

EVG 20/2SL EVG 20/2SLR

Electronic transformer for high-voltage Type

luminous discharge tubes according to

EN 50107.

Suitable for indoor and outdoor systems. Limited suitability for flash operation.

Weight 0.280 kg

Radio

According to <u>interference</u>

VDE 0875, Part 2A1 (EN 55015) suppression

Temperatures 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)

Hard PVC shell Housing

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. 0.25 A cos phi 0.95

Protective Equipment

Integrated 1 A melting fuse offering Safety fuse

protection against internal short circuits

(acc. to EN 50107) integrated in the Earth leakage trip

transformer

(acc. to EN 50107) integrated in the Open circuit protection

transformer

Caution:

The installation instructions must be observed when using the transformer!

Secondary Data

2,000 V with 20 mA constant current, symmetrical alternating current, loaddependent operating frequency, 16 - 20 kHz, earthed secondary winding.

Internal high-voltage shutdown under fault conditions (e.g. in case of tube breakage).

20/2:

Suitable for blue discharge tubes.

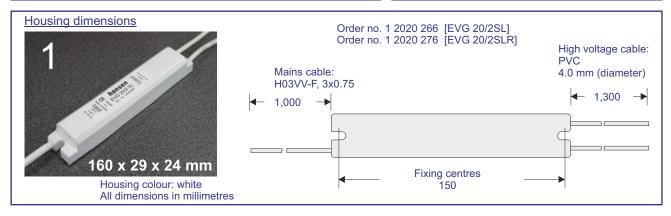
Only partly suitable for red discharge tubes due to an occasional jelly bean effect. 20/2R (red discharge):

No jelly beaning, suitable for red discharge tubes only.

Connectable tube lengths (in metres):

	Blue	discha	rge (ou	ıtdoor)		
Diameter	10	12	15	18	20	22
1 Syst.	2.3	2.8	3.5	4.1	4.4	4.8
2 Syst.	1.9	2.3	2.9	3.4	3.6	4.0
3 Syst.	1.5	1.8	2.2	2.6	2.8	3.1
4 Syst.	1.0	1.3	1.6	1.9	2.1	2.2
5 Syst.	0.6	0.8	1.0	1.2	1.3	1.4
	Blue	discho	arge (in	door)		
Dlameter	10	12	15	18	20	22
1 Syst.	2.8	3.5	4.2	5.0	5.3	5.8
2 Syst.	2.4	3.0	3.6	4.3	4.6	5.0
3 Syst.	2.0	2.5	3.0	3.5	3.8	4.1
4 Syst.	1.6	2.0	2.4	2.8	3.0	3.3
5 Syst.	1.2	1.5	1.8	2.1	2.3	2.5
		Red di	scharg	е		
Dlameter	10	12	15	18	20	22
1 Syst.	1.5	1.8	2.2	2.7	2.9	3.0
2 Syst.	1.2	1.5	1.8	2.2	2.4	2.5
3 Syst.	0.9	1.1	1.4	1.7	1.8	2.0
4 Syst.	0.7	0.8	1.0	1.2	1.3	1.4
5 Syst.	0.4	0.5	0.6	0.8	0.8	0.9

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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