

# **EVG 20/1SL**

Type Electronic transformer for neon tubes

according to VDE 0712.

Suitable for indoor and outdoor systems.

Limited suitability for flash operation.

Weight 0.280 kg

Radio

interference According to

VDE 0875, Part 2A1 (EN 55015) suppression

Ambient temperature range: -25 to +55°C **Temperatures** 

Temperature limit: +70°C

(max. ambient temp. that the EVG is able to withstand for a short period of time without being destroyed)

Housing Hard PVC shell

Fire protection class B1 Standard colour: white

Sealing compound: polyurethane (black)

Class of protection

IP 67 Degree of protection

Primary Data

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

Current consumption Depends on the connected tube load;

> max. 0.20 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!

### **Secondary Data**

990 V with 20 mA constant current, symmetrical alternating current, loaddependent 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.

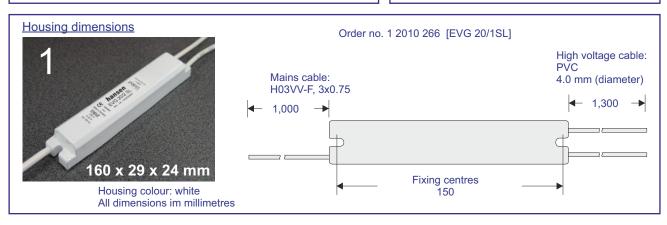
Type "R" (Order no. 1 2010 276) prevents any jelly beaning and is suitable for red discharge tubes only.

## Connectable tube lengths (in metres):

Blue discharge (outdoor)										
Dlameter	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				
/	510	0.10	0.10	017						

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.	8.0	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.



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