



Ozone & Cold Cathode Lighting

**DATA SHEET neon convertor Type MIDI ECG 900-100**

- o Available in the following versions: *Standard, Remote control, Remote dimmer (0-10v Standard)*
- o Compliant with standard EN 61347-2-10 for the **L.V. Directive**
- o Compliant with standard EN 61000-3-2, EN 55015 3<sup>rd</sup> ed., EN 61547 for the **EMC Directive**
- o **Type B** converter in accordance with EN 61347-2-10 (protection against secondary ground fault leakage is required)
- o 230v. input, with Italian or Schuko plug and a 1,5m cable.
- o Output with 1m cable type **K** (as per EN 50143). Insulation in polyethylene and PVC. External diameter 4,5mm. Section 1mm<sup>2</sup>

Electrical data:

Input : Voltage Volt 200 - 250  
 Current Ampere 0,25 (at 230v)  
 Frequency Hertz 50/60  
 Power Watt 50  
 Power factor λ > 0.98

Input control : Remote dimmer 0 volt=minimum light: 5% 10 volt=maximum light  
 (without any connections on remote wire the light is maximum)

Output: Voltage Volt 499 – E – 499 V rms  
 Nominal load current mA 85  
 Short circuit current mA 100  
 Frequency Hertz 19.000  
 (19.0000....80.000 for Remote Dimmer)

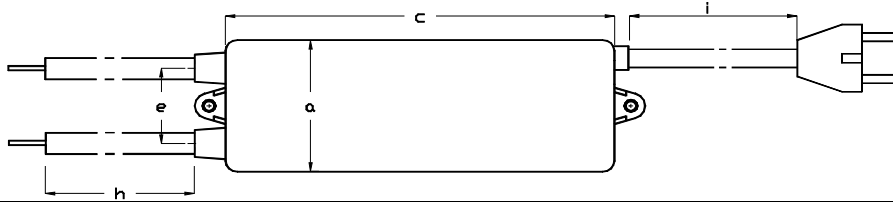
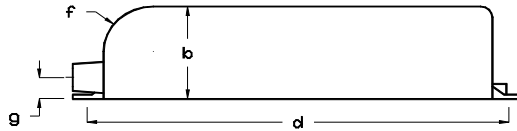
Performances:

- These power supplies are not compatible with any type of in-line flashers or dimmers.
- For dimming and flashing applications, remote dimmer or remote control converter model must be used.
- Suitable both for lamps loaded with argon + mercury gas as well as with 100% neon gas (lack of "bubble" effect and of mercury migration)
- Supplied with **open circuit protection and ground fault protection**
- Maximum ambient temperature 40 c°

Loading: maximum one lamp.

Lenght: as per the here below mentioned chart.

	d.15mm	d.18mm	d.20mm	d.25mm
Argon	mt. 1,6	mt. 1,9	mt. 2,0	mt. 2,3



	a	b	c	d	e	f	g	h	i	weight
MIDI	48	35	150	162	25	14	6	1000	1500	650 g

All dimensions are in mm.

### **INSTALLATION GUIDELINE**

- For high voltage connections use the cable connected to the transformer with no further additions.
- Keep the high voltage cables far from one another
- The lamps shall always be installed upon isolating supports: never lay the full length of the lamps upon any surface (including wood or chalk)
- Long life and reliability of the converter is assured by connecting in each installation one or more **SurgeDefenders** in the vicinity of the electric panel
- The material of the supports of the lamps must be always insulating (EN 50107)
- To comply with the *electromagnetic compatibility* directive ( EMC), from the output of the converter to the feeding supply, **avoid placing the feeding cable near the neon lamps and/or the high voltage cables.**

### **Ozonelux : Warranty conditions**

Warranty by Ozonelux srl is limited to faults arising from the components and from the manufacturing process.

Faults caused by external sources such as surge condition, improper use of the device and similar not complying with what depicted within the instruction for use provided by Ozonelux srl, are not covered by warranty.

Ozonelux srl provides a two year warranty: this two year guarantee period is from the manufacturing date mentioned on the converter.

The faulty unit shall be returned to Ozonelux carriage paid.

The liability of Ozonelux srl is limited to the sale price of the unit which is found faulty after the control by Ozonelux srl.

Design **Electronica per luce**

**TECNOLUX**  
GROUP