

Features

- Low weight
- High efficiency (95%)
- Safe no-load operation
- Overload & short circuit protection with self resetting
- Dimmable
- Thermally stable and shatter-proof plastic casings
- Long converter life = 50,000 hours
- Compact design
- Simple installation

Technical Data

	MINI60 MINI/P60 X60	MINI105 MINI/P105 X105
Rated input voltage	230-240V~	
Main frequency	50-60Hz	
Load range	20W-60W	35W-105W
Rated output voltage	11.5V	11.5V
Efficiency	95%	
Ambient temperature ta	0°C-50°C	
Max. permitted casing temp. tc	80°C	
Dimming	Phase-cutting leading and trailing edge dimmers	

Mechanical Installation

- Mounting position: any
- Clearance: at least 0.1m from walls, ceilings and insulation materials; at least 0.1m from any other electronic transformers; at least 0.20m from sources of heat(lamp)
- Support: firm; transformers must be prevented from sinking into insulation materials
- Mounting location: ambient temperatures must be observed in dry rooms
- Fixing method: 4-mm ϕ screws
- Heat transmission: a sufficient degree of heat transmission must be ensured between the transformer and the lamp casing if the transformer is integrated into the lamp

Electrical Installation

- Primary conductor cross-section: at least 1.0mm²
- Secondary conductor cross-section: at least 0.75 mm² for 60W lamps; at least 1.00 mm² for 100W lamps
- Connections: terminal screws with a clamping area of up to 3.5mm²
- Secondary cable length: at least 0.20m (clearance from lamp); at most 2.00m (radio disturbance immunity)

Connecting Transformer

Can be connected in parallel on primary side but not on secondary side

Caution

- Avoid high temperature, make sure there is adequate space to avoid build-up of heat
- Transformers must be installed by a qualified electrician

Standards

- Safety: EN 61347.2.2:2012
- EMC: EN 55015:2013:A1