

Six Loop Switch Controller

LIGHT LINK EZ-5645S

Introduction

*Easy To
Replacement*

We all know that the relay is a certain life, the relay inside the metal reed will be damaged, then need to rely on professionals to repair replacement, not only the high cost and more disputes.

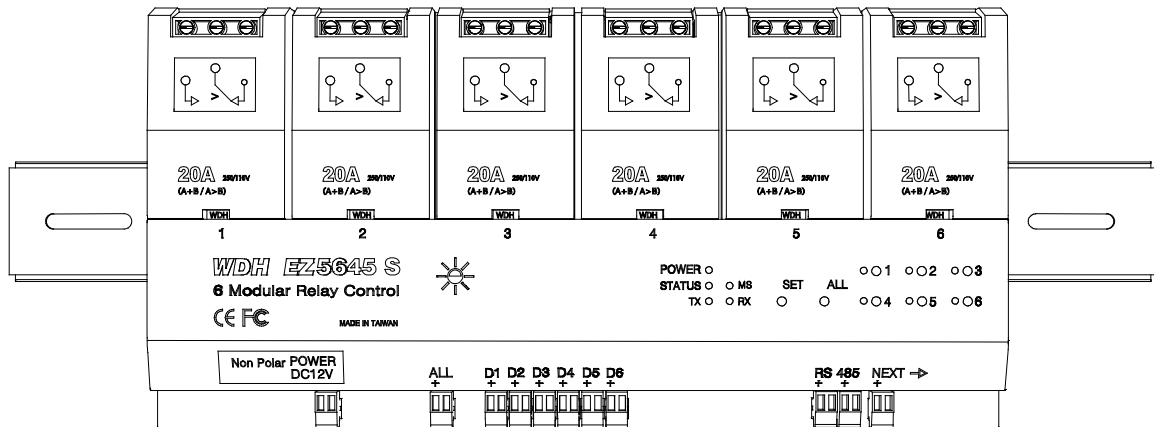
The new design of the S5645 to complete the maintenance and replacement to overcome the problem, each relay device is easy to replace the modular structure, the efficient future maintenance, to avoid the maintenance process of the many problems.

The new design of the 5645S also confused the previous engineering staff to solve the actual lighting feedback problems, with current sensing components RL-PB01 can accurately and efficiently identify the actual light switch status, "WYSIWYG" has been the system operator Efforts to implement the objectives, using 5645S will make your project planning more perfect!

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Appearances



EZ-5645S can be fixed to the aluminum rail



Before starting the installation, please read the instructions

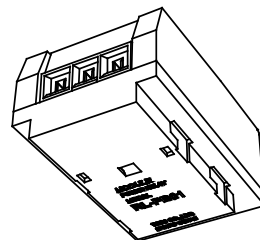
- Do not install the unit in a wet location, and there is a danger of electric shock
- Please follow the instructions to fix the machine, to avoid loose shaking
- After installation, check whether the wiring is correct before turning on the power
- Strictly prohibit any disassembly modification, demolition or modification shall be deemed to give up the machine warranty interest
- When the machine fails, please contact the engineering staff immediately repair

