

### INGRESSO

- Nominale: 110/240 Vac  $-10/+10\%$  50/60Hz.  
170-280Vdc  $I_{max}=0,37A$ .
- Morsettiera 1 x 0,2...1.5 mm<sup>2</sup>.
- Corrente massima: 0,45A.
- Fattore di potenza  $\lambda$ : 0.98 @ Pout >27W
- Armoniche corrente assorbita: secondo EN 61000-3-2.
- Inrush current: 10A 200uS.
- Protezione contro sovratensione: 320Vac – 2h

### USCITA

- Isolamento SELV.
- Morsettiera 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  
45W @ 1050mA  $\pm 6\%$  (2...44V)  
52W @ 1200mA  $\pm 5\%$  (2...44V)  
55W @ 1400mA  $\pm 5\%$  (2...39V)
- Potenza massima e precisione di corrente  
110/127VAC  
40W @ 1050mA  $\pm 6\%$  (2...40V)  
40W @ 1200mA  $\pm 5\%$  (2...33V)  
40W @ 1400mA  $\pm 5\%$  (2...29V)
- Tensione in uscita massima: 55 VDC.
- Efficienza massimo carico: 90%. DIM 50%: 87%.

- Uscita ausiliaria isolata 12V - 100mA max su connettore

### PROTEZIONI

- All'ingresso, contro sovratensioni impulsive di rete ( secondo EN 61547) fino a 3,5KV 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.  
170-280Vdc  $I_{max}=0,37A$ .
- Terminal block for up to 1 x 0,2...1.5 mm<sup>2</sup>.
- Max Input Current: 0,45A.
- Power factor  $\lambda$ : 0.98 @ Pout >27W.
- Harmonic content of mains current: according to EN 61000-3-2.
- Inrush current: 10A 200uS.
- Overvoltage protection: 320Vac – 2h

### 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.  
45W @ 1050mA  $\pm 6\%$  (2...44V)  
52W @ 1200mA  $\pm 5\%$  (2...44V)  
55W @ 1400mA  $\pm 5\%$  (2...39V)
- Max output power and current precision  
110/127VAC.  
40W @ 1050mA  $\pm 6\%$  (2...40V)  
40W @ 1200mA  $\pm 5\%$  (2...33V)  
40W @ 1400mA  $\pm 5\%$  (2...29V)
- Max. Output voltage: 55 VDC.
- Efficiency @full load: 90%. DIM 50% =87%.

- 12V isolated auxiliary output - 100mA max on connector.

### PROTECTIONS

- Against input overvoltages from mains ( according to EN61547) up to 3,5KV N-L , 4KV N-GND e 4KV L-GND.
- Against short circuit and open circuit.
- Thermal and overload protection (C.5.a EN 61347-1).

### EMI

- According to EN55015.

**AMBIENTE**

- Temp. ambiente: -25...50°C.
- tc = 85 °C.
- tc life 50000H = 80°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)
- KEMA KEUR / ENEC05 / UL

**DIMENSIONI**

- L=110mm / B=76 mm / H = 30 mm.

**AMBIENT**

- Ambient temp.: -25....50 °C.
- tc = 85 °C.
- tc life 50000H = 80°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)
- KEMA KEUR / ENEC05 / UL.

**DIMENSIONS**

- L=110mm / B=76 mm / H = 30 mm.

**TCI MP 55 1400 BI**  
 Via Parma 14, 21047 Saronno (VA)  
**MADE IN ITALY** AC/DC P/S for LED  
 cod. 122208/14

PRI: 110\*-120\*-127 V 50/60 Hz; I<sub>max</sub>=0,45 A λ=0,98  
 220-240 V 50/60 Hz; I<sub>max</sub>=0,29 A; λ(P>27W)= 0,98  
 SEC: 55W max; 1050/1200/1400  
 (V<sub>omax</sub>=55Vdc); 48V acc. to the switches selection  
 V<sub>aux</sub> = 12V / 100mA max  
 ta= -25...+50°C ; tc=85°C  
 Thermal protection; short circuit protection

