

INGRESSO

- Nominale: 110/240 Vac $-10/+10\%$ 50/60Hz.
170-280Vdc $I_{max}=0,37A$.
- Morsettiera 1 x 0,2...1.5 mm².
- Corrente massima: 0,45A.
- Fattore di potenza λ : 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 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
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 mm².
- Max Input Current: 0,45A.
- Power factor λ : 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 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.
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.



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_{max}=0,45 A λ=0,98
220-240 V 50/60 Hz; I_{max}=0,29 A; λ(P>27W)= 0,98

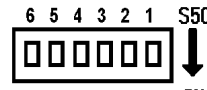
SEC: 55W max;1050/1200/1400
(V_{omax}=55Vdc);48V acc. to the switches selection

V_{aux} = 12V / 100mA max
ta= -25...+50°C ; tc=85°C
Thermal protection; short circuit protection

176-280Vdc range x emerg. appl.; I_{max}=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

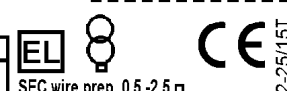


6 5 4 3 2 1 S50
ON

SEC -
SEC +
12V_{aux}

S.GND

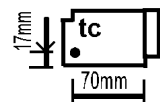
SELV




EL

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

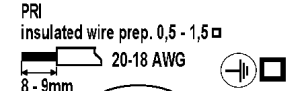
CE 02-25/15T



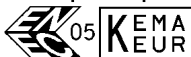


tc
17mm
70mm



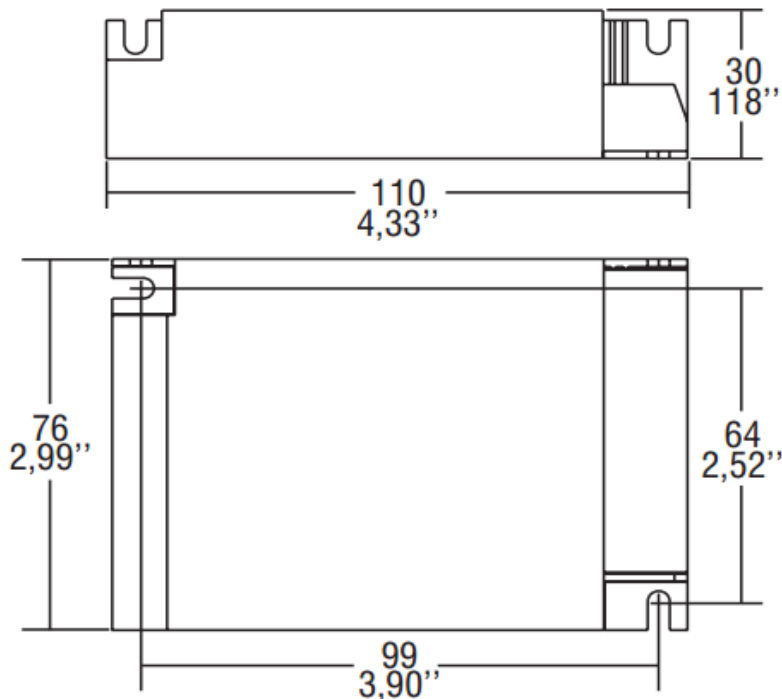
M M 110



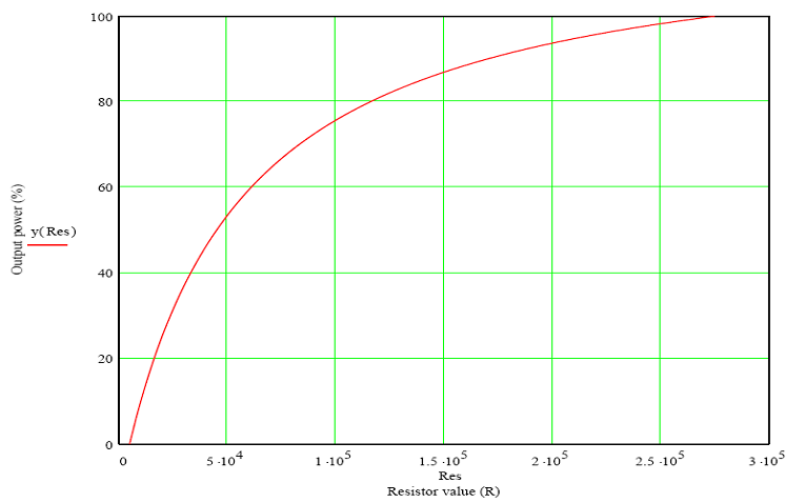
PRI insulated wire prep. 0,5 - 1,5 □
20-18 AWG
8 - 9mm

ENTE EMITTENTE: DT Compilato _____ Visto _____



Output power vs Iset resistor



ENTE EMITTENTE: _____ Compilato: _____ Visto: _____