The long keystroke addresses the communication object

"Dimming on/off".

- One Button Shutter: The long keystroke performs up- and down- movement of the shutter. The short keystroke performs adjust the blinds and stops a running movement of the shutter.
- The upper two models are support blocking object, object and/or logical operation ,as well as behavior of power up/ behavior of power down on the device.

Multi-function Dimming Driver



Aunched in September

EULP50S-1HMC-0 Multi-function Dimming Driver

- Feature
- ▶ Support multi-function dimming (DMX,DALI, Touch DIM,0/1-10V)
 - ▶ Constant current output, Set output current via software
 - ▶ Liner dimming mode, range of 0-100%, no flicker
 - ▶ Built-in active PFC function
 - ▶ THD ≤ 10%
 - ▶ Suitable for indoor LED lighting application, such as down light, panel light, tri-proof light, and so on

Parameter

Input Voltage	Output Current	Output Voltage	Output Power	Dim Mode	Size(mm)
200-240V	900-1400mA	9-56VDC	50W	DMX DALI 0/1-10V	280*30*21

Battery-less Wireless Switch



EN43-RDH1100 Wireless Switch Receiver

- Feature
- ▶ Receive passive wireless switch signal
 - ▶ 433MHz receiving frequency, the effective transmission distance of 30m
 - ▶ Close the gap at the zero crossing, effectively reduce the impact current, prolong the service life of the product
 - ▶ Control up to 5A resistive load
 - ▶ Compact, easy to install

Parameter

Input Voltage	Input Standby power	Output Current	Output mode	Recommended led lamp power	G.W.(g)	Size (ΦxH)mm
220-230V	< 1W	5A*1channel (For resistive load)	Switch on/off the load	300W	30g	50*22.6



EN43-MRC3 Battery-less Wireless Switch Panel

- ▶ 433MHz emission frequency, the effective transmission distance of 30m
- ▶ No batteries required, maintenance free
- ▶ The perfect material and technology combination, life span>100,000 cycle
- ▶ Easy to use, as a wall switch, or a remote control

Parameter

Supply	Self generation, no extra power supply
Channels	3
RF	433MHz
Effective transmission distance	30m
Transmit power	10dBm
Life span	> 100,000 cycle
Shell material	PC,PMMA
Installation method	Base: double-sided adhesive paste Switch panel: magnetic adsorption on the base
Working temp.	-20 ~ 60 ℃
Relative humidity	0~75% RH, no condensation
Dimension	Base: 86*86*10mm (L*W*H)
Weight	53g

LED Driver(UL Listed)



This series include 1-10V dimming, phase-cut dimming and non-dimmable LED drivers. They were developed specially for North America markets, which means they apply to 120V/60Hz, 240V/60Hz and 277V/60Hz mains supply. The whole series have been UL listed in late 2015.

LED Constant Voltage Driver

Standards: UL8750 FCC Part 15 Class A

Physical Parameters: Overall Length (L) : 9.6" ±0.1" Width (W) : 1.7" ±0.1" Height (H) : 1.18" ±0.1" Weight : 620g

Parameter

Item No.	Input voltage	Input Current	PF	Output Voltage	Output Current	Output power
EUP60-U12 120-277 WA	120-277VAC	0.50A	0.95	12V	0~5A	60W
EUP60-U12 120-277 WB	120-277VAC	0.50A	0.95	12V	0~5A	60W
EUP60-U12 120-277 WB-WP (IP67)	120-277VAC	0.50A	0.95	12V	0~5A	60W
EUP60-U12 120-277 WC	120-277VAC	0.50A	0.95	12V	0~5A	60W
EUP60-U12 120-277 WC-WP (IP67)	120-277VAC	0.50A	0.95	12V	0~5A	60W
EUP80-U24 120-277 WA	120-277VAC	0.78A	0.95	24V	0~3.33A	80W
EUP80-U24 120-277 WB	120-277VAC	0.78A	0.95	24V	0~3.33A	80W
EUP80-U24 120-277 WB-WP (IP67)	120-277VAC	0.78A	0.95	24V	0~3.33A	80W
EUP80-U24 120-277 WC	120-277VAC	0.78A	0.95	24V	0~3.33A	80W
EUP80-U24 120-277 WC-WP (IP67)	120-277VAC	0.78A	0.95	24V	0~3.33A	80W



LED Constant Current Driver

EUP 8-17 Series

Standards : UL8750 UL935 IEC61000-3-2 FCC Part 15 Class A, ANSI C63.4: 2009

Physical Parameters: Overall Length (L) : 3.42" ±0.1" Width (W) : .57" ±0.1" Height (H) : 0.9" ±0.1" Weight : 100g

