GENERAL DESCRIPTION

The rail mountable **NIPOWER** switching-mode power supply modules provide 12 V or 24 V stabilized DC output for low power consumption devices.

MAIN FEATURES

- Stabilized DC output
- Switching-mode power supply
- DIN rail mountable
- Short-circuit protection
- Overload protection
- Overvoltage protection

APPLICATIONS

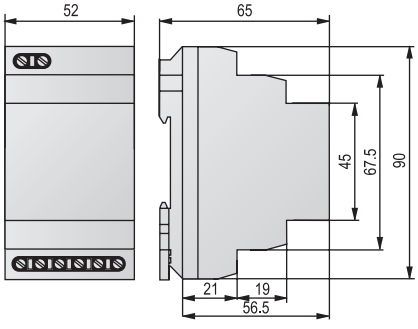
- For any transmitters
- Power supply for sensors
- For inductive, capacitive proximity switches
- For infrared sensors
- Ultrasonic Proximity sensors

TECHNICAL DATA

Type	PPK-321	PPK-331
Power supply voltage (U_{IN})	100 – 250 V AC / 50 – 60 Hz	
Output voltage (U_{OUT})	12.2 V DC ±2%	24.2 V DC ±2%
Output current [1]	2500 mA	1250 mA
Consumption without load	9 VA / 1 W	10 VA / 1.5 W
Consumption with maximum load	70 VA / 37 W	
Overload capability	Max. 120%	
Efficiency	> 82%	
Fuse	T2 A / 250 V	
Protection against	Short-circuit, overload, overvoltage	
Output voltage indicator	Green LED	
Ripple on the output without load	30 mV	
Ripple on the output with maximum load	80 mV	
Delay on switching ON	Max. 5 sec	
Delay on switching ON after overload	Max. 1 sec	
Operating temperature	-20 °C … +40 °C	
Electrical strength between input and output	4 kV	
Electrical connection	Terminal, wire cross section: max. 2.5 mm²	
Electrical protection	Class II	
Mechanical connection	EN 60715 rail	
Ingress protection	IP20	
Mass	155 g	157 g

[1] *Correct air-flow is needed to prevent overheating*

PPK-3□1



PPK-3□1

NIPOWER PPK-300 **3 years**

DIN-rail mountable power supply unit
Power supply: 100-250 V AC / 50-60 Hz, output voltage: 12 V DC or 24 V DC

Type	
P P K – 3 2 1 – 1	12 V DC / max. 2.5 A
P P K – 3 3 1 – 1	24 V DC / max. 1.25 A

NIV24
PPK-321-1
PPK-331-1