



F&F Filipowski sp. j  
ul. Konstytucyjna 79/81  
95-200 Pabianice, POLAND  
tel/fax 48 42 2270974  
e-mail: fif@fif.com.pl

## ZT-1

### STABILISED POWER SUPPLY transformer based



5 9 0 8 3 1 2 1 5 9 1 7 7 1

[www.fif.com.pl](http://www.fif.com.pl)

F&F products are covered by an 24 months warranty from date of purchase

#### PURPOSE

ZI is used to supply electrical and electronic equipment with an average power consumption, which require stable, filtered voltage independent of circuit voltage changes.

#### FUNCTIONING

-Due to the high frequency converter, some very sensitive radio or microprocessor can operate wrong. It is recommended that you install an additional filter OP-230 or LC between power supply and receiver. With increasing load above  $I_{max}$  supplier will stabilize the current, and output voltage. will decrease.

- The power supply is resistant to short-circuit.

- The power supply has a thermal fuse protection against overoverload value  $I_{max}$ . When congestion long-term power supply is automatically disconnected.

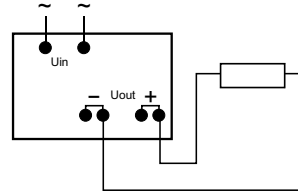
#### ASSEMBLY

1. Take OFF the power.
2. Power cable connect to input joints..
3. Receiver connet to output joints with marked polarity.

#### TECHNICAL DATA

supply $U_{in}$	180+264VAC
output voltage $U_{out}$	5V DC
output current	3A
power consumption	15W
keying frequency	52kHz
current limitation	$I_{max} = 110\%$ of output current
minimal load	0%
working temperature	-10+40°C
weight	742g
connection	screw terminals 2,5mm <sup>2</sup>
dimensions	6 modules (105mm)
fixing	on rail TH-35

#### WIRING DIAGRAM



A090813