

M252-R-PCI

Revision: 2R18.10.02
Sheet: R010427A

FEATURES

Input voltage

90÷264Vac

Input frequency

47÷63Hz

Efficiency

>78% at full load typ.

Input protections

- EMI filter
- Inrush current limitation
- Input line fuses

Leakage current to GND

<2mA

See table for

- Output voltages and currents
- Line and load regulation
- Outputs ripple

Output protections

- Short circuit protection on all outputs
- Overload protection on all outputs
- Overvoltage protection on V1 at 6.2V
- Overvoltage protection on V2 at 3.9V

Hold up time

>20msec typ.

Start up time

<100msec

Operating temperature

0°C to 50°C

Temperature power derating

2%/°C (50÷70°C)

Storage temperature

-25°C to 70°C

Temperature drift

0,05% typ.

Humidity

5%÷95%

Operating indicators

- Led Input OK
- Led Failure

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
- EN 61000-3-2 Cl.A
- CE

Output Power

- Total: 250Wmax
- V1+V2: 130Wmax together

Output signal FAL#

- V1 fail
- V2 fail
- Vin fail

Note

The maximum current is within the power rating of the unit

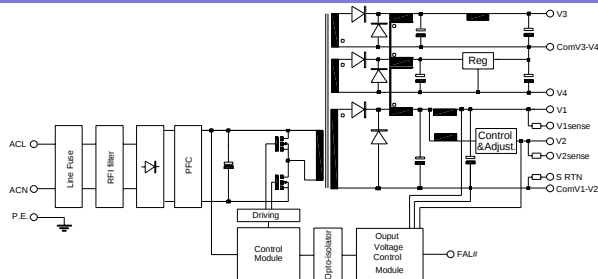
FEATURES TABLE

OUT	Common	Vout Volts	Iout Ampere	I _{max} Ampere	I _{min} Ampere	Load regulation (20÷100% Iout) %	Line regulation VIN(230±15%) %	Ripple & Noise (0÷20MHz) mV p.p.
V1	COM V1-V2	5	26	28	5	0.5	0.5	30
V2		3.3	14	18	4	0.5	0.5	50
V3	COM V3-V4	12	7	9	1	±5	0.5	50
V4		-12	2	4	0.5	±5	0.5	50

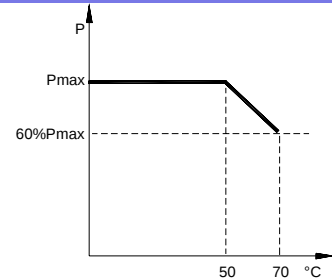
VIEW



BLOCK DIAGRAM

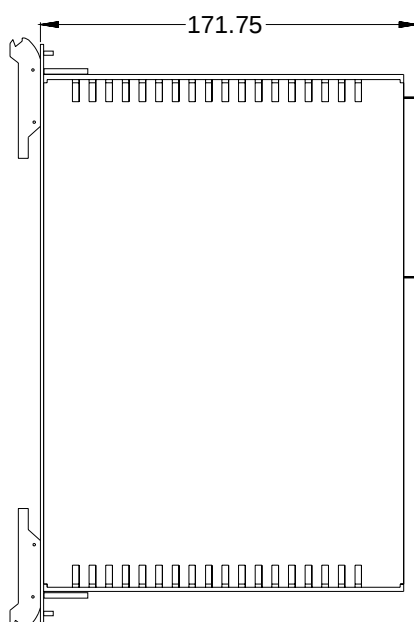


TEMP. POWER DERATING



DIMENSIONS AND CONNECTIONS

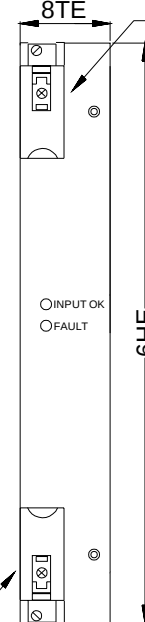
side view



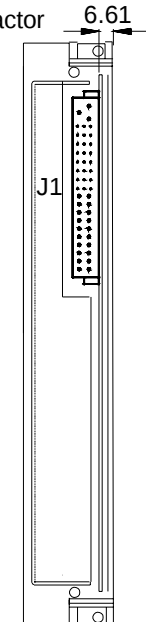
Connector Positronic PCI47M400A1
Mating Connector PCI47F300A1

47	ACL
46	ACN
45	CGND
44	FAL#
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front view



rear view



extractor