

Technical Specifications

Electronic 105W/ Transformer for 12V Halogen Lamps

ELECTRONIC TRANSFORMER 105W

Independent plastic case
Suitable for luminaries safety class II
Degree of protection IP 20
Suitable for installation in furniture
SELV equivalent
Fixing screws M4
Screw-terminals 1,5mm²

AC operation

AC 220-240V+/-10%, 50..60Hz
Output for use of 12V Halogen lamps
High efficiency >94%

Features

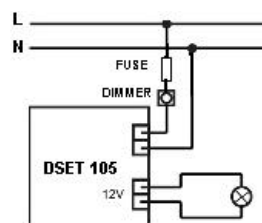
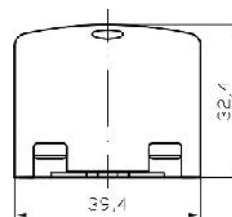
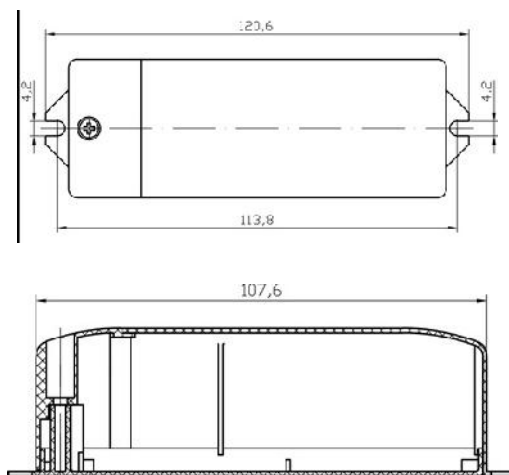
Large power range 20...105W
Low output voltage change
Soft start for long lamp lifetime
Protection against: "no load operation" and short circuit
Electronically controlled overload and temperature protection
Dimming: optional with phase-cutting leading edge or phase-cutting trailing edge dimmer

Standards

EN 61347; EN 61047; EN 61000-3-2; EN 55015; EN 61547

EMC requirements

RFI conform up to 300MHz
Power factor >0,98, low harmonics
Immunity according standard
Lifetime: 50 000 h (90% survival)
Protection class: II



TRANSFORMER 220V - 240V,

<u>TYPE</u>	<u>LAMP POWER</u>	<u>Voltage</u> <u>AC 50-60HZ</u> <u>(V+/-10%,)</u>	<u>AC</u> <u>VOLTAGE</u> <u>RANGE (V)</u>	<u>AC</u> <u>MAINS</u> <u>CURRENT</u> <u>(A)</u>	<u>λ</u>	<u>Output</u> <u>voltage</u> <u>(v)</u>	<u>Ambient</u> <u>temp.</u> <u>ta°C</u>	<u>Tc point</u> <u>max</u> <u>(°C)</u>	<u>WEIGHT</u> <u>(g)</u>
SET105	20-105 W	220-240	198-264	0,1-0,42	>0,98	10-12	-10/+45	85	90