Parameter

Item No.	Input voltage	Input Current	PF	Output Voltage	Output Current	Output power
EUP 8-I275 120-277 W	120-277VAC	0.03-0.086A	0.95	18-30VDC	275mA	8W
EUP10-I350 120-277 W	120-277VAC	0.045-0.11 A	0.95	16-32VDC	350mA	10W
EUP15-I500 120-277 W	120-277VAC	0.07-0.17A	0.95	18-32VDC	500mA	15W
EUP17-I700 120-277 W	120-277VAC	0.08-0.18A	0.95	14-24VDC	700mA	17W
EUPXX-IYYY 120-277 W	120-277VAC	0.03-0.18A	0.95	10-48VDC	270-700mA	8-17W



EUP 45-65 Series

Standards: UL8750 UL935 IEC61000-3-2 FCC Part 15 Class A

Physical Parameters: Overall Length (L) : 6" ±0.1" Width (W) : 1.8" ±0.1" Height (H) : 1.1" ±0.1" Weight : 250g

Parameter

Item No.	Input voltage	Input Current	PF	Output Voltage	Output Current	Output power
EUP 45-I1050120-277 W	120-277VAC	0.19-0.42A	0.95	20-43VDC	1050mA	45W
EUP 50-I1050120-277 W	120-277VAC	0.2-0.48A	0.95	30-52VDC	1050mA	50W
EUP 50-I1400120-277 W	120-277VAC	0.2-0.48A	0.95	21-36VDC	1400mA	50W



EUPE 60-80 Series

Standards: UL8750 FCC Part 18 Class B

Physical Parameters: Overall Length (L) : 9.6" ±0.1" Width (W) : 1.8" ±0.1" Height (H) : 1.08" ±0.1" Weight: 610g

Parameter

Item No.	Input voltage	Input Current	PF	Output Voltage	Output Current	Output power
EUPE 80-I2100120-277 W S	120-277VAC	0.34-0.79A	0.95	21-38VDC	2100mA	80W
EUPE 72-I1900 120-277 W S	120-277VAC	0.33-0.7A	0.95	21-38VDC	1900mA	72W
EUPE 75-I2100 120-277 W S	120-277VAC	0.34-0.75A	0.95	21-36VDC	2100mA	75W
EUPE 70-I1400 120-277 W S	120-277VAC	0.32-0.69A	0.95	20-50VDC	1400mA	70W
EUPE 60-I1200 120-277 W S	120-277VAC	0.26-0.6A	0.95	20-50VDC	1200mA	60W



LED Constant Current Driver

EUPE 18-50 D1 Series (0-10V Dimming Driver)

Standards: UL8750 FCC Part 15 Class A

Physical Parameters: Overall Length (L) : 6.0" Mounting (L') : 5.7" Width (W) : 1.78"
Height (H) : 1.08" Weight : 380g

Parameter

Item No.	Input voltage	Input Current	PF	Output Voltage	Output Current	Output power
EUPE 25-I500 120-277 W D1 P	120-277VAC	0.11-0.25A	0.95	28-50VDC	500mA	25W
EUPE 35-I700 120-277 W D1 P	120-277VAC	0.14-0.35A	0.95	20-50VDC	700mA	35W
EUPE 40-I1050 120-277 W D1 P	120-277VAC	0.17-0.4A	0.95	20-38VDC	1050mA	40W
EUPE 50-I1400 120-277 W D1 P	120-277VAC	0.2-0.48A	0.95	21-36VDC	1400mA	50W
EUPE XX-IYYYY 120-277 W D1 P	120-277VAC	0.09-0.48A	0.95	20-50VDC	500-1400mA	18-50W



EUP 35-80 D1 Series (0-10V Dimming Driver)

Standards: UL8750 FCC Part 15 Class A

Physical Parameters: Overall Length(L) : 9.5" ±0.1" Width (W) : 1.7" ±0.1"
Height (H) : 1.2" ±0.1" Weight : 610g

