

Thank you for choosing a NIVELCO instrument.
We are sure that you will be satisfied throughout its use!

1. APPLICATION

The NIPOWER PPK-321 and PPK-331 switching power supplies provide a 12 V or 24 V stabilised DC output for low power consumption devices. The output current is limited with an electronic fuse. In case of overcurrent or overheating the red LED flashes. Both devices are protected against short-circuit.

2. TECHNICAL DATA

2.1 GENERAL DATA

Type	PPK-321	PPK-331
Power supply (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*	2500 mA	1250 mA
Idle consumption	max. 9 V A / 1 W	max. 10 V A / 1.5 W
Max. load consumption	max. 70 V A / 37 W	
Overload capability	max. 120%	
Efficiency	>82%	
Fuse	T2A / 250 V	
Electronic protection of the output	Short circuit, overload, overvoltage	
Output voltage indication	Green LED	
Idle ripple	80 mV	
Max. load ripple	30 mV	
Power on delay	max. 5 sec	
Restart after overload	max. 1 sec	
Operating temperature	-20°C ... +40°C	
Max. testing voltage	4 kV	
Electrical connection	screw terminal for max. 2.5 mm ² (cross section)	
Electrical protection	class II. reinforced insulation	
Mechanical connection	EN 60715 rail	
Ingress protection	IP 20	
Mass	158 g	

* For correct operation provide good air circulation.

2.2 ORDER CODE

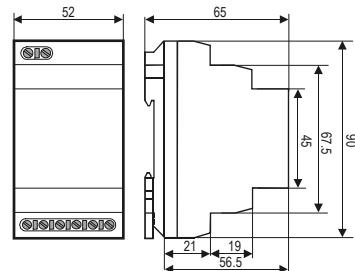
NIPOWER PPK - 3 1

Output	Code
12 V DC	2
24 V DC	3

2.3 ACCESSORIES

- User's Manual
- Certificate of Warranty
- Declaration of Conformity

2.4 DIMENSIONS

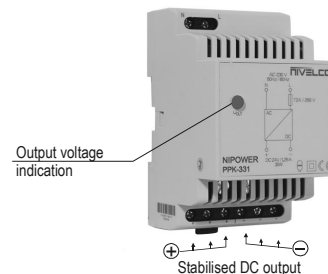


3. INSTALLATION

The PPK-321 and PPK-331 power supplies can be mounted on a EN 60715 rail.

4. WIRING

The device should be connected to the power supply according to the specified technical data. There are 3 (-) as well as 3 (+) connecting terminals available for connecting devices.



NIPOWER

SWITCHING POWER
SUPPLY MODULES



NIVELCO

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5. MAINTENANCE, REPAIR

The device does not require regular maintenance. Repair within and beyond the warranty period is carried out at the Manufacturer's location.

6. STORAGE CONDITIONS

Relative humidity: max. 90%
Ambient temperature: -25...+70°C

7. WARRANTY

All Nivelco products are warranted free of defects in materials or workmanship for a period of 3 years from the date of purchase, as indicated in the Certificate of Warranty.

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Nivelco reserves the right to change technical data without notice!