

### INGRESSO

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

### USCITA

- Isolamento SELV.
- Morsetteria 1 x 0,5...2.5 mm<sup>2</sup> 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 mm<sup>2</sup>.
- Max Input Current: 0,6A.
- Power factor:  
 $\lambda > 0.95 @ 110/127 \text{ Vac, Pout} > 10\text{W}$   
 $\lambda > 0.90 @ 220/240 \text{ Vac, Pout} > 30\text{W}$
- 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 mm<sup>2</sup>.
- 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)  
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- Max output power and current precision 110/127VAC:  
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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.

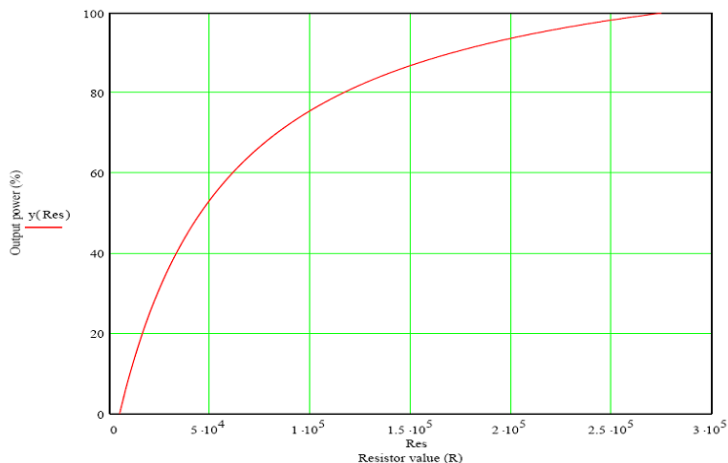
**STANDARDS**

- 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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