

HTM 105/230...240

HALOTRONIC-COMPACT | Electronic transformers for low-voltage halogen lamps



- Effect and accent lighting
- Living rooms
- Object lighting
- Conference rooms
- Restaurants
- Recessed and surface-mounted furniture fixtures
- Shop lighting
- Event rooms

Product benefits

- Dimmable on the leading edge and trailing edge
- Very low power loss thanks to high efficiency
- Strain relief suitable for different cable types (HTM)
- Suitable for space-critical installation thanks to compact functional design
- Extremely compact transformer for highly space-critical installation conditions (HTN)
- Protective operation throughout the entire partial-load range for long lamp life

Product features

- Line frequency: 50...60 Hz
- RI suppression: to EN 55015 (A1: 2007)/CISPR 15, EN 55022
- Line harmonics: to EN 61000-3-2
- Immunity: to EN 61547
- Safety: to EN 61347
- Electrical isolation between the primary side and the secondary side
- Short-circuit protection, overload protection, overtemperature protection: electronically reversible
- Switching between electronic transformer and lamp not permitted

Technical data

Electrical data

Line current	0.41 A ¹⁾
Mains frequency	50...60 Hz
Output voltage	11.3 / 11.4 V ²⁾
Lamp wattage	35...105 W
System wattage	111 W
DC voltage	-
Operating frequency	43 kHz ³⁾
Power factor λ	0.99
Galvanic isolation primary/secondary	4.00 kV
Nominal voltage	230...240 V

¹⁾ Effectively

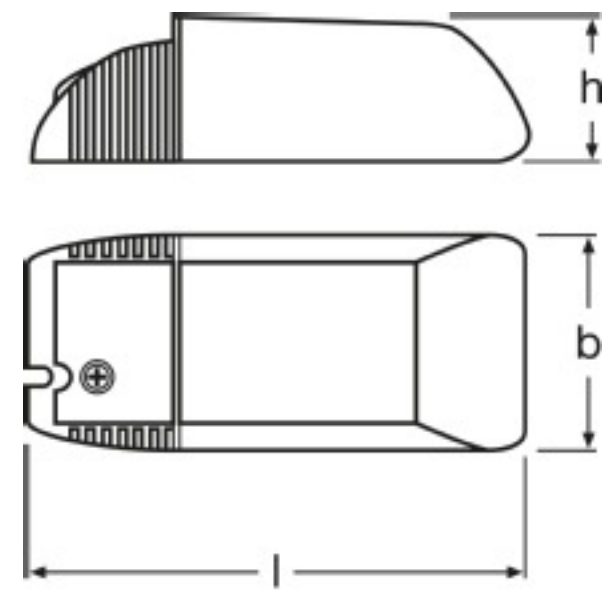
²⁾ 105 W / 35 W

³⁾ Approximately

Dimensions & weight

Cable cross-section, input side	2.5 mm ²
Cable cross-section, output side	2.5 mm ²
Wire preparation length, input side	12 / 7.0 mm ¹⁾
Wire preparation length, output side	12 / 7.0 mm ¹⁾
Length	108.0 mm
Width	52.0 mm
Height	33.0 mm
Mounting hole spacing, width	-
Product weight	125.00 g

¹⁾ Cable sheath / Wire



Product line drawing

Temperatures

Ambient temperature range	0...+45 °C
Maximum temperature at tc test point	85 °C

Additional product data

Design / version	Compact with cable clamp
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Capabilities

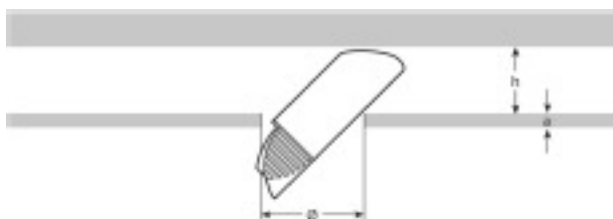
Overload protection	Automatic reversible
Overheating protection	Automatic reversible
Short-circuit protection	Automatic reversible
Maximum wiring length ECG/lamp	2.0 m
Cable types, input side	NYM 3x1.5 / H05VV-F 3x0.75 / H05VV-F 3x1.0 / H05VV-F 3x1.5 / H05VV-F 2x0.75 / H05VV-F 2x1.0 / H05VV-F 2x1.5 / H05VVH2-F 2x0.75 / H05VVH2-F 2x1.5 mm ²

Capabilities

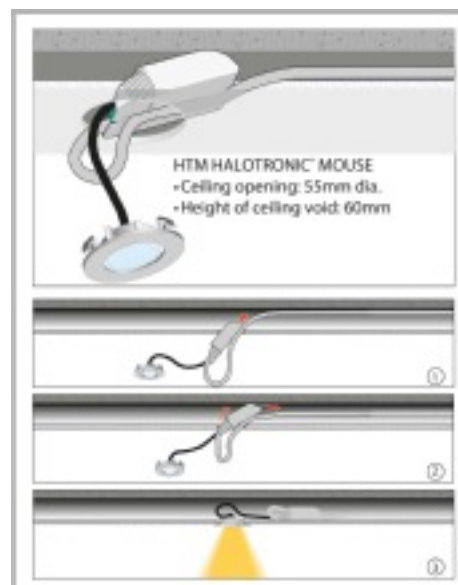
Cable types, output side	NYM 3x1.5 / H05VV-F 3x0.75 / H05VV-F 3x1.5 / H05VV-F 3x1.5 / H05VV-F 2x0.75 / H05VV-F 2x1.5 / H05VVH2-F 2x0.75 mm ²
Dimmable	Yes
Dimmer	Trailing- or leading-edge phase control for inductive load dimmers
Dimming range	0...100 %
No-load proof	Yes
Suitable for fixtures with prot. class	II

Certificates & standards

Approval marks – approval	VDE / VDE-EMC / E1 approval
Standards	acc. to EN 55015:2006 + A1:2007 / acc. to EN 61000-3-2 / acc. to EN 61547 / acc. to EN 61047 / acc. to IEC 61347



Product line drawing assembling



Others graphics

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.