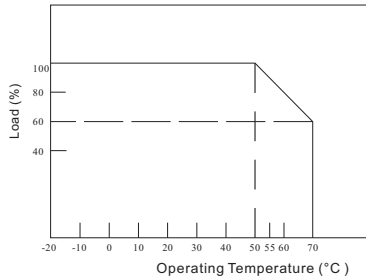


3 Technical specifications

Project	Description
Input voltage	100~240Vac(Range: 90~264Vac)
Input Current	3.5A max
Frequency	50/60Hz(Frequency range:47~63Hz)
Output voltage	DC48V (47~57V)
Output Current	0.1-5A
Ripple & Noise	400mV
Power consumption at no load	0.21W max
Conversion efficiency	>90%
Voltage regulation	±1%
Load regulation	±5%
Hi-pot twst	3000VAC / 1min/5mA
Leakage current	3.5mA max.@240VAC
Operating temperature	-40~70°C (Refer to Derating Curve)
Safety standard	IEC60065 EN62368-1 UI60065 GB8898&GB4943 J60065
EMC standard	En55032 class B/EN61000 Gb17625 FCC Part15
Over-current ,Over-voltage ,Over-temperature & Short-circuit protection	
Dimensions (W x L x H)	140 mm x 138 mm x 60 mm
Installation	DIN-Rail or Wall mounting
Casing	Metal



-3-

nets

Industrial power supply

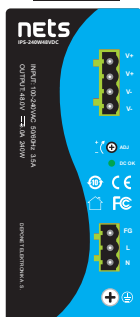
User's Manual

1 Product introduction

Thank you for purchasing the Industrial power supply.

This is a 240W industrial rail power supply, suitable for installation on ts-35 / or ts-35 /15 track. Designed for full voltage AC input from 90Vac to 264Vac, and in accordance with EN61000-3-2 standard. adopts all-aluminum alloy shell design to improve the heat dissipation effect of the whole machine, with the efficiency up to more than 91.5%. Under the air circulation condition, It can work at an ambient temperature of -40°C to +70°C.

Front panel



DC out put:

- V1+ DC Power Input the positive electrode
- V2+ DC Power Input the positive electrode
- V1- DC Power input negative electrode
- V2- DC Power input negative electrode

ADJ: ADJ is calibrated voltage and current regulation knob

DC OK: LED lights

AC input: 100-240VAC, 50/60Hz.

FG--ground wire

N--Connect to the neutral line (zero line)

L --phase wire (live wire)

⊕ Grounding

Rear panel



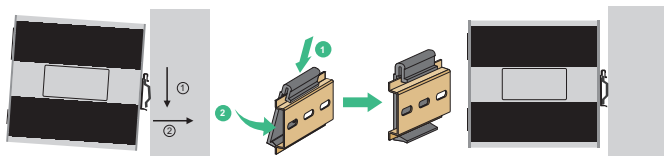
2 Hardware installation

This chapter provides installation information for the Industrial power supply

DIN-Rail Mounting

The DIN-Rail is already screwed on the Industrial Equipment. Please refer to following figures and know how to hang the Industrial Equipment:

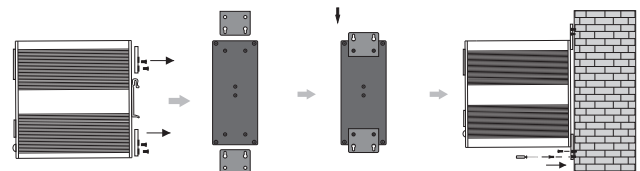
- 1, The upper end of the machine guide rail is buckled into the fixed track.
- 2, Gently down and inward into the track



-1-

Wall-mounting

- 1, The DIN-Rail is already screwed on the Industrial Equipment.
- 2, Fix the Equipment on the wall with a screw.



Connect power cord

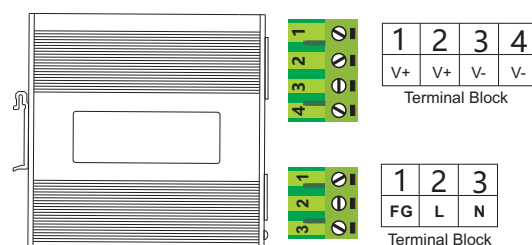
The power connection uses a quick-plug terminal block connector. It is recommended that the user use a cable with a current capacity of more than 6A.



Warning: When connecting to the power supply system, please pay attention to the polarity marks of the interface avoid connection errors.

The terminal block connector the of is used for power input. Please follow the steps below to insert the power wire:

- (1) Insert power lines into the hole at the end side of the connection.
- (2) tighten the screw above the connection end clockwise with a screwdriver, for preventing the power line from loosening.
- (3) The other end of the power line is connected to the power supply system.



Note: The wire gauge for the terminal block should be in the range between 12 ~ 24 AWG.

-2-