

M067 range

Revision: 8R17.10.02
Sheet: C-067-00

FEATURES

Input voltage

90÷264Vac

Input frequency

50/60Hz

Efficiency

75% typ.

Input protections

- Inrush current limitation
- Line fuse and EMI filter

Leakage current to GND

Max 2mA at 50Hz

Output protections

- Overload and short circuit on all outputs
- Overvoltage: on out VA at Vo + 25% typ.

Hold up time

15msec min.

Output power

40÷60W (see table)

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%/°C typ.

Long term stability

Better than 1% after 24 hours

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

Weight

open-frame: 470g, closed 670g

Optional features

- C - Closed box
- H - RAIL-DIN mounting
- PF - Power fail/reset signals

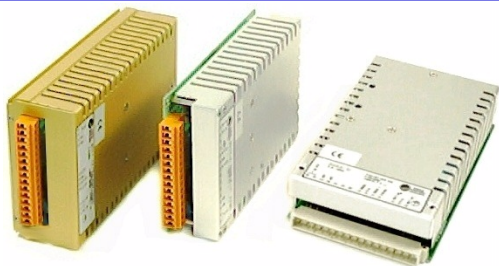
Note

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

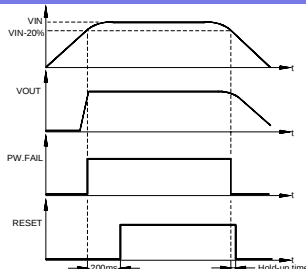
FEATURES TABLE

MODEL	Output Power W	OUT	Vout V	Iout A	Imin A	Line reg. % (VINmin÷max)	Load reg. % (Io 10÷100%)	Ripple %Vo (0÷20MHz)
M067	40	A (sw)	5	5	0.5	±0.1	2	1
		B (sr)	15	0.5	0	±0.1	2	1
		C (sr)	-15	0.5	0	±0.1	2	1
M067/5	43.5	A (sw)	5	5	0.5	±0.1	2	1
		B (sr)	15	0.5	0	±0.1	2	1
		C (sr)	-15	0.5	0	±0.1	2	1
		D (sr)	5	0.7	0	±0.1	2	1
M067/12	48.4	A (sw)	5	5	0.5	±0.1	2	1
		B (sr)	15	0.5	0	±0.1	2	1
		C (sr)	-15	0.5	0	±0.1	2	1
		D (sr)	12	0.7	0	±0.1	2	1
M067/24	56.8	A (sw)	5	5	0.5	±0.1	2	1
		B (sr)	15	0.5	0	±0.1	2	1
		C (sr)	-15	0.5	0	±0.1	2	1
		D (sr)	24	0.7	0	±0.1	2	1

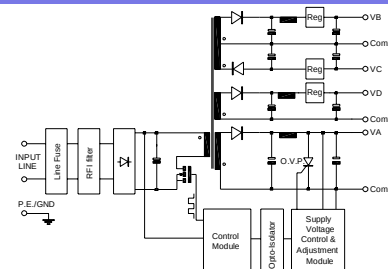
M067 RANGE VIEWS



PF/RESET SIGNALS



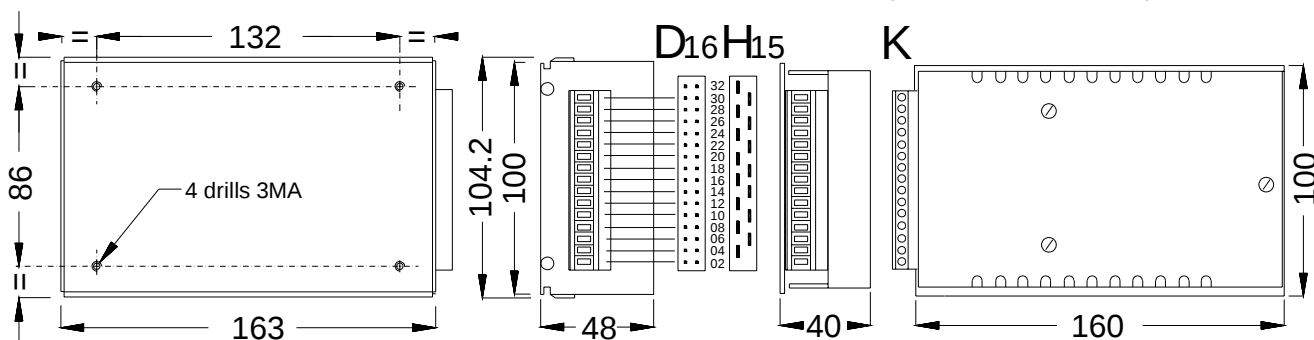
BLOCK DIAGRAM



DIMENSIONS AND CONNECTIONS

enclosure -C- bottom and front views

open-frame front and top views



02)VA 04)VA 06)Com1 08)Com1 10)Power fail 12)Reset 14)VD 16)Com3

18)VB 20)COM2 22)VC 24)P.E./Chassis 26)n.c. 28)ACinputN 30)ACinputL 32)n.c.

AZIENDA CERTIFICATA



Note: all features are subject to change without notice.

Costruzioni Elettroniche Elettromeccaniche & Affini s.r.l. - 10132 TORINO - C.so Casale, 413 - Tel. 0118987106 / 0115534597 - fax 0115534597 - e_mail cea@cea.to - URL http://www.cea.to