

FEATURES

Input voltage

100 ÷ 240Vac

Input current

7A - 2.8A (100 - 240Vac)

Input frequency

47÷63 Hz

Efficiency

90% typ. Vin nom.

Power factor

0,9 typ

Input protections

- Inrush current limitation (cold start) < 40A (on 85Vac) and <20A (on 265Vac)

- Fuses on input line

- RFI filter

Leakage current to GND

< 0,3 mA

See table for

- Output voltages and currents

- Tolerance (line+load.)

- Output Ripple & Noise

Output protections

- Over current protection

- Over voltage protection

Hold up time

20ms

Output power

600W nom.

Inhibit input

- TTL/CMOS comp. High active

Operating temperature

-10° ÷ +50° C

Storage temperature

-25° ÷ +70° C

Temperature drift

0,02% /°C

Humidity

95% (with dew)

Cooling

Forced by fan

Dielectric withstand voltage

- Comply with EN60601-1

Isolation

- Comply with EN60601-1

Comply with

- IEC EN 60601-1+A1+A2

- EN 55011 Classe B

- EN 60825

- EN 61000-3-2

- EN 61000-3-3 (Flickers) PLT<0,65 Vnom. X 9 cycles

- EN 61000-4-3 (RF Immunity)

- EN 61000-4-6 (RF Immunity)

- EN 61000-4-4 (Surge)

- EN 61000-4-5 (Burst)

- EN 61000-4-11

- EN 61000-4-2

Connections

- Input connector: PHOENIX GMSTBA 2,5/3-G7,62

- Output Connector : TYCO 1-350944-0

- Signals Connector : WURTH ELEKTRONIK 66200311022

Dimensions:

- 260,00 x 180,00 x 75,00 mm

Voltage programming:

with Vprog.=0V correspond Vout=400V

with Vprog.=10V correspond Vout=500V

Manufacture comply with:

- IPC610 Level 1

- RoHS

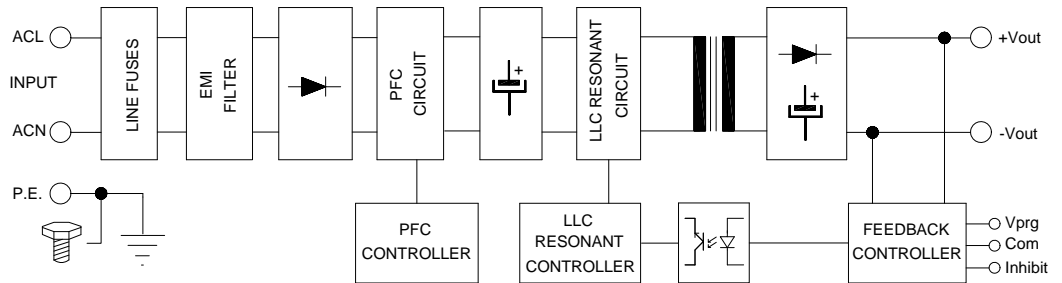
FEATURES TABLE

Vout Volts	Iout Ampere	Imin Ampere	Line regulation VIN(min÷max) %	Load regulation (10÷100%) %	Ripple & Noise (0÷20MHz) %
400÷500	1.2	0	±1	5	1

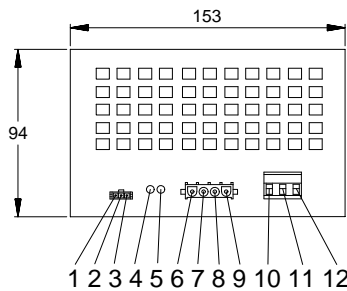
POWER SUPPLY VIEW



BLOCK DIAGRAM



DIMENSIONS AND CONNECTIONS



- 1)INHIBIT (HIGH ACTIVE)
- 2) COM
- 3) VPROG (0-10V)
- 4) LED VOUT OK
- 5) LED VIN OK
- 6) COM VOUT
- 7) COM VOUT
- 8) n.c.
- 9) +VOUT
- 10) VIN ACL
- 11) VIN ACN
- 12) P.E.

