T-Series Power Supply User Manual_V1.1
T-PS01

● Brief Introduction

This product is the Power Supply of T-series 2-wire building intercom system.

● Function

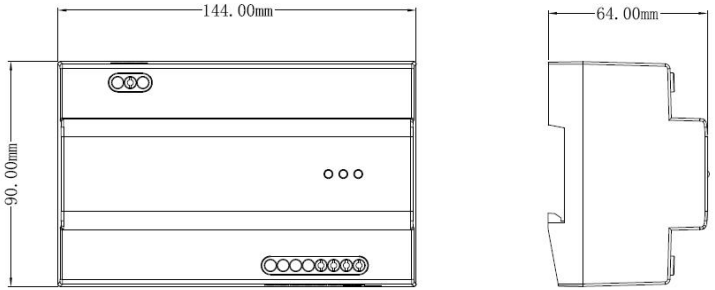
- **Over-Voltage Protection**
- **Over-Current Protection**
- **Over-Heat Protection**
- **Short Circuit Protection**
- **Lightning Protection**

● Parameters

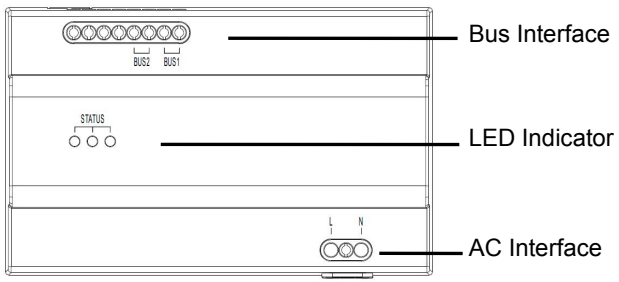
No.	Name		Parameter
1	Input	Input Volt.Range	AC 100~240V
2		Input Current	0.8A Max.
3		Input Freq.Range	50/60Hz
4		No-Load Power Consumption	< 0.5W
5		Working Efficiency	88% TYP
6	Output	Output Voltage	DC 30V ⎓ 1A
7		Output Current	1.0A Max.
8	Protection	Over-Current Protection	2.5A ~ 3.5A
9		Short Circuit Protection	Auto-recovery
10		Over-Heat Protection	100℃±10℃ shutdown
11		Lightning Protection	L-N: 1KV
12	Environment	Working Temp	-10℃~55℃
13		Storage Temp	-20℃~70℃
14		Working & Storage Humidity	45%~90%

● Dimension Diagram

Dimension(L×W×D): 144×90×64 mm



● Instruction



Wiring:

AC: **L connect to live wire, N connect to neutral wire** (Voltage input please refer to 'Parameters').

Bus Interface: BUS1, BUS2 (Each port can connect to BUS line or Outdoor Station).

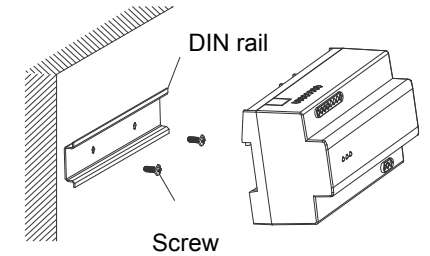
LED Indicator:

Red light on the left: Flashes while BUS line is over-current.

Green light in the middle: Turns on while it's working, flashes while receiving data.

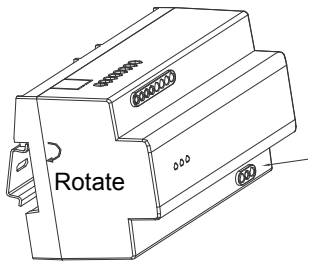
Green light on the right: (Reserved).

● Installation

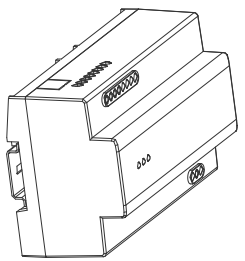


Step 1: Fix DIN rail

(Fasten DIN rail with screws horizontally on the wall)



Step 2: Aim the power supply at the upper part of DIN rail, rotate and press the lower part to fasten it to the rail with a popping sound.



When it is properly installed in DIN rail

● Caution

1. Keep devices away from strong magnetic field, high-temp and humid environment.
2. DO NOT drop the device to the ground or let them suffer strong impact.
3. DO NOT use wet cloth or volatile reagent to clean the device.
4. DO NOT disassemble the device without professional guidance.
5. Avoid disposing metal part in ports to avoid electric shock.
6. NO reverse wires in both input and output.