

S060 range

Revision: 9P07.10.02
Sheet: A-060-00

FEATURES

Input voltage

115/230Vac $\pm 15\%$
(jumper selectable on pcb)

Input frequency

50/60Hz

Efficiency

75% typ.

Switching operating frequency

60kHz typ.

Input protections

- Start-up peak current limitation
- EMI filter
- Line fuse

Leakage current to GND

Max 1.5mA at 50Hz

See table for

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

Output protections

- Overload
- Short circuit
- Overvoltage

Hold up time

15msec min.

Output power

50÷72W (see table)

Remote sense compensation

- 0.5Vmax

Inhibit input

- TTL/CMOS comp. low active

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% typ.

Long term stability

Better than 1% after 24hours

Cooling

Natural convection

Control and adjustment

- Vout through trimmer (see top-view)

Dielectric withstand voltage

- Input - Output: 3750Vac (on insulating components)

- Input - P.E.: 1750Vac

Isolation

- Output - P.E.: 500Vdc

Comply with

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

Weight

board: 490g; closed: 720g

Optional features

- C - Closed box
- H - For RAIL-DIN mounting
- P - Increase output power
- PF - Power fail/reset signal

Note

- 5V version is provided only with fixed type output connector.

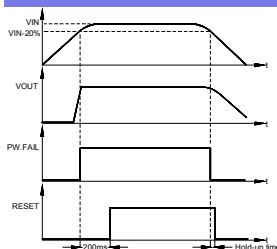
FEATURES TABLE

MODEL	Output Power W	Vout Volts	Iout Ampere	Line regulation VIN(min÷max) %	Load regulation (10÷100%) %	Ripple & Noise (0÷20MHz) mV
S062	50	5	10	± 0.1	± 0.5	50
S063	60	12	5	± 0.1	± 0.5	100
S064	60	15	4	± 0.1	± 0.5	100
S066	60	24	2.5	± 0.1	± 0.5	150
S067	57.6	36	1.6	± 0.1	± 0.5	150
S068	62.4	48	1.3	± 0.1	± 0.5	150
S069	60	96	0.6	± 0.1	± 0.5	200

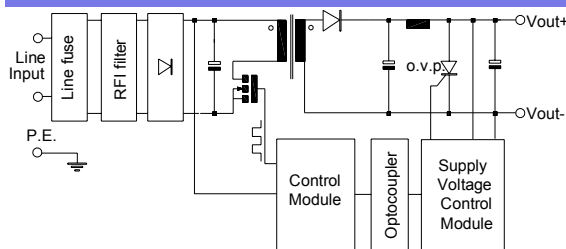
POWER SUPPLY VIEW



PF/RESET SIGNALS

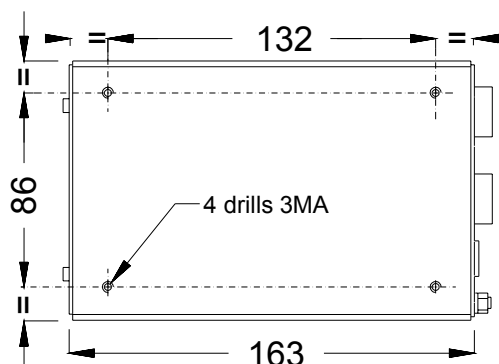


BLOCK DIAGRAM

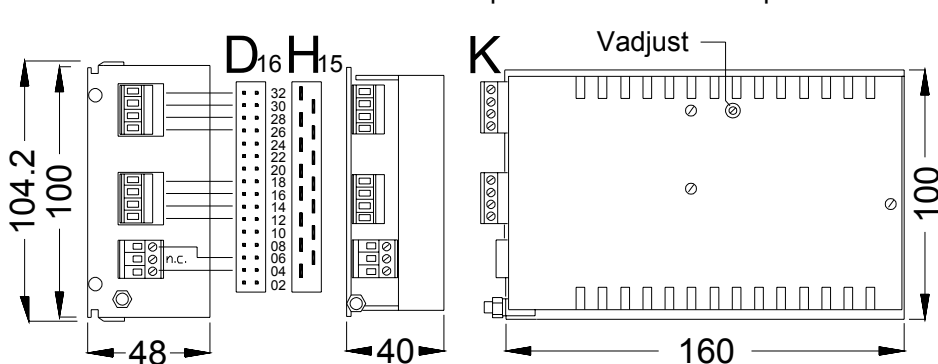


DIMENSIONS AND CONNECTIONS

enclosure -C- bottom and front views



open-frame front and top views



02)n.c. 04)ACinput 06)ACinput 08)n.c. 10)P.E. 12)inhibit 14)sense+ 16)pw.fail.
18)sense- 20)reset 22)n.c. 24)n.c. 26)Vout- 28)Vout- 30)Vout+ 32)Vout+

AZIENDA CERTIFICATA



1918/2008
UNI EN ISO 9001:2000

Note: all features are subject to change without notice.

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