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## ZI-22

### STABILIZED POWER SUPPLY with pulsed stabilizer



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

#### Purpose

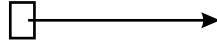
The STABILISED PULSE POWER SUPPLY UNIT serves to feed electrical and electronic devices of moderate power consumption which require a stable, filtered power voltage independent of network voltage fluctuations.

#### Functioning

\* Below 160V input power supply voltage will continue to stabilize the output voltage, but the maximum output current will decrease concurrent with a decline in input voltage.

\* Due to the high frequency converter, some very sensitive radio or microprocessor can operate correctly. It is recommended that you install the filter OP-230 between the power supply and receiver.

\* By increasing the load above  $I_{max}$  will stabilize power supply current, but, output voltage will decrease. If output voltage falls to about 40% of the power supply is switched off and will be  $1.5 \pm 2sec.$  sample.



Similarly happens when you connect the receiver, which receives a large current boot (ie the cold light bulb). If you're experiencing is not too large, the power supply after a few attempts (eg, the gradual warming-up, the light bulb filaments) runs. If the load is too large to sample the power supply will disconnect the load moment.

#### Mounting

1. Disconnect power supply.
2. Connect the network cables to the input terminals of the power supply unit.
3. Connect the receiver to the output terminals of the unit according to the scheme (keep the polarisation as indicated).

#### Technical data

input voltage	100±264V AC
output voltage	12V DC
output current	2.5A
output power	30W
current limitation	110% $I_{max}$
minimum load	0%
keying frequency	70KHz
working temperature	-10+40°C
connection	screw terminals 2,5mm <sup>2</sup>
dimensions	3 modules (52,5mm)
weight	190g
fixing	on rail TH-35

#### Diagram

