

INGRESSO

- Nominale: 110/240 Vac $-10/+10\%$ 50/60Hz. 220/240VDC.
- Morsettiera 1 x 0,2...1.5 mm².
- Corrente massima: 0,6A.
- Fattore di potenza:
 $\lambda > 0.95$ @ 110/127 Vac, Pout > 10W
 $\lambda > 0.90$ @ 220/240 Vac, Pout > 30W
- Armoniche corrente assorbita: secondo EN 61000-3-2.
- Inrush current: 10A 200uS.

USCITA

- Isolamento SELV.
- Morsettiera 1 x 0,5...2.5 mm² per uscita LED.
- Connettore 6 poli con uscita LED e +12V aux.
- Selezione corrente e tensione di uscita tramite DIP switch (vedi tabella).
- Potenza massima e precisione di corrente 220/240VAC / VDC:
31W @ 700mA $\pm 6\%$ (10...44V)
40W @ 900mA $\pm 6\%$ (8...44V)
46W @ 1050mA $\pm 6\%$ (6...44V)
52W @ 1200mA $\pm 5\%$ (3...44V)
55W @ 1400mA $\pm 5\%$ (3...39V)
55W @ 1600mA $\pm 5\%$ (3...34V)
55W @ 1750mA $\pm 5\%$ (3...31V)
42W @ 24V $\pm 5\%$ (Imax = 1750mA)
- Potenza massima e precisione di corrente 110/127VAC:
31W @ 700mA $\pm 6\%$ (10...44V)
40W @ 900mA $\pm 6\%$ (8...44V)
46W @ 1050mA $\pm 6\%$ (6...44V)
50W @ 1200mA $\pm 5\%$ (2...42V)
50W @ 1400mA $\pm 5\%$ (2...36V)
50W @ 1600mA $\pm 5\%$ (2...31V)
50W @ 1750mA $\pm 5\%$ (2...28V)
42W @ 24V $\pm 5\%$ (Imax = 1750mA)
- Tensione in uscita massima: 59VDC.
- Efficienza carico massimo: 90%. Carico 50%: 87%.
- Consumo senza carico: <1W.
- Uscita ausiliaria isolata 12V - 100mA max su connettore

PROTEZIONI

- All'ingresso, contro sovratensioni impulsive di rete (secondo EN 61547) fino a 2KV N-L, 4KV N-GND e 4KV L-GND.
- Protezione al corto circuito e al circuito aperto.
- Protezione al sovraccarico e di temperatura (C.5.a della EN 61347-1).

FILTRO ANTIDISTURBO EMI

- Secondo EN55015.

INPUT

- Nominal: 110/240 Vac $-10/+10\%$ 50/60Hz. 220/240VDC.
- Terminal block for up to 1 x 0,2...1.5 mm².
- Max Input Current: 0,6A.
- Power factor:
 $\lambda > 0.95$ @ 110/127 Vac, Pout > 10W
 $\lambda > 0.90$ @ 220/240 Vac, Pout > 30W
- Harmonic content of mains current: according to EN 61000-3-2.
- Inrush current: 10A 200uS.

OUTPUT

- SELV insulation on output.
- LED terminal block for up to 1 x 0,5...2.5 mm².
- 6 poles connector with LED output and +12V aux.
- Selection of current and voltage output through DIP switch (see table).
- Max output power and current precision 220/240VAC / VDC:
31W @ 700mA $\pm 6\%$ (10...44V)
40W @ 900mA $\pm 6\%$ (8...44V)
46W @ 1050mA $\pm 6\%$ (6...44V)
52W @ 1200mA $\pm 5\%$ (3...44V)
55W @ 1400mA $\pm 5\%$ (3...39V)
55W @ 1600mA $\pm 5\%$ (3...34V)
55W @ 1750mA $\pm 5\%$ (3...31V)
42W @ 24V $\pm 5\%$ (Imax = 1750mA)
- Max output power and current precision 110/127VAC:
31W @ 700mA $\pm 6\%$ (10...44V)
40W @ 900mA $\pm 6\%$ (8...44V)
46W @ 1050mA $\pm 6\%$ (6...44V)
50W @ 1200mA $\pm 5\%$ (2...42V)
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50W @ 1600mA $\pm 5\%$ (2...31V)
50W @ 1750mA $\pm 5\%$ (2...28V)
42W @ 24V $\pm 5\%$ (Imax = 1750mA)
- Max. Output voltage: 59VDC.
- Efficiency @full load: 90%. @50% load: 87%.
- No load consumption: <1W.
- 12V isolated auxiliary output - 100mA max on connector.

PROTECTIONS

- Against input overvoltages from mains (according to EN61547) up to 2KV N-L, 4KV N-GND e 4KV L-GND.
- Against short circuit and open circuit.
- Thermal and overload protection (C.5.a from EN 61347-1).

EMI

- According to EN55015.

ENTE EMITTENTE: DT Compilato _____ Visto _____

AMBIENTE

- Temp. ambiente: -25...40°C/45°C.
- tc = 80°C.
- tc life 50000H = 75°C.

SICUREZZA

- Hi-pot test: 3.75 kV, 100% per 2 sec.

NORMATIVE

- EN 61347-1 ; EN 61347-2-13 ; EN 61547 ; EN 55015 ; EN 61000-3-2 ; EN62384
DIN VDE 0710 teil 14; EN60598-2-22 ;
UL8750 (UL1310) pending
- KEMA KEUR / ENEC05 / UL pending.

DIMENSIONI

- L=129mm / B=76 mm / H=30 mm.

AMBIENT

- Ambient temp.: -25....40°C/45°C.
- tc = 80°C.
- tc life 50000H = 75°C.

SAFETY

- Hi-pot test: 3.75 kV, 100% for 2 sec.

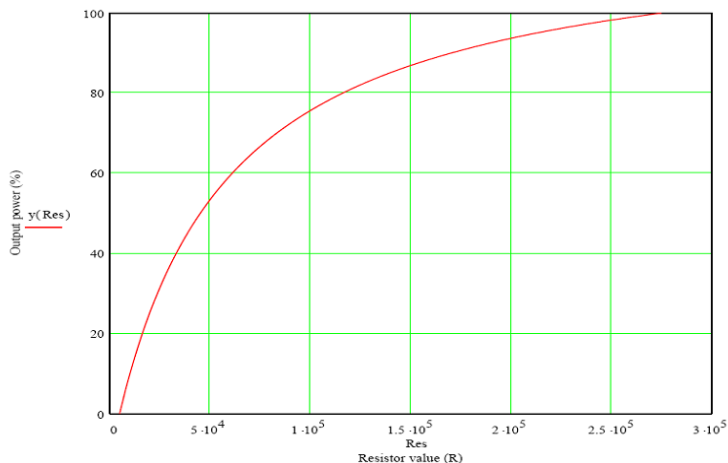
STANDARDS

- EN 61347-1 ; EN 61347-2-13 ; EN 61547 ; EN 55015 ; EN 61000-3-2 ; EN62384
DIN VDE 0710 teil 14. EN60598-2-22 ;
UL8750 (UL1310) pending
- KEMA KEUR / ENEC05 / UL pending.

DIMENSIONS

- L=129mm / B=76 mm / H=30 mm.

Output power vs Iset resistor



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