Parameter

Item No.	Input voltage	Input Current	PF	Output Voltage	Output Current	Output power
EUP35-I700 120-277 W D1 S	120-277VAC	0.16-0.38A	0.95	20-50VDC	700mA	35W
EUP48-I1200 120-277 W D1 S	120-277VAC	0.2-0.48A	0.95	21-40VDC	1200mA	48W
EUP50-I1050 120-277 W D1 S	120-277VAC	0.2-0.48A	0.95	30-52VDC	1050mA	50W
EUP50-I1400 120-277 W D1 S	120-277VAC	0.2-0.48A	0.95	21-36VDC	1400mA	50W
EUP60-I1200 120-277 W D1 S	120-277VAC	0.26-0.6A	0.95	20-50VDC	1200mA	60W
EUP70-I1400 120-277 W D1 S	120-277VAC	0.32-0.69A	0.95	20-50VDC	1400mA	70W
EUP80-I2100 120-277 W D1 S	120-277VAC	0.34-0.79A	0.95	21-38VDC	2100mA	80W
EUPXX-IYYYY 120-277 W D1 S	120-277VAC	0.17-0.79A	0.95	16-50VDC	700-2100mA	35-80W



Waterproof LED Street Light Driver Series

Constant Current NFC Programmable



Feature

- Great Surge Immunity 10kV
- Airset™ NFC Programmability
- 0-10V/PWM/Time/DALI Dimmable
- Dim Off with 0.5W Standby Power
- 12V 300mA Auxiliary Power
- Input Over Voltage Protection (Optional)
- Class II Model Available
- UL Class P, Type TL/HL, Class 2



Item No.	Input Voltage Range / Vac	Output Power / Watt	Output Voltage Range / Vdc	Full Power Settable Current Range / mA	Dimension (L*W*H)mm
EUCP50XY-1W1050C-0MWWZ	90 - 305	50	29 - 71	700 - 1050	131*67.5*33.5
EUCP50XY-1W1400C-0MWWZ	90 - 305	50	21 - 48	1050 - 1400	131*67.5*33.5
EUCP50XY-1W2100C-0MWWZ	90 - 305	50	14 - 36	1400 - 2100	131*67.5*33.5
EUCP75XY-1W1050C-0MWWZ	90 - 305	75	43 - 107	700 - 1050	131*67.5*33.5
EUCP75XY-1W1400C-0MWWZ	90 - 305	75	30 - 71	1050 - 1400	131*67.5*33.5
EUCP75XY-1W2800C-0MWWZ	90 - 305	75	16 - 54	1400 - 2800	131*67.5*33.5
EUCP96XY-1W1050C-0MWWZ	90 - 305	96	55 - 137	700 - 1050	161*67.5*33.5
EUCP96XY-1W1400C-0MWWZ	90 - 305	96	38 - 91	1050 - 1400	161*67.5*33.5
EUCP96XY-1W2800C-0MWWZ	90 - 305	96	21 - 55	1500 - 2800	161*67.5*33.5
EUCP150XY-1W1050C-0MWWZ	90 - 305	150	86 - 214	700 - 1050	161*67.5*33.5
EUCP150XY-1W1400C-0MWWZ	90 - 305	150	64 - 143	1050 - 1400	161*67.5*33.5
EUCP150XY-1W2100C-0MWWZ	90 - 305	150	43 - 107	1400 - 2100	161*67.5*33.5
EUCP150XY-1W3800C-0MWWZ	90 - 305	150	24 - 58	2600 - 3800	161*67.5*33.5
EUCP150XY-1W6300C-0MWWZ	90 - 305	150	14 - 38	4000 - 6300	161*67.5*33.5
EUCP240XY-1W1050C-0MWWZ	90 - 305	240	137 - 343	700 - 1050	225*67.5*33.5
EUCP240XY-1W1400C-0MWWZ	90 - 305	240	103 - 229	1050 - 1400	225*67.5*33.5
EUCP240XY-1W2100C-0MWWZ	90 - 305	240	69 - 171	1400 - 2100	225*67.5*33.5
EUCP240XY-1W4200C-0MWWZ	90 - 305	240	51 - 114	2800 - 4200	225*67.5*33.5
EUCP320XY-1W2100C-0MWWZ	90 - 305	320	91 - 229	1400 - 2100	224*90*42
EUCP320XY-1W4200C-0MWWZ	90 - 305	320	46 - 114	2800 - 4200	224*90*42
EUCP400XY-1W2100C-0MWWZ	90 - 305	400	114 - 286	1400 - 2100	224*90*42
EUCP400XY-1W4200C-0MWWZ	90 - 305	400	57 - 142	2800 - 4200	224*90*42
EUCP400XY-1H2100C-0MWWZ	180 - 528	400	114 - 286	1400 - 2100	224*90*42
EUCP400XY-1H4200C-0MWWZ	180 - 528	400	57 - 142	2800 - 4200	224*90*42