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Specifications

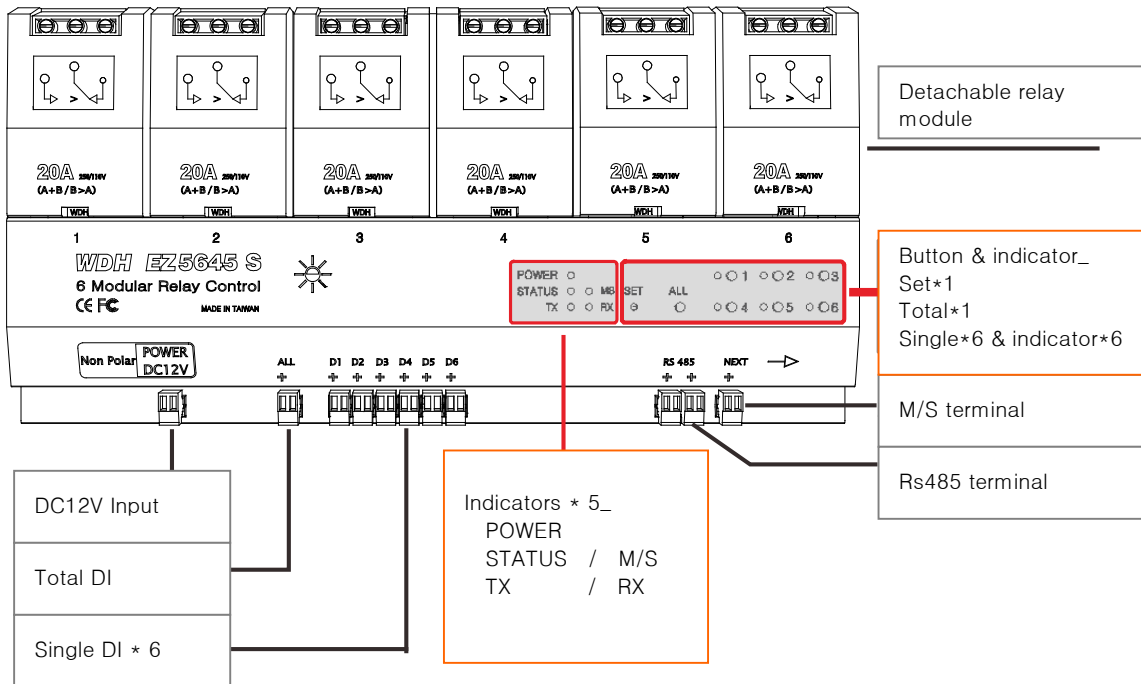
- 6 groups of independent removable relay module, easy maintenance (RL-PB01 can be purchased)
- A / B double contact automatic detection, can be connected with the wall panel switch full double-cut switch
- Each circuit can store the actual load memory
- Detect the minimum current value 3W, such as LED drive can also set the memory
- Each circuit A / B independent contacts at least 10A
- With a complete protocol, you can specify a single loop or group on / off action
- RS485 can be connected to any standard protocol system host
- Software or hardware can set the ID, easy to implement multi-machine control
- With 6 groups of independent IO can be connected to the general wall switch panel, the system host executable control
- With a total set of IO contacts can be set according to demand the implementation of the loop
- With serial output function, can be expanded to 12 loops
- With the implementation of the state indicator, display working status
- With communication status T / R indicator
- With 6 single-loop button and indicator function, can be controlled by hardware keys
- With 6 single-loop fuses, instantaneous overload for instant security
- With the connection of the wall switch panel, each circuit will be OFF after re-transmission
- Two fixing methods are available, one for standard aluminum rails and the other for direct screw fixation



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Hardware



Dimensions and product packaging accessories:



Dimension: 285 * 143.5 * 53.5 mm

Weight: 1762.5 grams (including PB01 * 6)

Input power: DC12V 2A(above)

Control voltage: AC 110 ~ 220V

Maximum load:

Single loop 20A (B connected to load / A not connected to wall switch)

Single loop 10A (B connected to load / A connected to wall switch)

* The above load should be added "instantaneous current"

Current consumption:

standby current > 70mA / operating current > 450mA

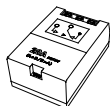


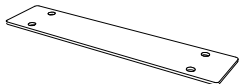
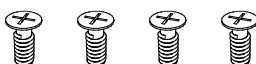
Packing: environmental carton

Safety regulations: CE / FCC

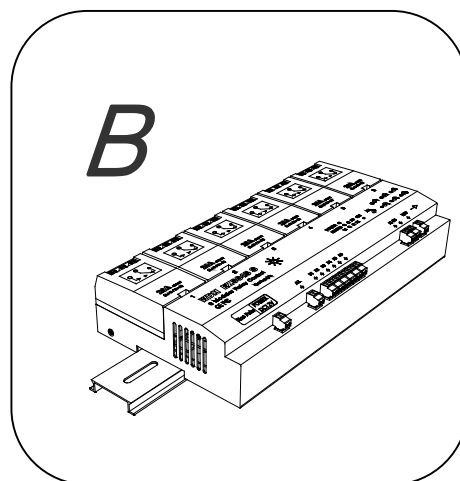
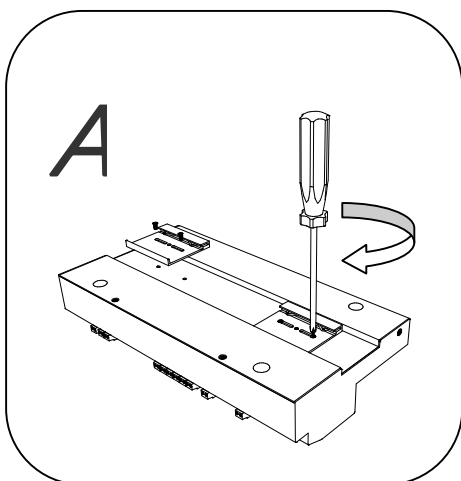
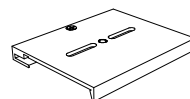
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Accessories

