

M074

Revision: 3R17.10.02
Sheet: D010702A

FEATURES

Input voltage

90÷264Vac

Input current

1.8A

Input frequency

50/60Hz

Efficiency

75% typ.

Input protections

- Line fuses on mains
- EMI filter
- Inrush current protection

See table for

- Output voltages and currents
- Line and load regulation
- Output ripple and noise

Output protections

- Overload protection on all outputs

- Short circuit protection on all outputs
- Overvoltage protection on output VA

Output power

70W

Operating temperature

0°C to 50°C

Temperature power derating

2%/°C (50÷70°C)

Storage temperature

-20°C to 85°C

Temperature drift

0.01%/°C

Long term stability

Better than 1% after 24 hours

Cooling

Natural convection

Control and adjustment

- Vout VA through potentiometer

Dielectric withstand voltage

- Input - Output : 3750Vac (on insul.comp)
- Input - P.E.: 1750Vac

Isolation

- Output - P.E.: 500Vdc

Comply with

- EN 50081-1
- EN 61000-6-2
- EN 60950
- CE

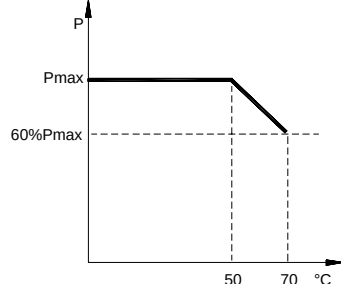
FEATURES TABLE

Output	Vout V	Iout nom. A	Iout min A	Iout max A	Load Regulation (10÷100%) %	Line Regulation VIN(min÷max) %	Ripple & Noise (0÷20MHz) mVpp
VA	+5	7	0	7	1	0.5	50
VB	+12	2.5	0	2.5	5	0.5	100
VC	-12	0.3	0	0.3	1	0.1	100
VD	-5	0.3	0	0.3	1	0.1	100

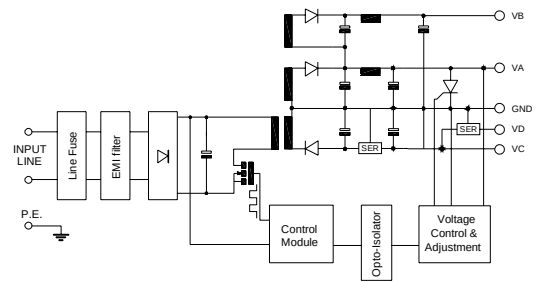
POWER SUPPLY VIEW



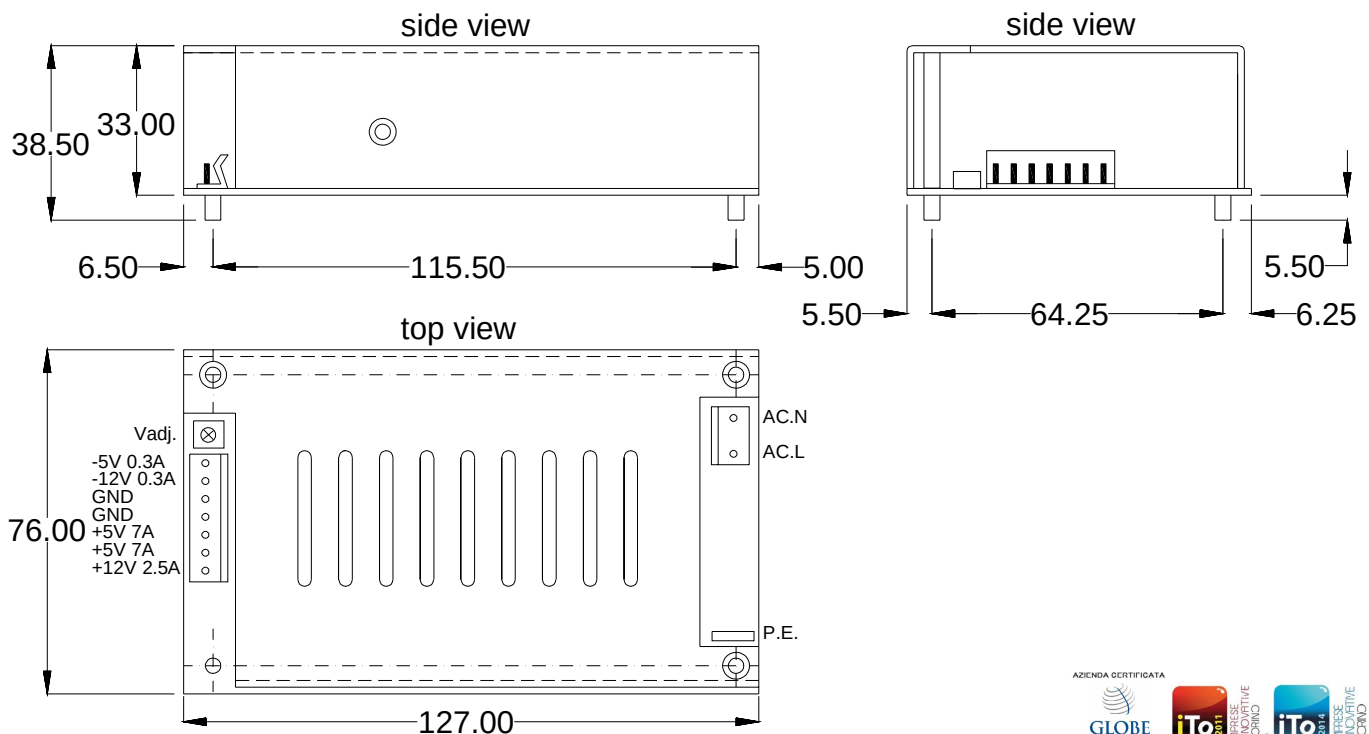
TEMP. POWER DERATING



BLOCK DIAGRAM



DIMENSIONS AND CONNETIONS



Note: all features are subject to change without notice.

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