Waterproof LED Street Light Driver Series

Constant Voltage LED Driver



Feature

- Great Surge Immunity 10kV
- PWM Output Frequency >1kHz
- 0-10V/PWM/DALI Dimmable
- 2% Minimum Dimming Output
- Dim Off with 0.5W Standby
- 12V 300mA Auxiliary Power to Power
- UL Class P, Type TL/HL, Class 2
- Class II Model Available



Item No	Input Voltage Range / Vac	Output Power / Watt	Output Voltage / Vdc	Output Current Range / A	Dimension (L*W*H)mm
EUCP75XY-1W24V-0MWWZ	90 - 305	75	24	0 - 3.1	131*67.5*33.5
EUCP75XY-1W36V-0MWWZ	90 - 305	75	36	0 - 2.1	131*67.5*33.5
EUCP75XY-1W48V-0MWWZ	90 - 305	75	48	0 - 1.6	131*67.5*33.5
EUCP96XY-1W24V-0MWWZ	90 - 305	96	24	0 - 4	161*67.5*33.5
EUCP96XY-1W36V-0MWWZ	90 - 305	96	36	0 - 2.67	161*67.5*33.5
EUCP96XY-1W48V-0MWWZ	90 - 305	96	48	0 - 2	161*67.5*33.5
EUCP150XY-1W24V-0MWWZ	90 - 305	150	24	0 - 6.3	161*67.5*33.5
EUCP150XY-1W36V-0MWWZ	90 - 305	150	36	0 - 4.2	161*67.5*33.5
EUCP150XY-1W48V-0MWWZ	90 - 305	150	48	0 - 3.2	161*67.5*33.5
EUCP240XY-1W24V-0MWWZ	90 - 305	240	24	0 - 10	225*67.5*33.5
EUCP240XY-1W48V-0MWWZ	90 - 305	240	48	0 - 5	225*67.5*33.5
EUCP320XY-1W15V-0MWWZ	90 - 305	320	15	0 - 21.3	225*67.5*33.5
EUCP320XY-1W24V-0MWWZ	90 - 305	320	24	0 - 13.3	225*67.5*33.5
EUCP320XY-1W48V-0MWWZ	90 - 305	320	48	0 - 6.7	225*67.5*33.5
EUCP400XY-1W15V-0MWWZ	90 - 305	400	15	0 - 26.7	225*90*42
EUCP400XY-1W24V-0MWWZ	90 - 305	400	24	0 - 16.7	225*90*42
EUCP400XY-1W48V-0MWWZ	90 - 305	400	48	0 - 8.3	225*90*42
EUCP400XY-1H15V-0MWWZ	180 - 528	400	15	0 - 26.7	225*90*42
EUCP400XY-1H24V-0MWWZ	180 - 528	400	24	0 - 16.7	225*90*42
EUCP400XY-1H48V-0MWWZ	180 - 528	400	48	0 - 8.3	225*90*42
XY=	Dimming Method	Programmable	12Vaux	Dim-off	
NN	-	-	-	-	
AN	0-10V	-	-	-	
EN	0-10V	-	✓	✓	
AR	0-10V/PWM/Time	✓	-	-	
ER	0-10V/PWM/Time	✓	✓	✓	
DR	DALI	✓	✓	✓	
FR	Time	✓	-	-	

Z=U: UL cable with ground wire
Z=S: VDE 3 line input
Z=D: VDE 2 line input

Meanwell Power Series



35W Single Output Switching Power Supply

Features

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 second
- No load power consumption <0.2W
- Miniature size and 1U low profile
- High operating temperature upto 70 °C
- Protections: Short circuit / Overload / Over voltage
- 100% full load burn-in test
- Cooling by free air convection
- Compliance to IEC/EN 60335-1 (PD3) and IEC/EN61558-1
- Operating altitude up to 5000 meters
- Withstand 5G vibration test
- High efficiency, long life and high reliability
- LED indicator for power on
- 3 years warranty



Presentation

LRS-35 series is a 35W single-outout enclosed type power supply with 30mm of low profile design. Adopting the full range 85-264VAC inpt,the entire series provides an output voltage line of 12V,24V,48V.

In addition to the high efficiency up to 89%,the design of metallic mesh case enhances the heat dissipation of LRS-35 that the ehole series operates from -30 °C through 70 °C under air convection without a fan.Delivering an extremely low no load power consumption (less than 0.2W), it allows the end system to easily meet the worldwide energy requirement. LRS-35 has the complete protection functions and 5G anti-vibration capability; itis complied with the international safety regulations such as TUV EN60950-1, EN60335-1, EN61558-1/-2-16,UL60950-1 and GB4943.LRS-35 series serves as a high price -to-performance power supply solution for various industrial applications.

