

## 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

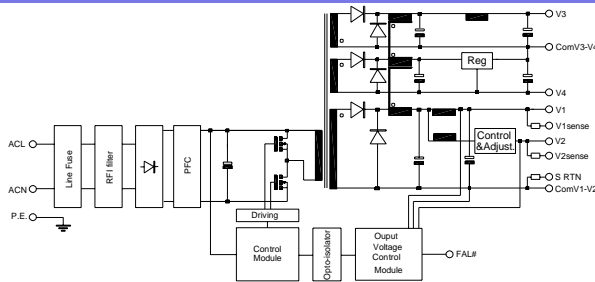
## FEATURES TABLE

OUT	Common	Vout Volts	Iout Ampere	I <sub>max</sub> Ampere	I <sub>min</sub> 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

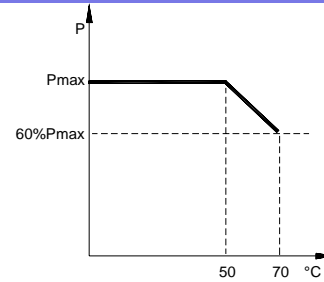
## VIEW



## BLOCK DIAGRAM

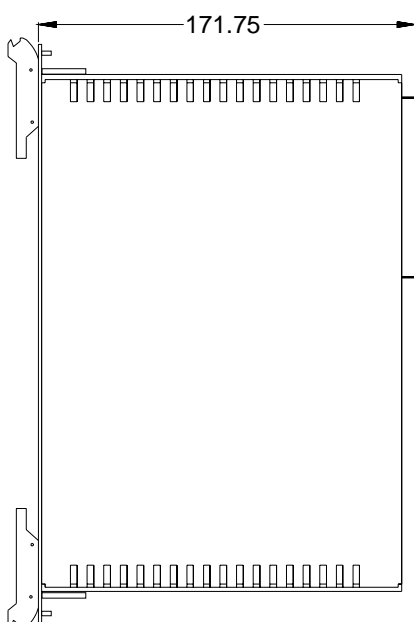


## TEMP. POWER DERATING



## DIMENSIONS AND CONNECTIONS

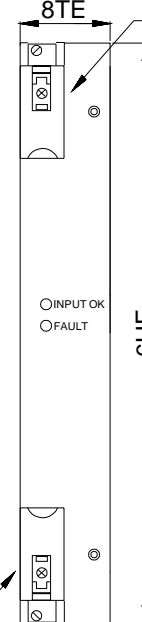
### side view



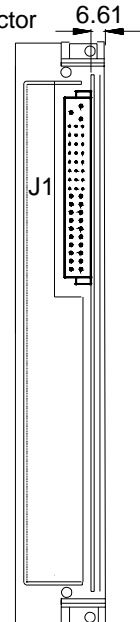
Connector Positronic PCI47M400A1  
Mating Connector PCI47F300A1

47	ACL	
46	ACL	
45	ACN	
44	CGND	
43	FAL#	
42		
41		
40	V2 SENSE	S RTN
39	V1 SENSE	
38		
37		
36		
35	COM V3-V4	
34		
33	V4	COM V1-V2
32		
31	COM V3-V4	V3
30	V2	V2
29	V2	V2
28	V2	V2
27	COM V1-V2	COM V1-V2
26	COM V1-V2	COM V1-V2
25	COM V1-V2	COM V1-V2
24	COM V1-V2	COM V1-V2
23	V1	V1
22	V1	V1
21		
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2		

### front view



### rear view



extractor

Note: all features are subject to change without notice.