



General

Product Type	Constant Voltage Driver
Length (mm)	112
Width (mm)	67
Height (mm)	35
Housing Color	White
Housing Material	Plastic
Mounting	DIN-Rail
Weight (g)	115
Wire Strip Length	5mm
Wire Type	2.5mm2

Electronics

Input Domain	DC
Input Voltage	12 ~ 24V DC
Output Voltage	12 ~ 24 V DC
Output Current (mA) max/output	12000
Output Current Max. (A)	12
Output Power (W)	144W @ 12V, 288W @ 24V
Power Supply	N/A
LED Outputs	1

Lighting

Color Range	Single Color
-------------	--------------

Control

Output Signal	0~10V, PWM-CV
Control	DALI, 0-10V
Dimming Range	0~100%
Dimming Curve	Logaritmik
Number of Channels	1

Protection

Reverse Polarity	Yes
LED Output Short	Yes
Overload	Yes
Restart after Protection	Yes

Environmental

Operating Temperature	-30 ~ +55 °C
Ingress Protection	IP20

CE FCC IP20 5 year warranty

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.

DIN-Rail LED Dimming Driver

0~144...288W 0~12A 12~24V DC

- Dimming interface: DALI.
- PWM digital dimming, standard DALI logarithmic dimming curve.
- Dimming range: 0~100%, LED start at 0.1% possible.
- Max. current output: 12A.
- 0-10V output, DALI system compatible with 0-10V.
- Short circuit / Over load protection.
- Full protective plastic housing.
- DALI bus standard: IEC62386.
- Suitable for indoor environments.

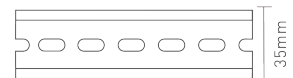
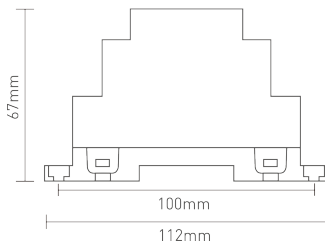


Main Characteristics

Dimming Interface:	DALI (IEC62386)
Input Voltage:	12~24V DC
Output Voltage:	12~24V DC
Output:	12A×1CH + 0-10V×1CH
Max. Output Power:	0-144W...288W
Dimming Range:	0~100%, LED start at 0.1% possible

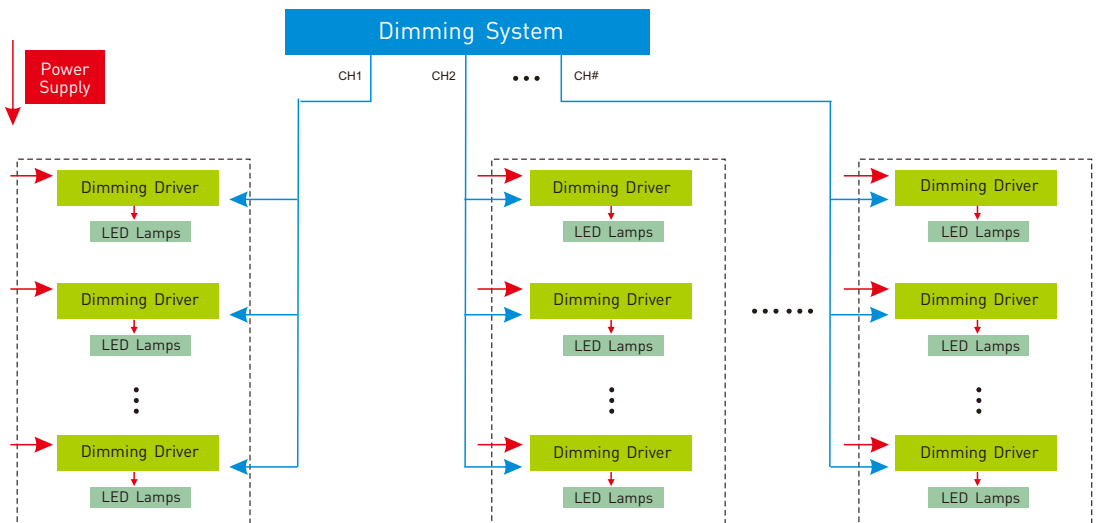
Mounting:	DIN-Rail or Screw
Working Temperature:	-30°C~55°C
Product Size:	L112×W35×H67(mm)
Package Size:	L114×W37×H70(mm)
Weight(G.W.):	120g

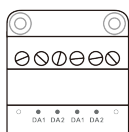
Dimensions



DIN-Rail mounting size:
TS-35/7.5 or TS-35/15

System Connection Diagram:





DALI bus no need distinguish plus-minus polarity.

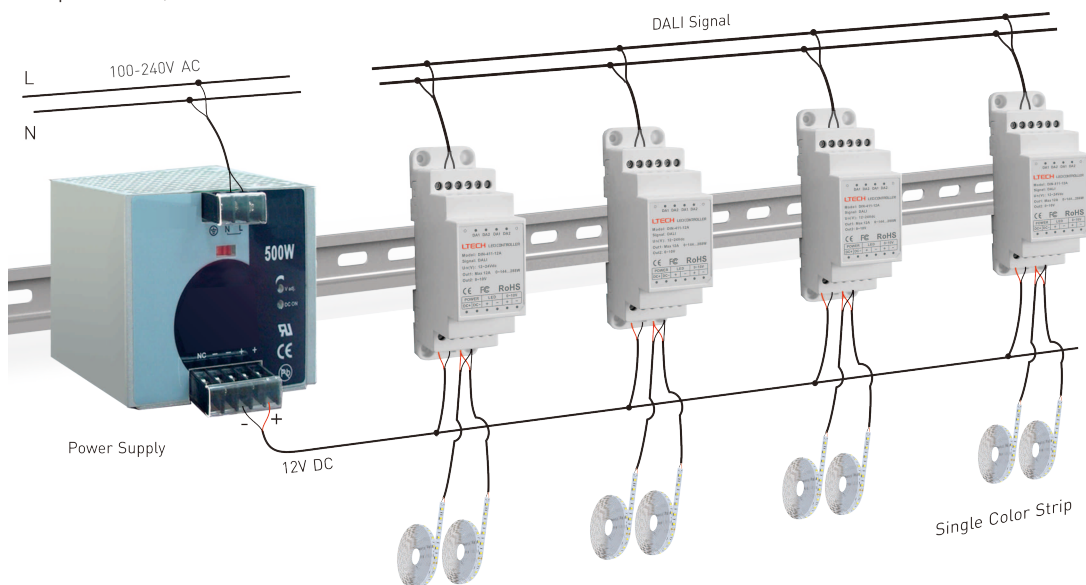
Two groups of DALI signal socket



12-24V DC power input socket

0-10V signal output
LED lamps connection

12V lamp connected, loads 0~144W(12V).



24V lamp connected, loads 0~288W(24V).