- RL-PB01
Relay with detection module * 6 
- 2 PIN Terminal blocks * 9 
- 4 PIN Terminal blocks * 1 
- Removable fixed iron * 2 
- Fixing screws * 4 

Optional accessories: standard aluminum rail clip AE-005

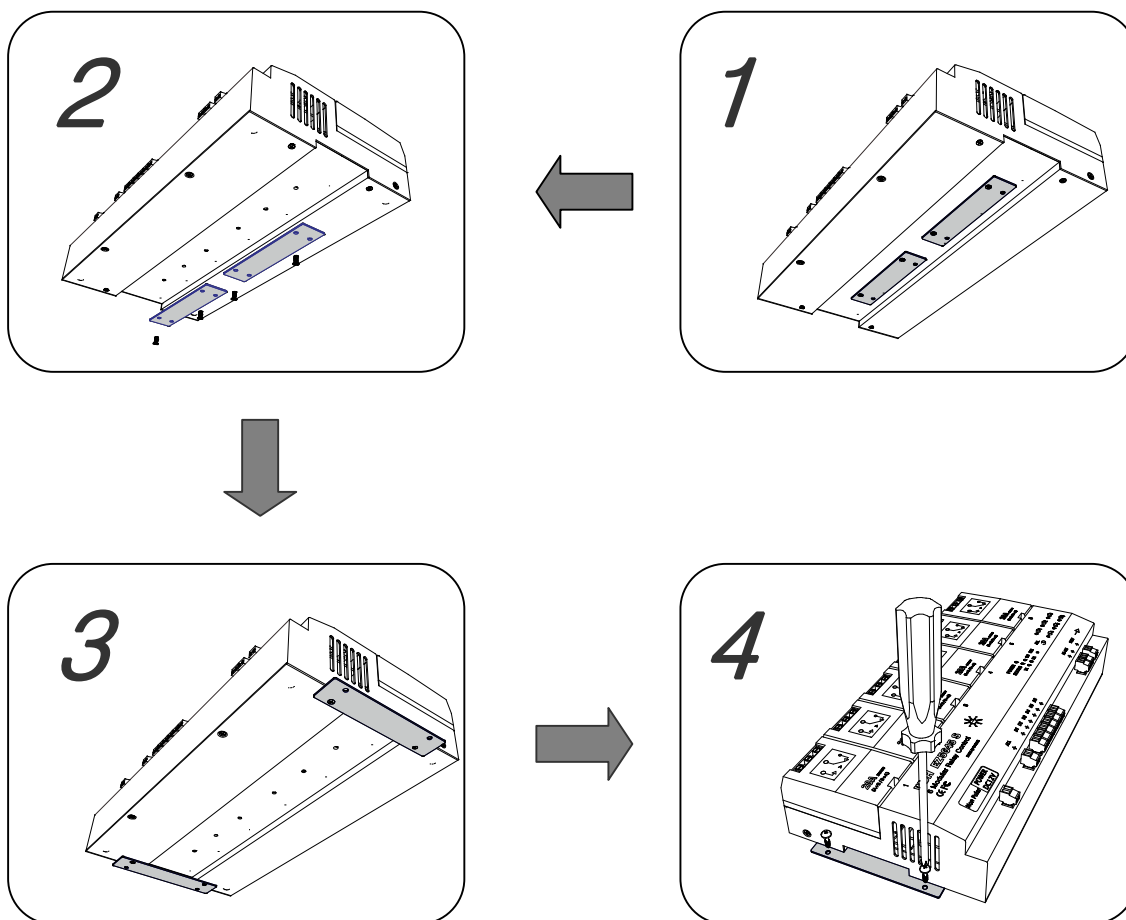


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Installed & Fixed

Follow the steps below to remove the fixed iron plate at the bottom of the 5645S, and attach it to fix the machine



