

|                                       |  |
|---------------------------------------|--|
| <u>Type</u>                           | Electronic transformer for neon tubes according to VDE 0712.<br><br>Suitable for indoor and outdoor systems. Limited suitability for flash operation.                            |
| <u>Weight</u>                         | 0.280 kg   |
| <u>Radio interference suppression</u> | According to VDE 0875, Part 2A1 (EN 55015)   |
| <u>Temperatures</u>                   | Ambient temperature range: -25 to +65°C<br>Temperature limit: +80°C<br>(max. ambient temp. that the EVG is able to withstand for a short period of time without being destroyed) |
| <u>Housing</u>                        | Hard PVC shell<br>Fire protection class B1<br>Standard colour: white<br>Sealing compound: polyurethane (black)   |
| <u>Class of protection</u>            | I  |
| <u>Degree of protection</u>           | IP 67  |



|                            |  |
|----------------------------|--|
| <b>Primary Data</b>        |  |
| <u>Mains voltage</u>       | 230 V, +/- 10 %, 50 / 60 Hz  |
| <u>Current consumption</u> | Depends on the connected tube load;<br>max. 0.20 A<br>cos phi 0.95 |

|                             |   |
|-----------------------------|---|
| <b>Protective Equipment</b> |   |
| <u>Safety fuse</u>          | Integrated 1 A melting fuse offering protection against internal short circuits |

**Caution:**  
The installation instructions must be observed when using the transformer!

### Secondary Data

990 V with 20 mA constant current, symmetrical alternating current, load-dependent operating frequency, 16 - 20 kHz.

Secondary current tolerance:  
+/- 10 % (of rated value)

Suitable for blue discharge tubes. Only partly suitable for red discharge tubes due to an occasional jelly bean effect.

Type "R" (Order no. 1 2010 276) prevents any jelly beaming and is suitable for red discharge tubes only.


### Connectable tube lengths (in metres):

| Blue discharge (outdoor) |     |     |     |     |     |     |
|--------------------------|-----|-----|-----|-----|-----|-----|
| Diameter                 | 10  | 12  | 15  | 18  | 20  | 22  |
| 1 Syst.                  | 0.9 | 1.1 | 1.4 | 1.7 | 1.8 | 2.0 |
| 2 Syst.                  | 0.5 | 0.6 | 0.8 | 0.9 | 1.0 | 1.1 |

| Blue discharge (indoor) |     |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|-----|
| Diameter                | 10  | 12  | 15  | 18  | 20  | 22  |
| 1 Syst.                 | 1.2 | 1.5 | 1.8 | 2.1 | 2.3 | 2.5 |
| 2 Syst.                 | 0.8 | 1.0 | 1.2 | 1.4 | 1.5 | 1.6 |

The values given represent the maximum connectable tube lengths which must not be exceeded. Shorter tube lengths, however, may be connected without any restrictions. The tube lengths are calculated on the basis of the 'Filling Pressure Recommendations for Fluorescent Tubes' published by the German *Fachverband Lichtwerbung*.

Housing dimensions



1


160x29x25 mm

Housing colour: white  
All dimensions in millimetres

Order no. 1 2010 266 [EVG 20/1 SL]  
Order no. 1 2010 276 [EVG 20/1 SLR]

Mains cable:  
H03VV-F, 3x0.75

High voltage cable:  
PVC  
4.0 mm (diameter)



Fixing centres  
150

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