

Technical data

CODE:

1830620

PRODUCT:ELECTRONIC TRANSFORMER HANSEN *EVG 60/2***NOTE:**

TECHNICAL DATA

IMAGE:**LAST UPDATE:**

10/2021

ELECTRONIC TRANSFORMER EVG 60/2

Type:

Electronic transformer for high-voltage luminous discharge tubes according to EN 50107.

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

Weight: 0,75 kg

Radio interference suppression:

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

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)

Housing:

Polystyrene shell

Standard colour: white

Sealing compound: polyurethane (black)

Class of protection: I

Degree of protection: IP67

PROTECTIVE EQUIPMENT

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

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

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

CAUTION:

THE INSTALLATION INSTRUCTIONS MUST BE OBSERVED WHEN USING THE TRANSFORMER!

Housing dimensions



Housing colour: white
Dimensions: 160 x 53 x 34 mm
Packaging case: 6

PRIMARY DATA

Mains voltage: 230 V, ± 10%, 50/60 Hz

Current consumption: Depends on the connected tube load; max. 0,60 A; cos phi 0,95

SECONDARY DATA

2000 V with 60 mA constant current, symmetrical alternating current, load-depend 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 meters):

Blue discharge (outdoor)						
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.	1,85	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 discharge (indoor)						
Diameter	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

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*.

Order no. 1830620 [EVG 60/2]

Mains cable:
H03VV-F, 3x0.75

High voltage cable:
NYL, yellow
7.0 mm (diameter)



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