

Type Electronic transformer for neon tubes according to VDE 0712.
Suitable for indoor and outdoor systems. Limited suitability for flash operation.

Weight 0.370 kg

Radio interference suppression According to VDE 0875, Part 2A1 (EN 55015)

Temperatures Ambient temperature range: -25 to +65°C
Temperature limit: +80°C
(max. ambient temp. that the EVG is able to withstand for a short period of time without being destroyed)

Housing Polystyrene shell
Standard colour: white
Sealing compound: polyurethane (black)

Class of protection I

Degree of protection IP 67

Primary Data

Mains voltage 230 V, +/- 10 %, 50 / 60 Hz

Current consumption Depends on the connected tube load;
max. 0.35 A
cos phi 0.95

Protective Equipment

Safety fuse Integrated 1 A melting fuse offering protection against internal short circuits

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

Housing dimensions



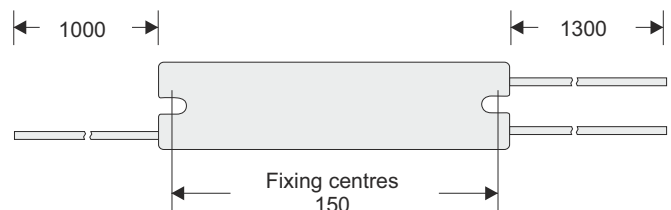
160x40x35 mm

Housing colour: white
All dimensions in millimetres

Order no. 1 5010 200

Mains cable:
H03VV-F, 3x0.75

High voltage cable:
PVC
4.0 mm (diameter)



Secondary Data

990 V with 50 mA constant current, symmetrical alternating current, load-dependent operating frequency, 16 - 20 kHz, earthed secondary winding.

Secondary current tolerance:
-5/+10 % (of rated value)

Suitable for blue discharge tubes.

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

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*.