

M262-R

Revision: 6R18.10.02
Sheet: D-262-00

FEATURES

Input voltage

115/230Vac $\pm 15\%$, selectable on pcb

Input frequency

50/60Hz

Efficiency

80% typ.

Switching operating frequency

30kHz typ.

Input protections

- Inrush current limitation: 30A at $V_{in}=230Vac$
- Line fuse and EMI filter

See table for

- Output voltages and currents
- Regulations and and noise

Output protections

- Overload and short circuit prot. on all outputs
- Overvoltage prot. on output A at $V_o + 25\%$ typ.

Hold up time

20msec min.

Output power

250W

Remote sense compensation

- Only on output A - 0.5V max

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

0.05%/°C

Long term stability

Better than 1% after 24 hours

Cooling

Natural convection

Control and adjustment

- Output VA through trimmer on front panel

Operating indicators

- Test points: for all outputs
- Led : for all outputs

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

Optional features

- PF - Power fail/reset signals
- VOK - Output voltage supervision

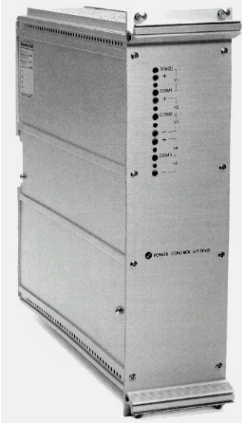
Note:

- The maximum current is within the power rating of the unit

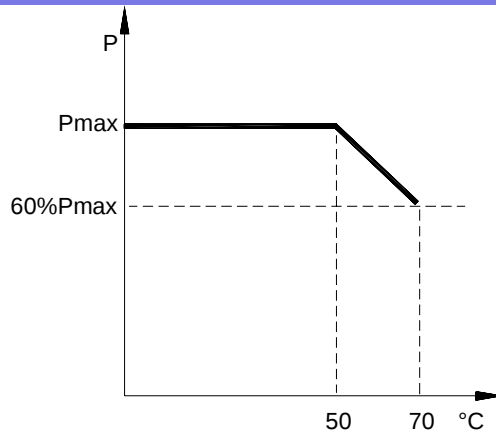
FEATURES TABLE

MODEL	OUT	Vout Volts	Vout adj. %	Iout Ampere	I _{max} Ampere	I _{min} Ampere	Load regulation (20÷100% Iout) I _a =25A cost. %	Load regulation (20÷100% Iout) I _b =6A cost. I _c =2A cost. %	Line regulation V _{IN} (min÷max) %	Ripple & Noise (0÷30MHz) % Vout
M262R	A (sw)	5	± 5	25	30	4	-	0.5	0.5	1
	B (sw)	12	-	6	8	0.5	± 3	± 3	0.5	1
	C (sw)	-12	-	2	4	0.5	± 2	± 3	0.5	1
	D (sr)	15	-	1	1.5	-	0.5	0.5	0.1	1
	E (sr)	-15	-	1	1	-	0.5	0.5	0.1	1

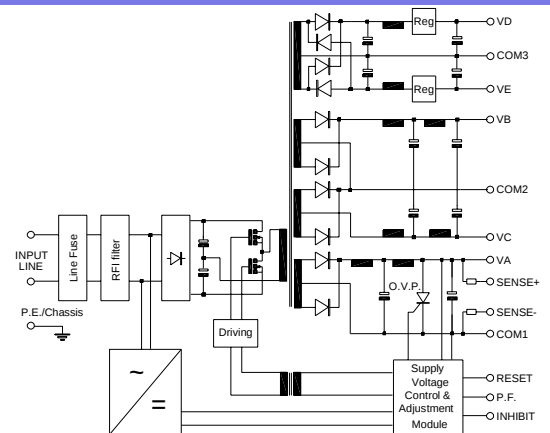
M262-R VIEW



TEMP. POWER DERATING

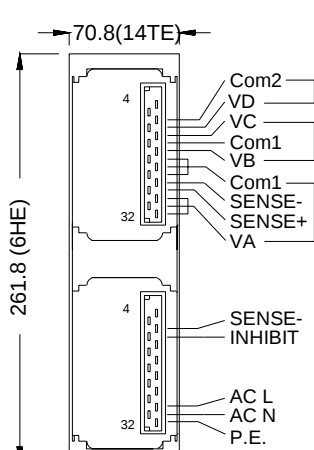


BLOCK DIAGRAM

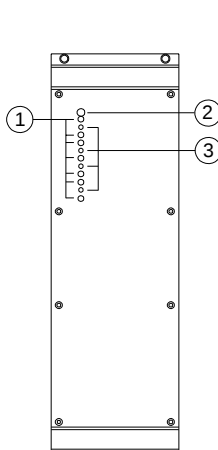


DIMENSIONS AND CONNECTIONS

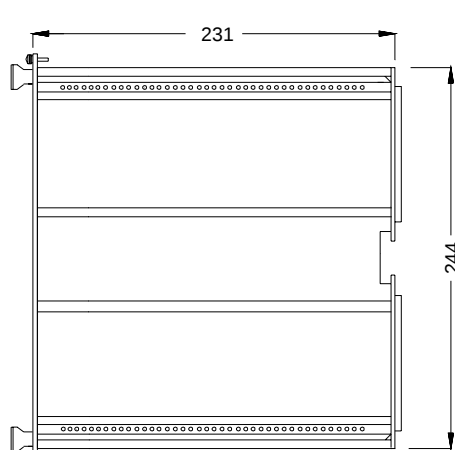
rear view



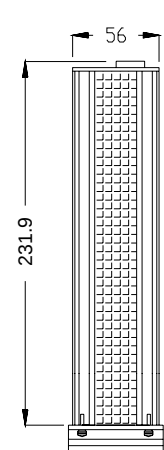
front view



side view



bottom view



1)Test-points

2)VA adjust-trimmer

3)Output voltage led indicators