Installation location & Note:

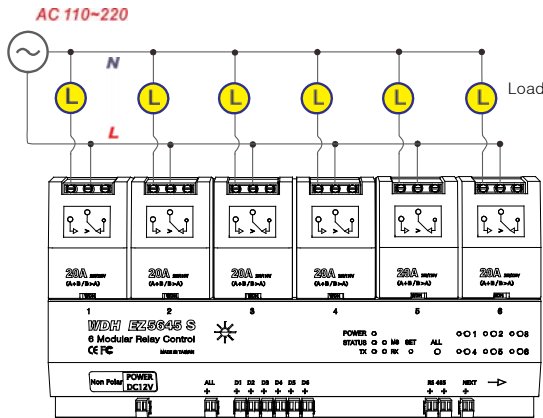
Ventilation is good, not moisture, to avoid the location of children to touch

Do not touch! Unless you turn off the power to avoid electric shock

Six Loop Switch Controller

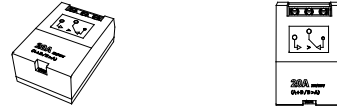
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Electric load configuration



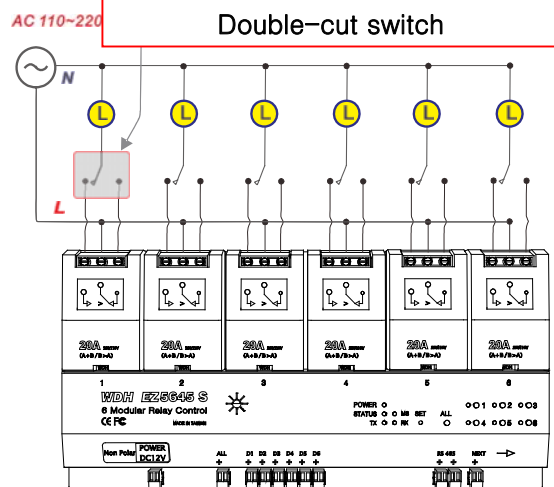
Such as the left picture
General lighting switch circuit installation wiring, through the command of the 5645S control action

Each RL-PB01 is planned A / B double contact
The middle point for the input, B contact load current higher than the A contact



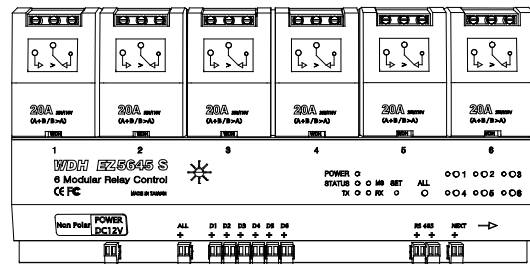
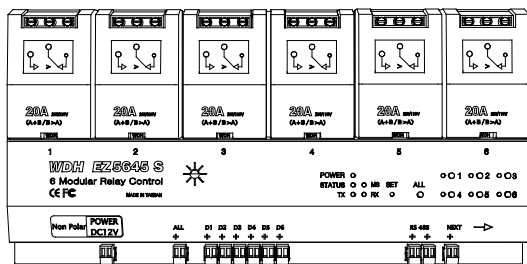
Control load requirements

5645S only control the **load $\geq 3W$** of light or power equipment
And **can not** be used as a dry contact switch controller



