

SQ1209-1F

SQ1209-3F

FEATURES

Input voltage

94÷264Vac /400Vac TRIF.

Input frequency

50/60Hz

Efficiency

89%typ.

Power factor

>0,95 typ. (at Vin, Pin nominal)

Input protections

- Inrush current limitation
- RFI filter
- Fuses
- Overvoltage pulse limitation

See table for

- Output voltage and current
- Ripple and noise
- Line and load regulation

Output protections

- Short circuit prot. with automatic resume
- Over current protection

- Over voltage protection

Output power

1210W

Output signals

- reset relay contacts

Inhibit input

- High active (4.5÷15V)

Control and adjustment

- Trimmer Vadjust

Operating indicators

- Led Vout OK

Operating temperature

0°C to 60°C

Temperature power derating

2%/°C (50÷60°C see diag.)

Storage temperature

-25°C to 85°C

Temperature drift

0.01%/°C typ.

Long term stability

Better than 1% after 24hours typ.

Cooling

Forced ventilation

Dielectric withstand voltage

- Comply to EN 60950

Isolation

- Input - P.E.:1750Vdc

Comply with

- EN 55011 class B
- EN 55022 class B
- EN 50081-1
- EN 50082-2
- EN 61000-3-2/A14
- EN 60950
- CE

Weight

4,65 Kg

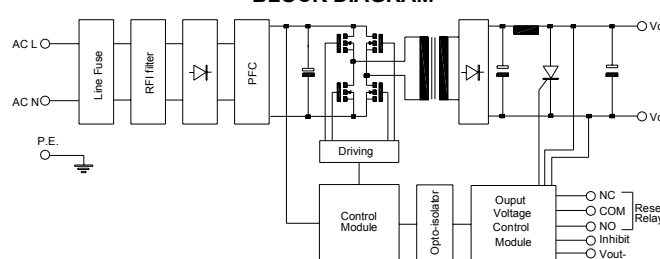
FEATURES TABLE

Vout Volts	Iout nom. Ampere	Imin Ampere	Tolerance Line + Load reg. %	Ripple & Noise (0÷20MHz) mV
110	11	0	±1%	<250

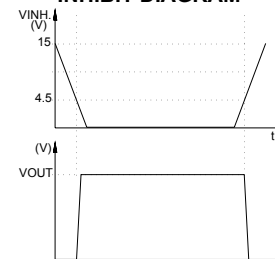
POWER SUPPLY VIEW



BLOCK DIAGRAM

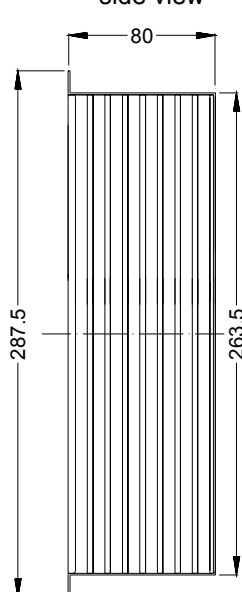


INHIBIT DIAGRAM

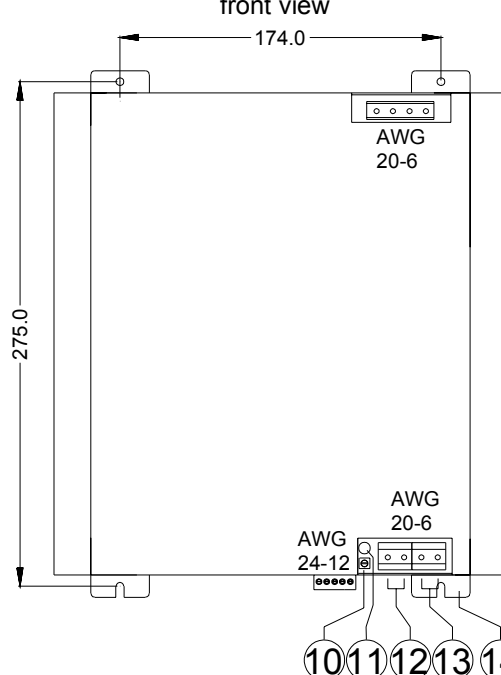


DIMENSIONS AND CONNECTIONS

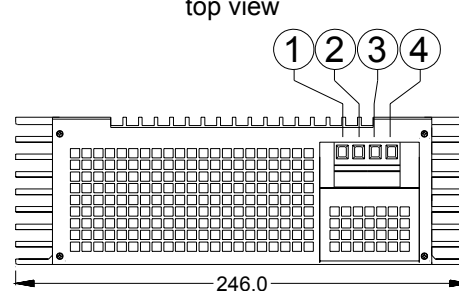
side view



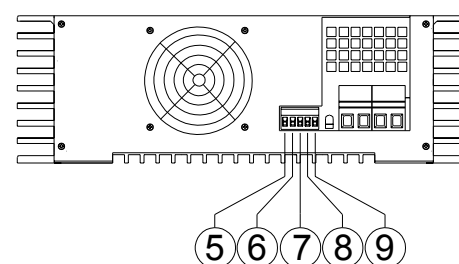
front view



top view



bottom view



- 1)AC input L 2)AC input N 3)No connected 4)P.E. 5)Vout- 6)Inhibit 7)Reset relay NO
8)Reset relay COM 9)Reset relay NC 10)Vadj. 11)led Vout ok 12)Vout- 13)Vout+ 14)SF-Fixing Bracket