

Electronica per luce s.r.l.

Power supplies for cold cathode lamps.

DATA SHEET neon convertor **Type 3025**

- Compliant with standard EN 61347-2-10 for the **L.V. Directive**
- **Type A** convertor in accordance with EN 61347-2-10 (*this typology do not requires Ground Fault Protection*).
- Compliant with standard EN 61000-3-2 (EMC Directive)
- Not compliant with standard EN 55015 3rd ed., EN 61547 (EMC Directive)
- 230v. input, with two cables 20cm. AWG24 UL 600v. 105°C
- Output with 20cm Silicon cable diam. 3mm
- Without CE mark.
- Made in China.

Electrical data:

Input : Voltage Volt 230
 Current Ampere 0,1 maximum
 Frequency Hertz 50/60
 Power Watt 25 maximum
 Power factor > 0.99

Output: Voltage Volt 3.000 rms maximum
 Nominal load current mA 20
 Short circuit current mA 25
 Frequency Hertz 50.000

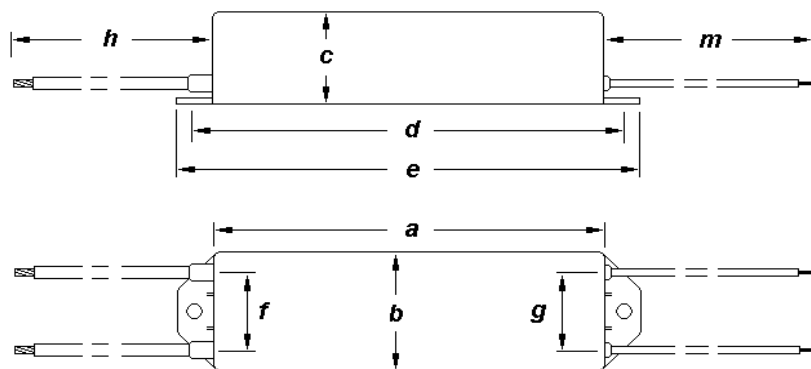
Performances:

- Compatible with *Flashers*
- Compatible with *Line Dimmers (Both Leading-edge or Trailing-edge typology)*.
- Suitable for lamps loaded with Argon + Mercury Gas (*No Mercury Migration but "bubble" effect with 100% neon Gas*).
- Withstands permanent *open circuit or short circuit* condition at output terminals.
- Maximum ambient temperature 40 C°

Indicative chart of maximum loading for electronic converters

For every electrode couple 50cm must be calculated.

| | d.8mm | d.10mm | d.12mm | d.15mm | d.18mm | d.20mm |
|-------|--------|--------|--------|--------|--------|--------|
| Argon | m. 3,5 | m. 3,9 | m. 4,2 | m. 4,5 | m. 4,8 | m.5,0 |



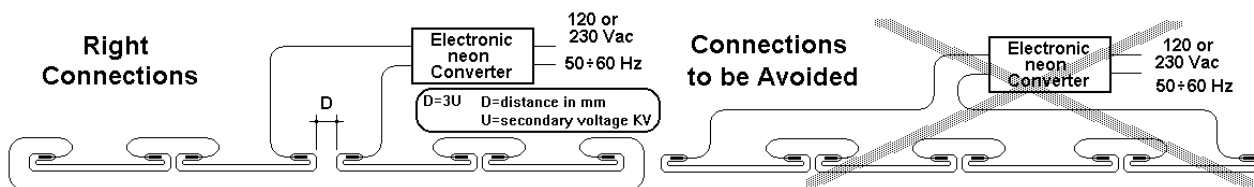
| | a | b | c | d | e | f | g | h | i | weight |
|--|---|---|---|---|---|---|---|---|---|--------|
|--|---|---|---|---|---|---|---|---|---|--------|

| | | | | | | | | | | |
|-----------|----|----|----|----|-----|----|----|-----|-----|-------|
| Dimension | 84 | 30 | 23 | 94 | 100 | 20 | 20 | 200 | 200 | 120 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)



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.

For this type of converter Elettronica per Luce srl provides a ONE year warranty: This one 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.

Elettronica per luce s.r.l.

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GROUP