Parameter



Item No	LRS-35-12	LRS-35-24	LRS-35-48
OUTPUT	12V,0~3A	24V,0~1.5A	48V,0~0.8A
CURRENT RANGE	±1.0%	±1.0%	±1.0%
RIPPLE & NOISE (max.)	120mVp-p	150mVp-p	200mVp-p
EFFICIENCY (Typ.)	86%	88%	89%
VOLTAGE RANGE	85~264VAC 120~373VDC		
FREQUENCY RANGE	47~63Hz		
INRUSH CURRENT (Typ.)	COLD START 45A/230VAC		
OVER LOAD	110~150% rated output power , Protection type : Hiccup mode, recovers automatically after fault condition is removed		
OVER VOLTAGE	13.8-16.2V	28.8-33.6V	55.2-64.8V
SETUP, RISE TIME	1000ms,30ms/230VAC 2000ms,30ms/115VAC at full load		
WORKING TEMP.	-30~+70 °C		
WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC	I/P-FG:2KVAC	O/P-FG:1.25KVAC
SAFETY STANDARDS	UL60750-1,TUV EN60950-1,EN60335-1,EN61558-1/-2-16,CCC GB4943 approved		
EMC EMISSION	Compliance to EN55022(CISPR22),GB9254 Class B,EN55014 EN61000-3-2,-3		
EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11,EN61000-6-2(EN50082-2)		
DIMENSION	99*82*30mm(L*W*H)		
PACKING	0.23Kg;60pcs/14.8Kg/0.88CUFT		

Meanwell Power Series

50W Single Output Switching Power Supply

Features

- ▶ Universal AC input / Full range
- ▶ Withstand 300VAC surge input for 5 second
- ▶ No load power consumption <0.2W
- ▶ Miniature size and 1U low profile
- ▶ High operating temperature upto 70 ℃
- ▶ Protections:Short circuit / Overload / Over voltage
- ▶ 100% full load bern-in test
- ▶ Cooling by free air convection
- ▶ Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1
- ▶ Operating altitude up to 5000 meters
- ▶ Withstand 5G vibration test
- ▶ High efficiency, long life and high reliability
- ▶ LED indicator for power on
- ▶ 3 years warranty



Presentation

LRS-50 series is a 50W single-outout enclosed type power supply with 30mm of low profile design. Adopting the full range 85-264VAC inpt,the entire series provides an output voltage line of 12V,24V,48V. In addition to the high efficiency up to 90%,the design of metallic mesh case enhances the heat dissipation of LRS-50 that the ehole series operates from -30 ℃ through 70 ℃ under air convection without a fan. Delivering an extremely low no load power consumption (less than 0.2W), it allows the end system to easily meet the worldwide energy requirment. LRS-50 has the complete protection functions and 5G anti-vibration capability; its complied with the international safety regulations such as TUV EN60950-1, EN60335-1, EN61558-1/-2-16,UL60950-1 and GB4943.LRS-50 series serves as a high price -to-performance power supply solution for various industrial applications.

Parameter



Item No	LRS-50-12	LRS-50-24	LRS-50-48
OUTPUT	12V,0~4.2A	24V,0~2.2A	48V,0~1.1A
CURRENT RANGE	±1.0%	±1.0%	±1.0%
RIPPLE & NOISE (max.)	120mVp-p	150mVp-p	200mVp-p
EFFICIENCY (Typ.)	86%	88%	90%
VOLTAGE RANGE	85~264VAC 120~373VDC		
FREQUENCY RANGE	47~63Hz		
INRUSH CURRENT (Typ.)	COLD START 45A/230VAC		
OVER LOAD	110~150% rated output power, Protection type : Hiccup mode, recovers automatically after fault condition is removed		
OVER VOLTAGE	13.8-16.2V	28.8-33.6V	55.2-64.8V
SETUP, RISE TIME	1000ms,30ms/230VAC 2000ms,30ms/115VAC at full load		
WORKING TEMP.	-30~+70℃		
WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC	I/P-FG:2KVAC	O/P-FG:1.25KVAC
SAFETY STANDARDS	UL60750-1,TUV EN60950-1,EN60335-1,EN61558-1/-2-16,CCC GB4943 approved		
EMC EMISSION	Compliance to EN55022(CISPR22),GB9254 Class B,EN55014 EN61000-3-2,-3		
EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11,EN61000-6-2(EN50082-2)		
DIMENSION	99*82*30mm(L*W*H)		
PACKING	0.23Kg;60pcs/14.8Kg/0.88CUFT		

