

Powers supply for cold cathode lamps.

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**DATA SHEET neon convertor Type MIDI 900-180 ND**

- Compliant with EN 61347-2-10 for **LVT Directive**
- Compliant with EN 60555-2 EN 60555-3 EN 55015 3°ed EN 61547 for **EMC Directive**
- 230v. input, with a 1,5m cable.
- Output with 1,5m cable type **K**.

Electrical data:

Input :	Tension	Volt 230 ac
	Current	Ampere 0,40 max
	Frequency	Hertz 50/60
	Power	Watt 90
	Cos φ	1.
	Power factor	λ 0.95

Output:	Tension	Volt 499v. – 0 – 499v.
	Nominal load current	mA 180
	Short circuit current	mA 205
	Frequency	Hertz 24.500

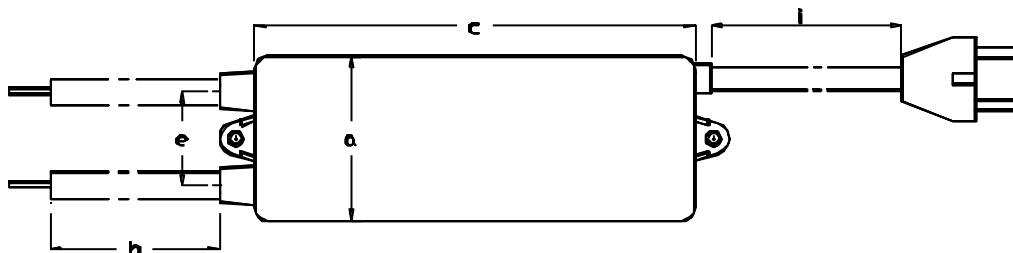
Performances:

- In compliance with external *Flashers (electronic or mechanical)*
- **Not compliance with external Dimmers over phase angle.**
- 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***
- IP 65

Loading: maximum one lamp.

Length: as per the here below mentioned chart.

	d.15mm	d.18mm	d.20mm	d.25mm
Argon	mt. 1,7	mt. 1,9	mt. 2,1	mt. 2,3

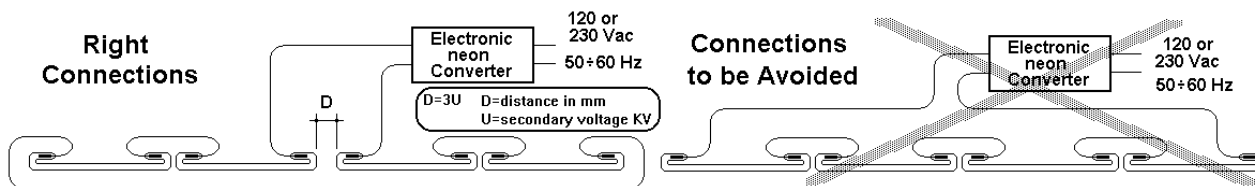


	a	b	c	d	e	f	g	h	i	peso
MIDI	48	35	150	162	25	14	6	1500	1500	650 g

All dimensions are in mm.

### INSTALLATION GUIDELINE

- 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.**



### E.L. Elettronica Per Luce: Warranty conditions

Warranty by Elettronica per Luce 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 Elettronica per Luce srl, are not covered by warranty.

Elettronica per Luce 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 Elettronica per Luce carriage paid.

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

designed by **Elettronica per luce** s.r.l.

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