

FEATURES

Input voltage

90±264Vac

Input frequency

50±400Hz

Efficiency

80% (at 230Vac full load)

Input protections

- Line fuse
- EMI filter
- Inrush current < 30A
- Power Factor Corrector

Leakage current to GND

<2mA at 50Hz

See table for

- Output voltages and currents
- Line and load regulation

- Output ripple

- Output power

- Efficiency

Output protections

- Short-circuit on all outputs
- Overvoltage on all outputs

Hold up time

20msec min.

Remote sense compensation

0.5V max on VB

Control and adjustment

- VA and VB through trimmers on front panel

Temperature drift

0.01%

Long term stability

Better than 1% after 24 hours

Cooling

Forced ventilation

Dielectric withstand voltage

- Input - P.E. > 1750Vac

Isolation

- Output - P.E. > 500Vac

Comply with

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

Weight

3800g

Optional features

- PF - Power fail/reset signals

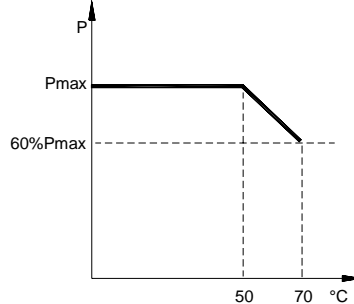
FEATURES TABLE

MODEL	Output Power W	OUT	Common	Vout Volts	Inom Ampere	Iout max * Ampere	Imin Ampere	Line regul. VIN(min÷max) %	Load regul. (10÷100%) %	Ripple & Noise (0÷20MHz) % Vout
M402	380	VA (sw)	COM1	24	12	15	0	±0.5	2	1
		VB (sw)	COM2	5	15	20	0	±0.5	2	1
		VC (sr)	COM3	5	3	3	0	±0.5	2	1
M406	380	VA (sw)	COM1	15	10	18	0	±0.5	2	1
		VB (sw)	COM2	15	10	18	0	±0.5	2	1
		VC (sr)	COM3	24	2	3	0	±0.5	2	1
M407	340	VA (sw)	COM1	36	6	8	0	±0.5	2	1
		VB (sw)	COM2	24	4	5	0	±0.5	2	1
		VC (sr)	COM3	12	2	3	0	±0.5	2	1

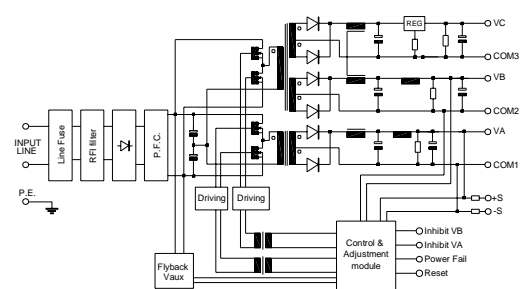
POWER SUPPLY VIEW



TEMP. POWER DERATING

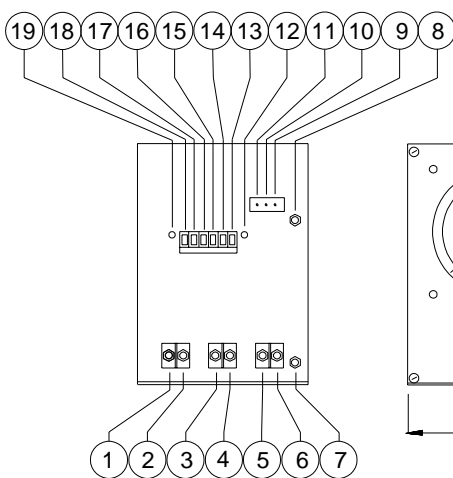


BLOCK DIAGRAM

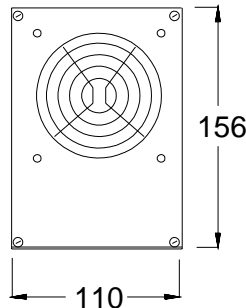


DIMENSIONS AND CONNECTIONS

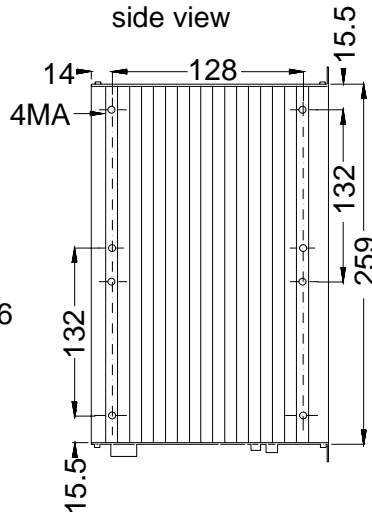
front view



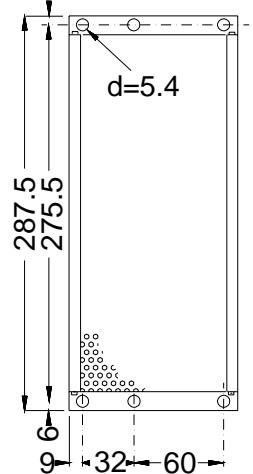
rear view



side view



top view



- 1)VA 2)COM1 3)COM2 4)VB 5)COM3 6)VC 7)P.E.(Chassis) 8)P.E.(Chassis)
 9)ACinput 10)n.c. 11)ACinput 12)VA adjust 13)Sense+ 14)Sense-
 15)Inhibit2 (VB) 16)Inhibit1 (VA) 17)Power Fail 18)Reset 19)VB adjust