Meanwell Power Series

75W Single Output Switching Power Supply

Features

- ▶ Universal AC input / Full range
- ▶ Withstand 300VAC surge input for 5 second
- ▶ No load power consumption <0.2W
- ▶ Miniature size and 1U low profile
- ▶ High operating temperature upto 70 ℃
- ▶ Protections:Short circuit / Overload / Over voltage
- ▶ 100% full load bern-in test
- ▶ Cooling by free air convection
- ▶ Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1
- ▶ Operating altitude up to 5000 meters
- ▶ Withstand 5G vibration test
- ▶ High efficiency, long life and high reliability
- ▶ LED indicator for power on
- ▶ 3 years warranty



Presentation

LRS-75 series is a 75W single-outout enclosed type power supply with 30mm of low profile design. Adopting the full range 85-264VAC inpt,the entire series provides an output voltage line of 12V,24V,48V. In addition to the high efficiency up to 91.5%,the design of metallic mesh case enhances the heat dissipation of LRS-75 that the ehole series operates from -30 ℃ through 70 ℃ under air convection without a fan. Delivering an extremely low no load power consumption (less than 0.2W), it allows the end system to easily meet the worldwide energy requirement. LRS-75 has the complete protection functions and 5G anti-vibration capability; LRS-75 series serves as a high price -to-performance power supply solution for various industrial applications.

Parameter



Item No	LRS-75-12	LRS-75-24	LRS-75-48
OUTPUT	12V,0~6A	24V,0~3.2A	48V,0~1.6A
CURRENT RANGE	±1.0%	±1.0%	±1.0%
RIPPLE & NOISE (max.)	120mVp-p	150mVp-p	200mVp-p
EFFICIENCY (Typ.)	89%	90%	91.5%
VOLTAGE RANGE	85~264VAC 120~373VDC		
FREQUENCY RANGE			
INRUSH CURRENT (Typ.)	COLD START 45A/230VAC		
OVER LOAD	110~150% rated output power, Protection type : Hiccup mode, recovers automatically after fault condition is removed		
OVER VOLTAGE	13.8-16.2V	28.8-33.6V	55.2-64.8V
SETUP, RISE TIME	500ms,30ms/230VAC 500ms,30ms/115VAC at full load		
WORKING TEMP.	-30~+70℃		
WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC	I/P-FG:2KVAC	O/P-FG:1.25KVAC
SAFETY STANDARDS	UL60750-1,TUV EN60950-1,EN60335-1,EN61558-1/-2-16,CCC GB4943 approved		
EMC EMISSION	Compliance to EN55022(CISPR22),GB9254 Class B,EN55014 EN61000-3-2,-3		
EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11,EN61000-6-2(EN50082-2)		
DIMENSION	99*97*30mm(L*W*H)		
PACKING	0.3Kg;45pcs/14.5Kg/0.77CUFT		



Meanwell Power Series

100W Single Output Switching Power Supply

Features

- ▶ Universal AC input / Full range
 - ▶ Withstand 300VAC surge input for 5 second
 - ▶ No load power consumption <0.2W
 - ▶ Miniature size and 1U low profile
 - ▶ High operating temperature upto 70 ℃
 - ▶ Protections:Short circuit / Overload / Over voltage
 - ▶ 100% full load bern-in test
 - ▶ Cooling by free air convection
- ▶ Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1
 - ▶ Operating altitude up to 5000 meters
 - ▶ Withstand 5G vibration test
 - ▶ High efficiency, long life and high reliability
 - ▶ LED indicator for power on
 - ▶ 3 years warranty



Presentation

LRS-100 series is a 100W single-outout enclosed type power supply with 30mm of low profile design. Adopting the full range 85-264VAC input,the entire series provides an output voltage line of 12V,24V,48V. In addition to the high efficiency up to 91%,the design of metallic mesh case enhances the heat dissipation of LRS-100 that the ehole series operates from -30 ℃ through 70 ℃ under air convection without a fan.Delivering an extremely low no load power consumption (less than 0.3W), it allows the end system to easily meet the worldwide energy requirment. LRS-100 has the complete protection functions and 5G anti-vibration capability; LRS-100 series serves as a high price -to-performance power supply solution for various industrial applications.

