

## DATA SHEET neon convertor Type MINIPLUS 900-100 k

- Compliant with standard EN 61347-2-10 for the **L.V. Directive**
- Compliant with standard EN 61000-3-2, EN 55015 3<sup>rd</sup> ed., EN 61547 for the **EMC Directive**
- **Type B** converter in accordance with EN 61347-2-10 (protection against secondary ground fault leakage is required)
- 230v. input, 1,5 m cable.
- Output with 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 230
	Current	Ampere 0,2 maximum
	Frequency	Hertz 50/60
	Power	Watt 40
	Power factor	$\lambda > 0.95$

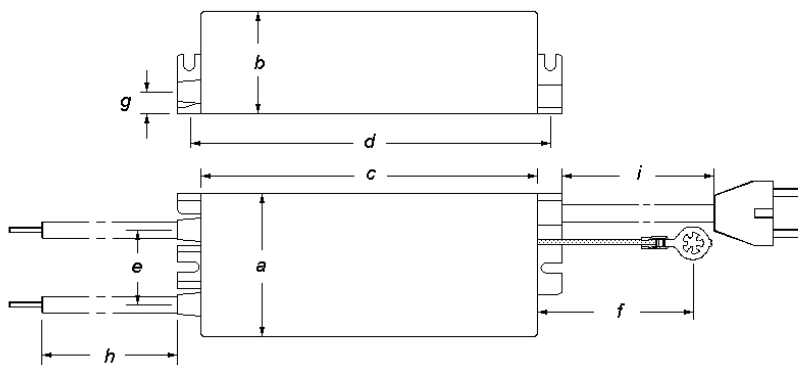
Output:	Voltage	Volt 499 – E – 499 V rms maximum
	Nominal load current	mA 80
	Short circuit current	mA 100
	Frequency	Hertz 24.500

### Performances:

- In compliance with *Flashers (0.5sec. delay at switching on)*
- Not compliant with *Dimmers*
- 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, ground fault protection and protection against overloading**
- Maximum ambient temperature 50 c°
- They can be installed directly upon metal surfaces.

### Indicative chart of maximum loading for electronic converters

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

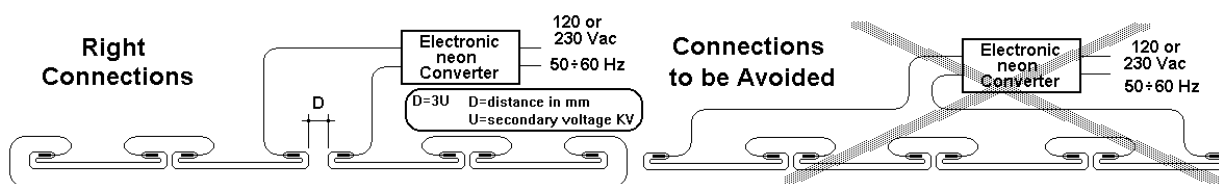


	a	b	c	d	e	f	g	h	i	weight
MINI-PLUS	54	34	113	124	25	60	6	1500	950	620 g

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 price list)** 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