

INSTALLATION MANUAL

urmet

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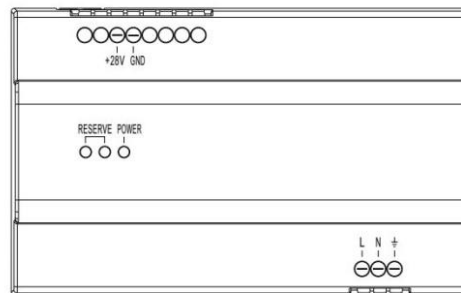
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U1 VOICE Power Module Sch./Ref. 1036/20



Manual version V1.0

Code: SRD-IME1036/20-0117-V1.0

1. INTRODUCTION

This product is the U1 series power supply unit for building intercom system, supplying the power to the whole system.

1.1 FUNCTIONS

- Overvoltage protection
- Overcurrent protection
- Overtemperature protection
- Short circuit protection
- Lightning protection
- Power factor correction

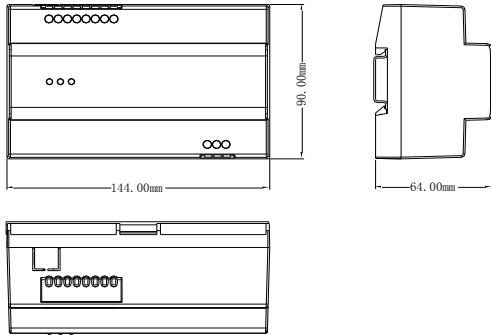
1.2 SPECIFICATIONS

SN	Description		Parameters
1	Input	Input voltage	AC 95~255V
2		Input current	1.8A Max.
3		Input frequency	47~63Hz
4		No-load power consumption	< 0.5W
5		Work efficiency	88% TYP
6	Output	Output voltage	DC 28V±0.8V
7		Output current	3.0A Max.

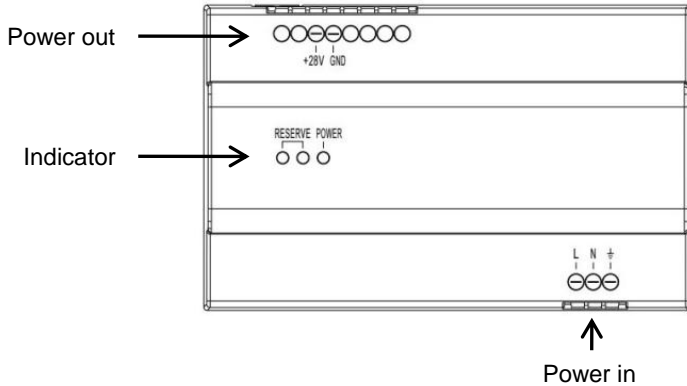
8	Protection	Overcurrent protection	4.5A ~ 5.5A
9		Short-circuit protection	Auto-recovery
10		Over-temperature protection	Turn off at 100°C±10°C
11		Lightning protection	L-N: 1KV , L-GND-N :2KV
12	Environment	Working temperature	-10°C~55°C
13		Storage temperature	-20°C~70°C
14		Working and storage humidity	45%~90%

1.3 DIMENSIONS

Overall dimensions (LxWxD): 144x90x64 mm



1.4 INSTRUCTION FOR USE



Terminal:

Power out: +28V denotes DC28V±1V output, and GND denotes DC earth.

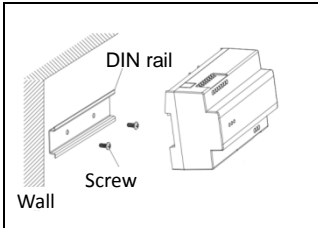
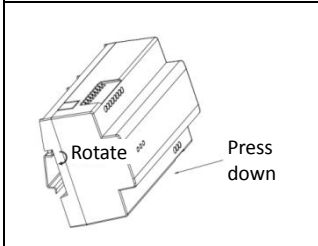
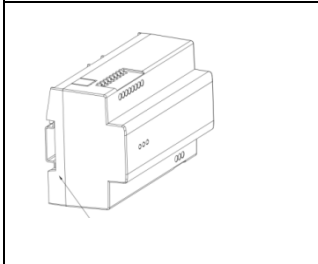
Power in AC terminal: L denotes live wire, N denotes null wire, and ⚡ denotes earth wire. (See "Specifications" for voltage input).

Indicator:

RESERVE: Red indicator in the left and green indicator in the middle are reserve indicators.

POWER: Green indicator in the right is power indicator, which will be on when there is input power.

2. INSTRUCTION FOR INSTALLATION

	<p>Step 1: Install fixed DIN rail (put the DIN rail on the wall in horizontal and tighten the screw.)</p>
	<p>Step 2: Align the product to the DIN rail and move it. Insert the fixed groove, rotate the power box, forcibly press it down, and finish the installation after hearing the cracking sounds.</p>
	<p>Step 3: The state after installing the DIN rail.</p>

3. PRECAUTIONS

- Please keep the device away from high magnetic field, high temperature and humid environment and other environments
- Falling the device off on earth or violently impacting it is prohibited.
- Do not wipe the device with wet cloth or volatile reagent.
- Only disassemble the device with permission.
- The copper in the terminal shall not be exposed, otherwise it may incur electric shock.
- Misconnecting and reversely connecting the power input terminal and power output terminal are prohibited.

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