Parameter



Item No	LRS-100-12	LRS-100-24	LRS-100-48
OUTPUT	12V,0~8.5A	24V,0~4.5A	48V,0~2.3A
CURRENT RANGE	±1.0%	±1.0%	±1.0%
RIPPLE & NOISE (max.)	120mVp-p	150mVp-p	200mVp-p
EFFICIENCY (Typ.)	88%	90%	91%
VOLTAGE RANGE	85~264VAC 120~373VDC		
FREQUENCY RANGE	47~63Hz		
INRUSH CURRENT (Typ.)	COLD START 50A/230VAC		
OVER LOAD	110~150% rated output power , Protection type : Hiccup mode, recovers automatically after fault condition is removed		
OVER VOLTAGE	13.8-16.2V	28.8-33.6V	55.2-64.8V
SETUP, RISE TIME	500ms,30ms/230VAC 500ms,30ms/115VAC at full load		
WORKING TEMP.	-30~+70℃		
WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC	I/P-FG:2KVAC	O/P-FG:1.25KVAC
SAFETY STANDARDS	UL60750-1,TUV EN60950-1,EN60335-1,EN61558-1/-2-16,CCC GB4943 approved		
EMC EMISSION	Compliance to EN55022(CISPR22),GB9254 Class B,EN55014 EN61000-3-2,-3		
EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11,EN61000-6-2(EN50082-2)		
DIMENSION	129*97*30mm(L*W*H)		
PACKING	0.34Kg;40pcs/14.6Kg/0.92CUFT		

Meanwell Power Series

150W Single Output Switching Power Supply

Features

- ▶ Ac input range selectable by switch
 - ▶ Withstand 300VAC surge input for 5 second
 - ▶ No load power consumption <0.2W
 - ▶ Miniature size and 1U low profile
 - ▶ High operating temperature upto 70 ℃
 - ▶ Protections:Short circuit / Overload / Over voltage
 - ▶ Cooling by free air convection
- ▶ Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1
 - ▶ Operating altitude up to 5000 meters
 - ▶ Withstand 5G vibration test
 - ▶ High efficiency, long life and high reliability
 - ▶ LED indicator for power on
 - ▶ 100% full load bern-in test
 - ▶ 3 years warranty



Presentation

LRS-150 series is a 150W single-outout enclosed type power supply with 30mm of low profile design. Adopting the full range 115-230VAC inpt,the entire series provides an output voltage line of 12V,24V,48V. In addition to the high efficiency up to 90%,the design of metallic mesh case enhances the heat dissipation of LRS-150 that the ehole series operates from -30 ℃ through 70 ℃ under air convection without a fan.Delivering an extremely low no load power consumption (less than 0.5W), it allows the end system to easily meet the worldwide energy requirment. LRS-150 has the complete protection functions and 5G anti-vibration capability; LRS-150 series serves as a high price -to-performance power supply solution for various industrial applications.

Parameter



Item No	LRS-150-12	LRS-150-24	LRS-150-48
OUTPUT	12V,0~12.5A	24V,0~6.5A	48V,0~3.3A
CURRENT RANGE	±1.0%	±1.0%	±1.0%
RIPPLE & NOISE (max.)	150mVp-p	200mVp-p	200mVp-p
EFFICIENCY (Typ.)	87.5%	89%	90%
VOLTAGE RANGE	85~132VAC 170~264VDC		
FREQUENCY RANGE	47~63Hz		
INRUSH CURRENT (Typ.)	COLD START 60A/230VAC		
OVER LOAD	110~140% rated output power , Protection type : Hiccup mode, recovers automatically after fault condition is removed		
OVER VOLTAGE	13.8-16.2V	28.8-33.6V	55.2-64.8V
SETUP, RISE TIME	500ms,30ms/230VAC 500ms,30ms/115VAC at full load		
WORKING TEMP.	-30~+70℃		
WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC	I/P-FG:2KVAC	O/P-FG:1.25KVAC
SAFETY STANDARDS	UL60750-1,TUV EN60950-1,EN60335-1,EN61558-1/-2-16,CCC GB4943 approved		
EMC EMISSION	Compliance to EN55022(CISPR22),GB9254 Class B,EN55014 EN61000-3-2,-3		
EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11,EN61000-6-2(EN50082-2)		
DIMENSION	159*97*30mm(L*W*H)		
PACKING	0.48Kg;30pcs/15.4Kg/0.75CUFT		



Meanwell Power Series

200W Single Output Switching Power Supply

Features

- ▶ Ac input range selectable by switch
- ▶ Withstand 300VAC surge input for 5 second
- ▶ No load power consumption <0.75W
- ▶ Miniature size and 1U low profile
- ▶ High operating temperature upto 70℃
- ▶ Protections:Short circuit / Overload / Over voltage
- ▶ Cooling by free air convection
- ▶ Operating altitude up to 5000 meters
- ▶ Withstand 5G vibration test
- ▶ High efficiency, long life and high reliability
- ▶ LED indicator for power on
- ▶ 100% full load bern-in test
- ▶ 3 years warranty



Presentation

LRS-200 series is a 200W single-outout enclosed type power supply with 30mm of low profile design. Adopting the full range 115-230VAC inpt,the entire series provides an output voltage line of 12V,24V,48V. In addition to the high efficiency up to 90%,the design of metallic mesh case enhances the heat dissipation of LRS-200 that the ehole series operates from -30℃ through 70℃ under air convection without a fan.Delivering an extremely low no load power consumption (less than 0.2W), it allows the end system to easily meet the worldwide energy requirment. LRS-200 has the complete protection functions and 5G anti-vibration capability; LRS-200 series serves as a high price -to-performance power supply solution for various industrial applications.

