Technical Data Sheet



EVG 40/1 SL

<u>Type</u>	Electronic transformer for neon tubes according to VDE 0712.
	Suitable for indoor and outdoor systems. Limited suitability for flash operation.
<u>Weight</u>	0.280 kg
Radio interference suppression	According to VDE 0875, Part 2A1 (EN 55015)
<u>Temperatures</u>	Ambient temperature range: -25 to +55°C 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 protec	tion I
Degree of prote	ection IP 67

Primary Data

Mains voltage

Current consumption

230 V, +/- 10 %, 50 / 60 Hz Depends on the connected tube load; max. 0.2 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 40 mA constant current, symmetrical alternating current, loaddependent operating frequency, 45 kHz.

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

Suitable for blue discharge tubes.

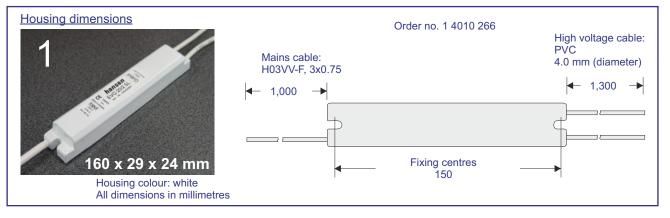
Only partly suitable for red discharge tubes due to an occasional jelly bean effect.

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 dlscharge (Indoor)									
Dlameter	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.



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