Master

Slave



Rs485 IN

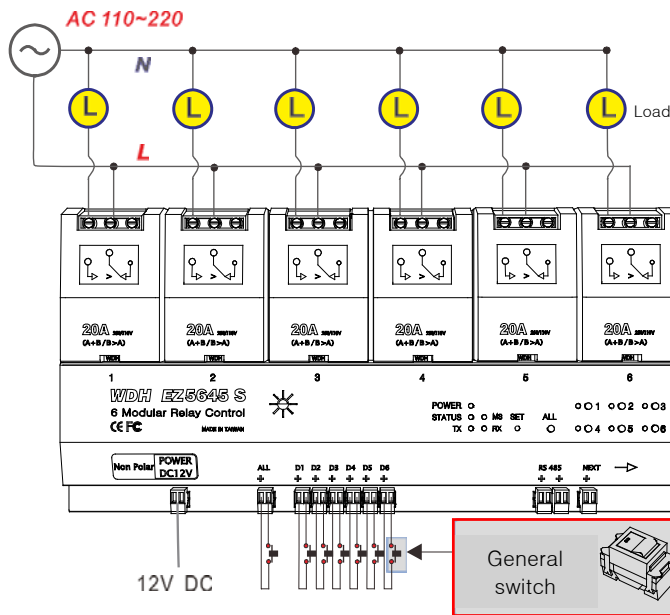
Rs485 OUT

Be careful the polarity

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Digital DI contact switch

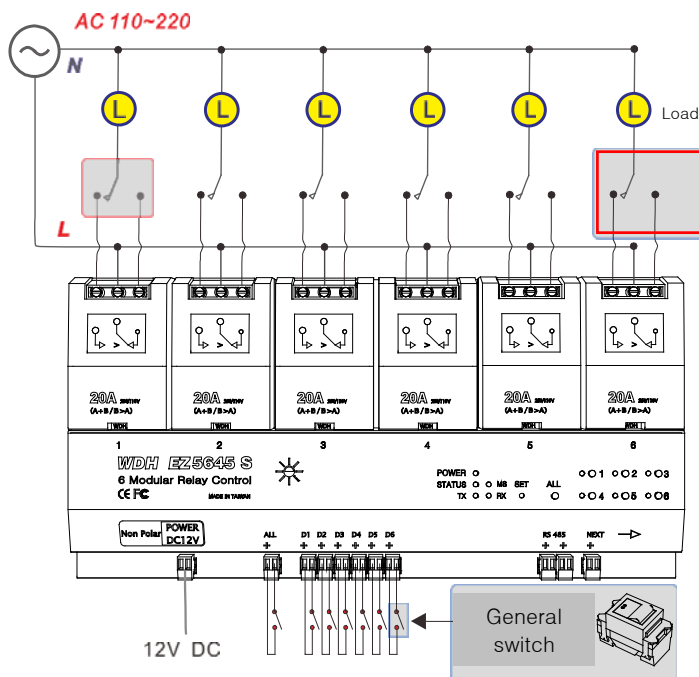


Digital contacts can be connected to the general control of the wall switch

The general switch includes:
Single-cut switch or **Bell switch**

According to the configuration of different switch types, 5645S contact mode can be set by command

