EUR0820

Relay Switch Controller

Summary

Thanks for using the EUR0820 relay controller. The product adopt advanced microcomputer control technology, analysis widely used DMX-512 (1990) /RDM and DALI standard protocol. and output 8 relay control signal . The max current of each channel is 20A,the total 8 channel is 160A . In addition, the device can be connected into the Dynalite system by the Dynalite gateway (Note: the Dynalite trademark holder is PHILPS, the relevant right is owned by the holder of the trademark, the same below)
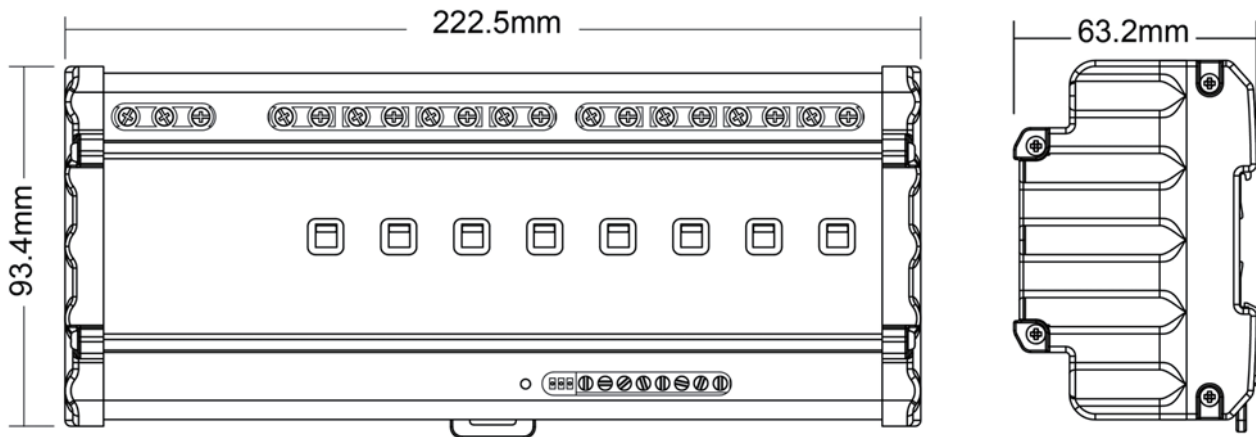
Product Features

- 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

Technical Parameters

Item	Parameters
Input voltage	100-240VAC 50/60Hz
Input control signal	DMX512(1990)/RDM，DALI IEC62386
Max carrying current	20A*8ch
Equipment size	222.5*93.4*63.2mm(L*W*H),standard 35mm din rail
Pack size	230*104*72mm(L*W*H)
G.W.	825g
Operational temperature	-20-40℃

Dimension(mm)

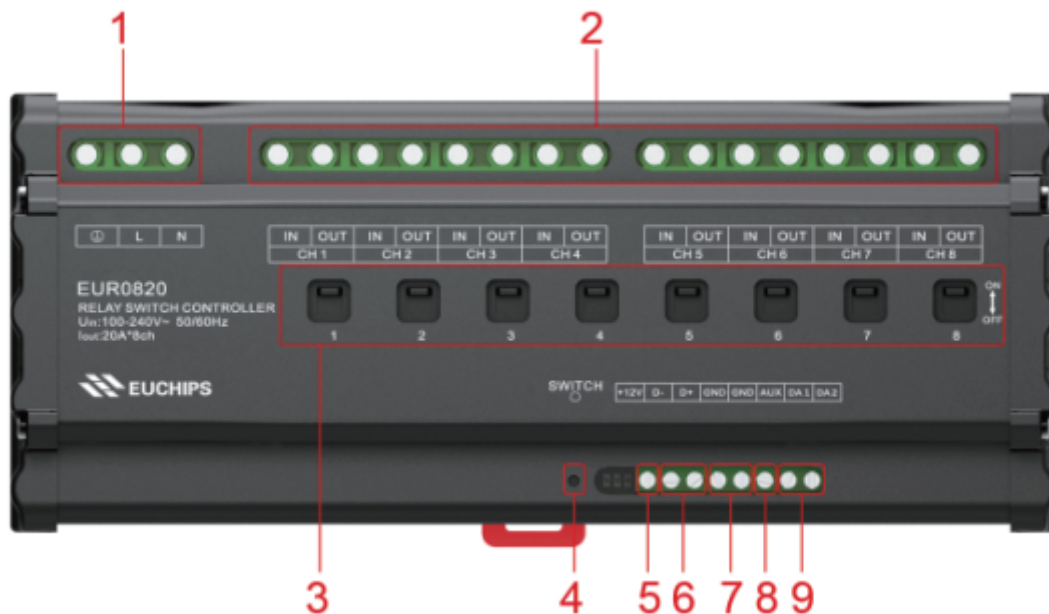# Function Show of The Product

Figure 1

1	AC input port
2	8 channel relay switch signal
3	Manual switch
4	Switch, Press 1 time: the device report its own serial number information; Press 3 times continuously: all the channels output 100% brightness Press for 4s or more: the device will reset and restart
5	12V output port，supply for other devices, such as the panel, the debugger, etc.
6	Signal input for DMX512/RDM
7	GND
8	Input signal of dry contact，used for detecting external signals, and triggering device to response
9	DALI Signal input and output port

Manual Switch Function

There is a manual switch to switch on/off each channel.

Wiring Diagram

EUR0820 can accept DMX512/RDM or DALI signals，or accept Dynalite signal by a Dynalite converter.