



### FEATURES

**Input voltage**  
115 - 125 - 220 - 230 Vac  
(90±264Vac)

**Input frequency**  
46±450 Hz

**Efficiency**  
> 80% (from 70% to full load)

**Power factor**  
> 0,8

**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

**Harmonic Distortion**

- up to 10%, according EN 50160

**Output protections**

- Overvoltage protection
- Overload protection
- Short-circuit protection

**Hold up time**  
500 ms at 99V/48Hz and nominal power

**Rise Time**  
100ms (from 10% to 90% to output voltage)

**Start up time**  
500ms

**Operating indicators**

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

**Operating temperature**  
-40°C ÷ +85°C

**Storage temperature**  
-40°C ÷ +85°C

**Cooling**  
Natural convection

**Dielectric withstand voltage**

- Input - Output = 3,5KVrms
- Input - Mechanical Ground = 3,5KVrms
- Output - Mechanical Ground = 0,5KVrms

**Isolation**

- Comply with EN 50124-1
- Mechanical Ground - Output < 100 MOhm
- Mechanical ground - input < 100 Mohm
- input - Output > 200 Mohm

**Comply with**

- EN 50155

- EN 50121-3-2
- EN 50121-4
- EN 50124-1
- IEC 62380
- CECC 0020
- CECC 63000
- DIRECTIVE 2002/95/EC
- EN 60529
- EN 61373
- EN 50125-1
- EN 50125-3
- EN 60 068-2-1
- EN 60 068-2-2
- EN 60 068-2-30
- EN 61000-4-2
- EN 61000-4-3
- EN 61000-4-4
- EN 61000-4-5
- EN 61000-4-6
- EN 55011

- CEI 664
- NFC 42-801
- EN 60950-1
- EN 50129
- EN 50160
- EMCSS-VILB-TH-00157

**Weight**

< 2,0 Kg

**Connections**

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

**MTBF**

- 750000 h (comply with IEC)

**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