Parameter



Item No	LRS-200-12	LRS-200-24	LRS-200-48
OUTPUT	12V,0~17A	24V,0~8.8A	48V,0~4.4A
CURRENT RANGE	±1.5%	±1.0%	±1.0%
RIPPLE & NOISE (max.)	150mVp-p	150mVp-p	200mVp-p
EFFICIENCY (Typ.)	87.5%	89.5%	90%
VOLTAGE RANGE	90~132VAC 180~264VDC		
FREQUENCY RANGE	47~63Hz		
INRUSH CURRENT (Typ.)	COLD START 60A/115VAC 60A/230VAC		
OVER LOAD	110~140% rated output power , Protection type : Hiccup mode, recovers automatically after fault condition is removed		
OVER VOLTAGE	13.8-16.2V	28.8-33.6V	55.2-64.8V
SETUP, RISE TIME	1300ms,50ms/230VAC 1300ms,50ms/115VAC at full load		
WORKING TEMP.	-25~+70℃		
WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC	I/P-FG:2KVAC	O/P-FG:0.5KVAC
SAFETY STANDARDS	UL60950-1,approved		
DIMENSION	215*115*30mm(L*W*H)		
PACKING	0.66Kg;15pcs/10.9Kg/0.78CUFT		



Meanwell Power Series

350W Single Output Switching Power Supply

Features

- ▶ Ac input range selectable by switch
- ▶ Withstand 300VAC surge input for 5 second
- ▶ No load power consumption <0.75W
- ▶ Miniature size and 1U low profile
- ▶ High operating temperature upto 70℃
- ▶ Protections:Short circuit / Overload / Over voltage
- ▶ Forced air cooling by built-in dc fan
- ▶ Operating altitude up to 5000 meters
- ▶ Withstand 5G vibration test
- ▶ High effciciency, long life and high reliability
- ▶ LED indicator for power on
- ▶ 100% full load bern-in test
- ▶ 3 years warranty



Presentation

LRS-350 series is a 350W single-outout enclosed type power supply with 30mm of low profile design. Adopting the full range 115-230VAC inpt,the entire series provides an output voltage line of 12V,24V, 48V. In addition to the high efficiency up to 89%,the design of metallic mesh case enhances the heat dissipation of LRS-350 that the ehole series operates from -30℃ through 70℃ under air convection without a fan.Delivering an extremely low no load power consumption (less than 0.75W), it allows the end system to easily meet the worldwide energy requirment. LRS-350 has the complete protection functions and 5G anti-vibration capability; LRS-350 series serves as a high price -to-performance power supply solution for various industrial applications.

Parameter



Item No	LRS-350-12	LRS-350-24	LRS-350-48
OUTPUT	12V,0~29A	24V,0~14.6A	48V,0~7.3A
CURRENT RANGE	±1.5%	±1.0%	±1.0%
RIPPLE & NOISE (max.)	150mVp-p	150mVp-p	200mVp-p
EFFICIENCY (Typ.)	85%	88%	89%
VOLTAGE RANGE	90~132VAC 180~264VDC by switch 240~370VDC(switch on 230VAC)		
FREQUENCY RANGE	47~63Hz		
INRUSH CURRENT (Typ.)	60A/115VAC 60A/230VAC		
OVER LOAD	110~140% rated output power , Protection type : Hiccup mode, recovers automatically after fault condition is removed		
OVER VOLTAGE	13.8-16.2V	28.8-33.6V	55.2-64.8V
SETUP, RISE TIME	1300ms,50ms/230VAC 1300ms,50ms/115VAC at full load		
WORKING TEMP.	-25~+70℃		
WITHSTAND VOLTAGE	I/P-O/P:3KVAC	I/P-FG:2KVAC	O/P-FG:0.5KVAC
SAFETY STANDARDS	UL60950-1,approved		
DIMENSION	215*115*30mm(L*W*H)		
PACKING	0.76Kg;15pcs/12.4Kg/0.78CUFT		