AC contact switch

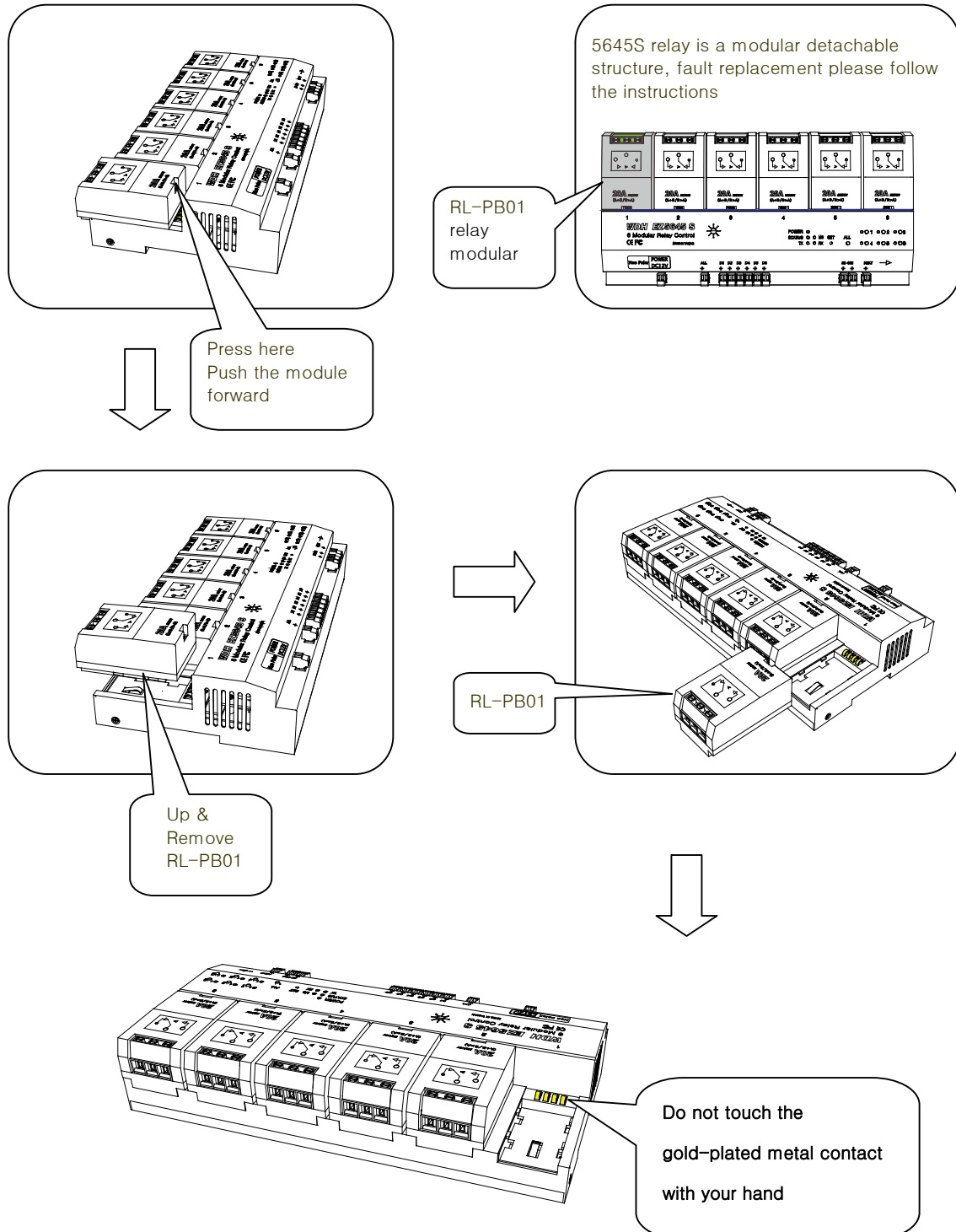


Double-cut switch configuration;
The use of wall double-cut switch and 5645S integrated into a true double-cut switch, or even 5645S failure! Wall switch can also be normal control of light power
Regardless of the state of the wall switch is on or off, the system host can read from 5645S current light power status

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Remove & replacement



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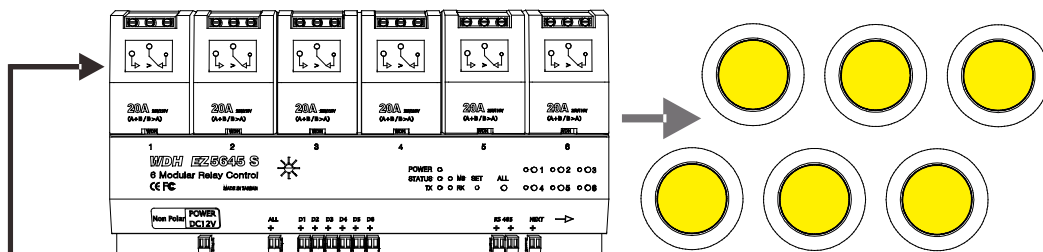
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Complete lighting & power control solution

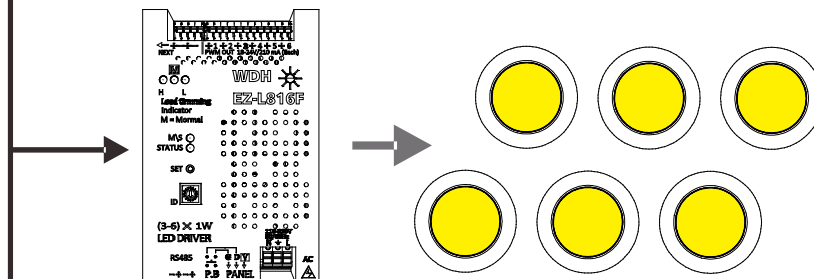
EZ-5645S & LED specific dimmer & Tungsten(TRICK) dimmer.

Can constitute a multi-loop light control system

EZ-5645S Six loops switch controller



EZ-L816F Six output LED dimmer



EZ-D496F Four loop tungsten light dimmer

