



FEATURES

Input voltage

85÷264Vac

Input frequency

50/60Hz

Efficiency

75% typ.

Switching operating frequency

60KHz typ.

Power factor

0.9 typ.

Input protections

- Fuse 1x T 5A
- Mains filter
- Start-up peak current limitation

Leakage current to GND

<1.5mA

Output protections

- Short circuit on all outputs

- Overload on all outputs
- Overvoltage on outputs: A,B,C,D,E
- Undervoltage on outputs: A,B
- Thermal shut-down (85°C typ.)

Hold up time

20msec typ.

Output power

290W

Output signals

- INIT low active TTL compatible
- THERM. FAIL low active TTL compatible
- POWER FAIL low active TTL compatible

Operating temperature

-15°C to 40°C

Temperature drift

0.01%/°C

Cooling

Forced ventilation

Dielectric withstand voltage

- Input - Output :1750Vac
- Input -P.E.: 1750Vac

Isolation

- Output - P.E.:500Vdc

Comply with

- EN 50081-1
- EN 50082-1
- EN 61010
- CSA 1010
- UL 1262
- UL 3101

Power-off input signal

Output VE inhibit, low active TTL comp

Jumper connection

Through this pin (connected to COM1) the PSU can operate only if it's used on appropriate location.

M310-X-2-PFC VIEW

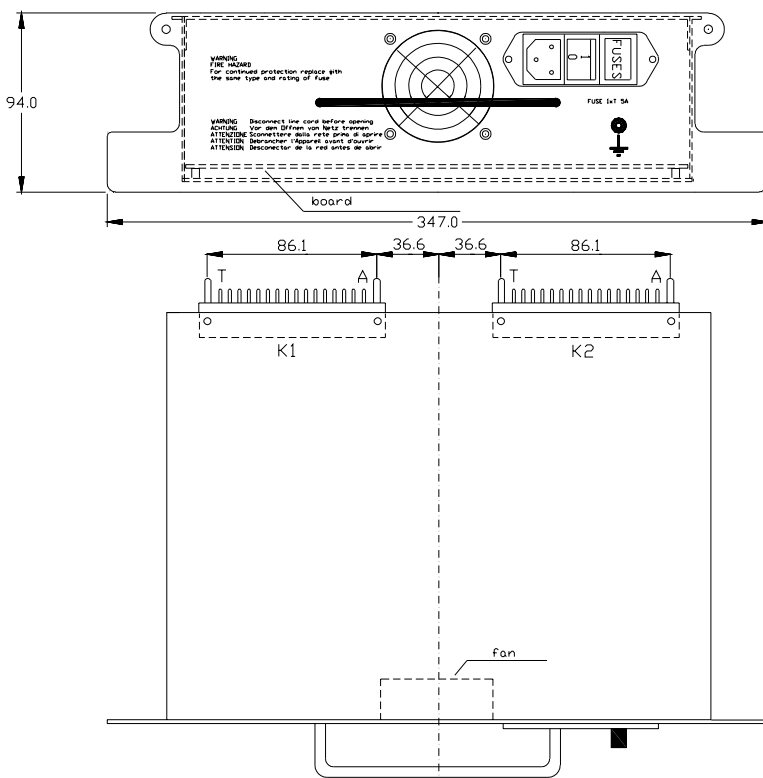


FEATURES TABLE

COMMON	OUT	Vout setting value Volts	Iout Ampere	OVP Volts	UVP Volts	Line and load regulation %	Ripple & Noise (0÷20MHz) mVpp
COM1	VA	5	7.5	>=6.2	<=4	±2	<50
COM1	VB	12	2.5	>=15	<=11	2	<100
COM2	VC	15	1.5	>=18	-	±1	<20
COM2	VD	-15	1.5	>=18	-	±1	<20
COM3	VE	24	6	>=27	-	5	<200
COM4	VF	12	0.5	-	-	±5	<50
COM4	VG	-12	0.5	-	-	±5	<50
COM1	VPRG	6÷15	1	-	-	±5	<200

DIMENSIONS AND CONNECTIONS

front view



side view



K1	K2
A)N.C	A)COM3
B)VA	B)COM3
C)VA	C)COM3
D)VA	D)VE
E)COM1	E)VE
F)COM1	F)VE
H)COM1	H)N.C.
J)COM1	J)VD
K)VB	K)COM2
L)IN.VPRG.	L)VC
M)OUT VPRG	M)PW.FAIL
N)VG	N)PW.OFF
P)COM4	P)THERM.FAIL
R)VF	R)INIT
S)P.E.	S)JUMPER
T)P.E.	T)COM1