

M400 range

Revision: 1R18.10.02
Sheet: P010427A

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

Temperature drift

0.01%

Long term stability

Better than 1% after 24 hours

Cooling

Forced ventilation

Control and adjustment

- VA and VB through trimmers on front panel

Dielectric withstand voltage

- Input - P.E. > 1750Vac

Isolation

- Output - P.E. > 500Vac

Comply with

- EN 50081-1 EN 61000-6-2

- EN 60950

- CE

Optional features

- PF - Power fail/reset signals

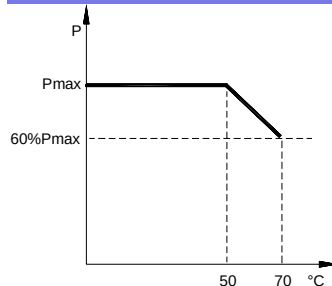
FEATURES TABLE

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

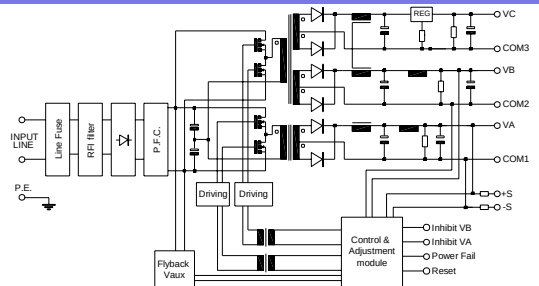
POWER SUPPLY VIEW



TEMP. POWER DERATING



BLOCK DIAGRAM



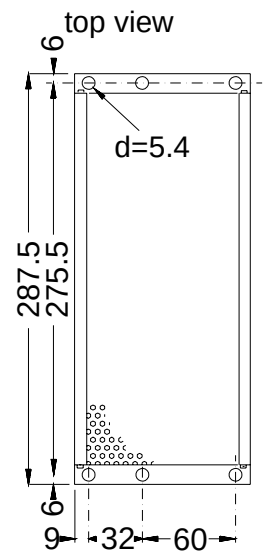
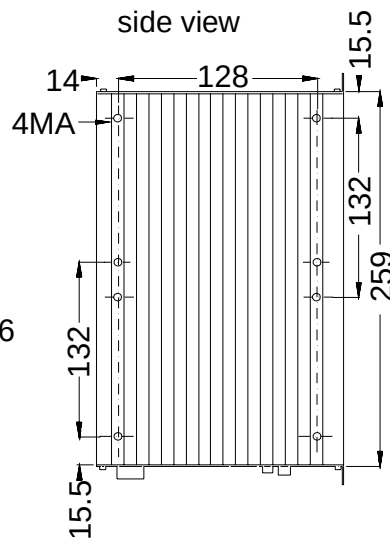
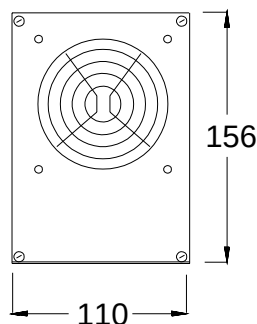
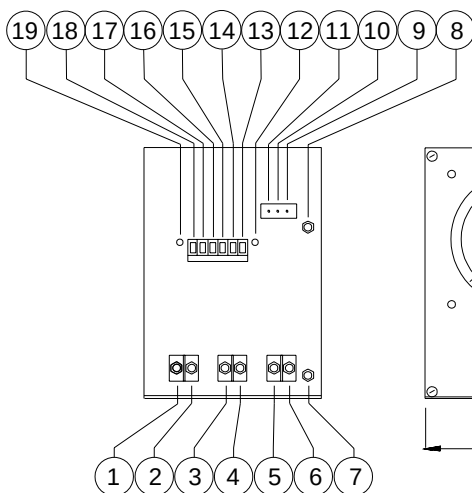
DIMENSIONS AND CONNECTIONS

front view

rear view

side view

top view



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|---------------|----------|--------------|--------------|-----------|-----------|------------------|------------------|
| 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 | | | | | |

AZIENDA CERTIFICATA



Note: all features are subject to change without notice.

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