176-280Vdc range x emerg. appl.; I<sub>max</sub>=0,37A

110..127V	220..240V	ta max	SEC	6	5	4	3	2	1
40 W	45 W	50 °C	1050 mA	-	-	-	-	-	-
40 W	52 W	50 °C	1200 mA	ON	-	-	-	-	-
40 W	55 W	50 °C	1400 mA	ON	ON	-	-	-	-

**Before use, always check S50 dipswitch settings**

SEC -  
 SEC +  
 12V<sub>aux</sub>  
 S.GND  
 SELV  
 S50  
 ON  
 SEC -  
 SEC +

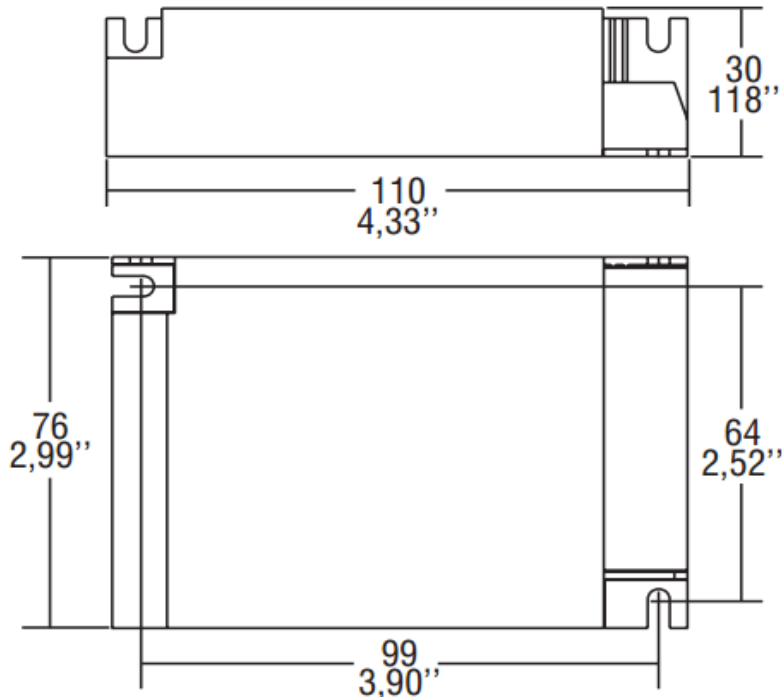
EL  
 SEC wire prep. 0,5 - 2,5 □  
 26-14 AWG  
 6 - 7mm

PRI  
 insulated wire prep. 0,5 - 1,5 □  
 20-18 AWG  
 8 - 9mm  
 PATENTED  
 IT0001396411  
 PRI  
 N  
 L

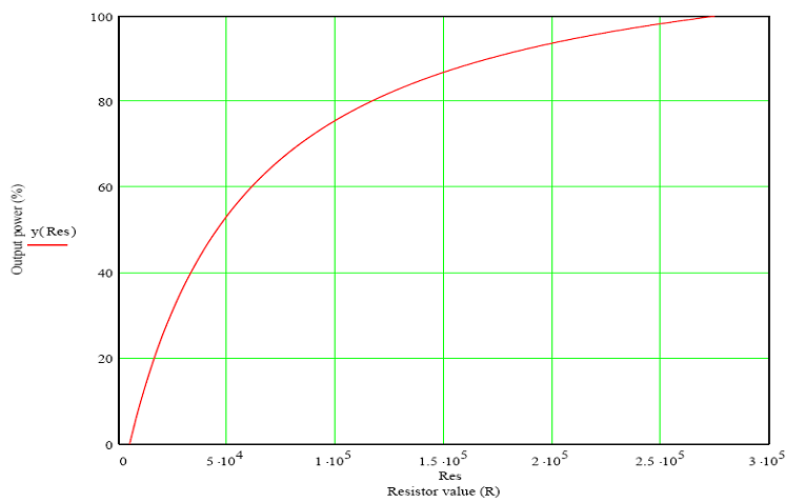
tc  
 17mm  
 M M 110  
 70mm

05 KEMA KEUR C RU\* US

ENTE EMITTENTE: DT Compilato \_\_\_\_\_ Visto \_\_\_\_\_



*Output power vs Iset resistor*



ENTE EMITTENTE: \_\_\_\_\_ Compilato: \_\_\_\_\_ Visto: \_\_\_\_\_