



## FEATURES

### Input voltage

24 - 48 V  
(18 ÷ 72 Vdc)

### Efficiency

> 85% (from 70% to full load)

### Input protections

- Input Transient Level (The P.S. shall not be damage when a 24Vac and 48Vac/50Hz full rectified voltage is applied)
- Short circuit on input line
- Reverse Polarity at the Input
- Input Voltage Lower
- The product shall admit a ripple of 15%/50Hz on the 24 Vdc and 48 Vdc input voltage without disturbance.

### Output protections

- Overload protection (active clamp)
- Short-circuit protection

### Hold up time

50 ms (at 40Vdc and nominal power)

### Rise Time

100 ms (from 10% to 90% of out voltage)

### Start up time

500 ms

### Operating indicators

- Green Led = Input voltage is OK (IN OK)

- Green led = Output voltage is OK (OUT OK)

### Operating temperature

-40° ÷ +85° C

### Dielectric withstand voltage

- Input - Output = 2,5 KVrms
- Input - Mechanical Ground = 2,5 KVrms
- Output - Mechanical Ground = 0,5 KVrms

### Isolation

- Comply with EN 50124-1
- Mechanical Ground - Output > 200 MOhm
- Mechanical ground - Input > 200 Mohm

- Input - Output > 200 Mohm

### Comply with

- EN 50155
- EN 50121-3-2
- EN 50121-4
- IEC 62380
- CECC 0020
- CECC 63000

- DIRECTIVE 2002/95/EC

- EN 60529
- EN 61373
- EN 50125-1
- EN 50125-3
- EN 60068-2-1
- EN 60068-2-2
- EN 60068-2-30
- EN 61000-4-2
- EN 61000-4-3
- EN 61000-4-4
- EN 61000-4-5
- EN 61000-4-6
- EN 55011
- NFF 16-101
- NFF 16-102
- CEI 664
- NFC 42-801
- EMN 60950-1
- EN 50129

- EN 50160
- EMCSS-VILB-TH-00157
- MIL.03.TIS.STD.004

### Weight

< 1,4 Kg

### Connections

- Input = DIN 41612 Type H15 Male Argented with Mechanical Coding
- Output = DIN 41612 Type C96

### MTBF

• 1000000 h (comply with IEC 62380)

### Audio Noise

- < 40dB (A) at 1 meter

### Power Supply Comply with:

- NF F 16-101
- NF F 16-102

### Manufacture comply with:

- IPC A 610 REV. D Class 3
- RoHS

## FEATURES TABLE

Vout Volts	Iout Ampere	Imin Ampere	Staic Line and load Variation temperature and Dynamical Variation %	Ripple & NOise (0÷20MHz) mV
12.35	7	0	5	< 50 (0 ÷ 50KHz) < 100 (50KHz ÷ 20MHz)

## POWER SUPPLY VIEW



## DIMENSIONS AND CONNECTIONS

