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| Neon Sign Transformer |
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| Neon Signs play an important role when it comes to giving aesthetic look to an object, shop or place. But, all these neon signs require **Neon Sign Transformer**. These transformers are used to convert mains voltages to those suitable for powering neon signs. They are also known as *Luminous Tube Transformers* or *Gaseous Tube Transformers.* |
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| **Neon Sign Transformers** come in different shapes and sizes. They are distinguished by being current limited centre grounded. Center grounded means that the center of the transformers output winding is electrically connected to ground. There are different output voltages including:  2,000V,  4,000V,  5,000V,  6,000V,  7,500V,  9,000V,  12,000V and 15,000V |
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| Output currents are between 30mA and 60mA, 30mA being the most common. |
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| The theory of these **Neon Sign Transformers** is quite easy to understand. In simple language, we require either more voltage or more current. By varying these two quantities, we can increase or decrease the intensity of our Neon Signs. So let’s look at the voltage. By increasing the primary voltage in the primary coil of the transformer, the secondary voltage increases in proportion. That will increase the intensity of the neon light. Hence, we can get the desired illumination with the help of Neon Sign Transformers. |
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| **Neon Sign Transformers** are used whereverNeon Signs can be used in the following areas:   * *Advertising Boards* * Public events * Publicity * Mode of Transports * Interiors * Theatres and Auditoriums * Hotels |
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| Neon Signs add fun and excitement to any business or home. They always help display some of the hottest choice spots in your neighborhood area. And these cannot be done without **Neon Sign Transformers**. Just imagine controlling the intensity and illumination of the neon lights according to your choice. It elevates the mood effects and also improves the natural light effects more efficiently. |
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| Nowadays, efforts are being made to change 2 winding transformer to 3 winding transformer. Assume a transformer with 3 windings: the 110V or 220V primary, the HV secondary, and another 110V/220V tertiary. Also assume that the insulation of the transformer is such that the two 110V/220V windings can take the full secondary voltage. If this is the case, then you can feed a second transformer from the first, essentially using the first transformer as an isolation transformer. The primary of the second is fed from the tertiary of the first. The biggest advantage of using this kind of technology is that such Neon Sign Transformers are suitable for high power systems. |
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| Hence, **Neon Sign Transformers** are a backbone to the Neon Sign industry. They give beauty and illumination a new dimension all together. |