

## 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 $\div$ 72W (see table)

### Remote sense compensation

0.5Vmax

### Inhibit input

- TTL/CMOS comp. low active

### Control and adjustment

- Vout through trimmer (see top-view)

### Operating temperature

0°C to 50°C

### Temperature power derating

2%/°C (50 $\div$ 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

### 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 60950-1
- CE
- UL

### Weight

board: 490g; closed: 720g

### Note

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

### Optional features

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

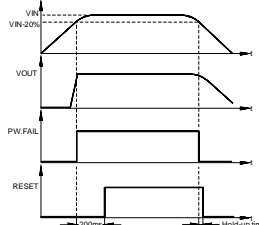
## FEATURES TABLE

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

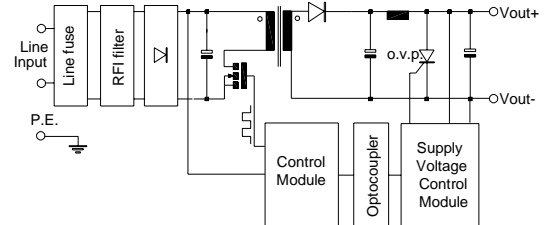
### POWER SUPPLY VIEW



### PF/RESET SIGNALS

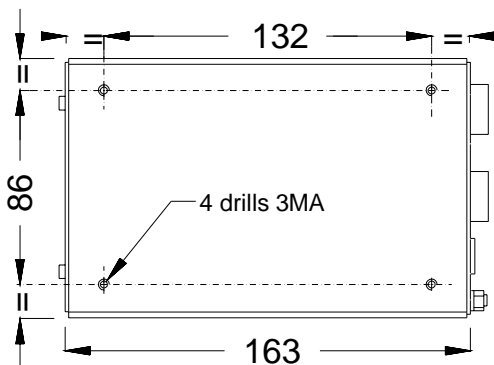


### BLOCK DIAGRAM

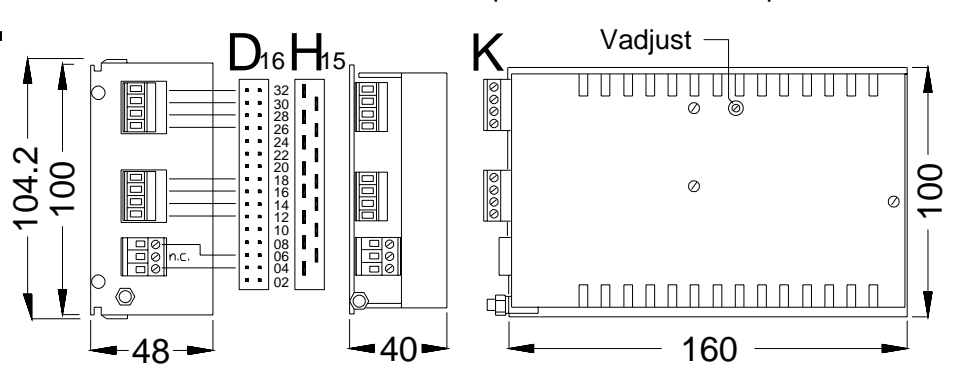


## DIMENSIONS AND CONNECTIONS

### 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+